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VOLUME 2 OF 2

RESULTS OF THE SPACE SHUTTLE VEHICLE ASCENT AIR  
DATA SYSTEM PROBE CALIBRATION TEST USING A 0.07-  
SCALE EXTERNAL TANK FOREBODY MODEL (68T) IN THE  
AEDC 16-FOOT TRANSONIC WIND TUNNEL (IA-310)

# SPACE SHUTTLE AEROTHERMODYNAMIC DATA REPORT

(NASA-CR-167,697) RESULTS OF THE SPACE  
SHUTTLE VEHICLE ASCENT AIR DATA SYSTEM PROBE  
CALIBRATION TEST USING A 0.07-SCALE EXTERNAL  
TANK FOREBODY MODEL (68T) IN THE AEDC  
16-FOOT TRANSONIC WIND TUNNEL (IA-310)

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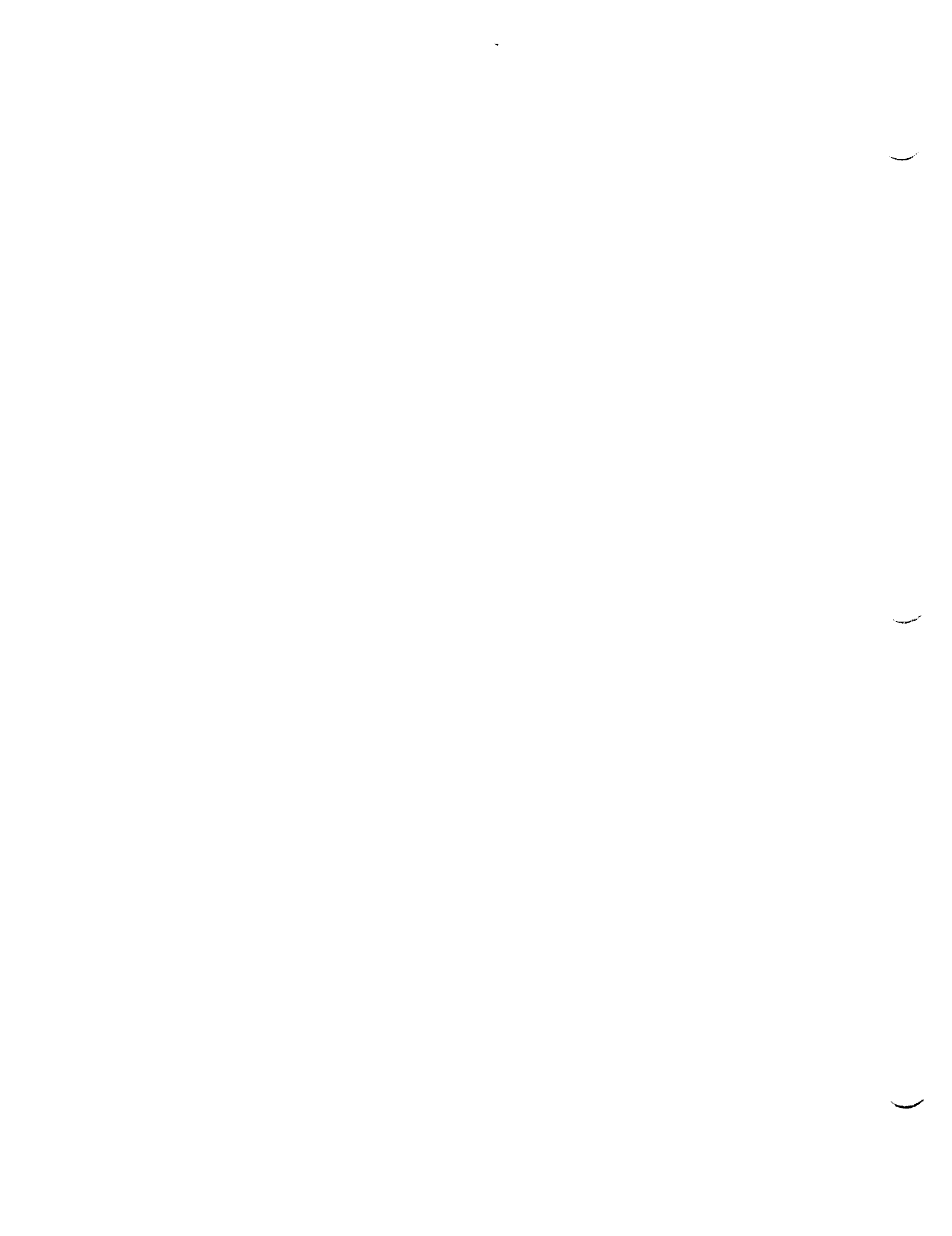
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USING A 0.07-SCALE EXTERNAL TANK FOREBODY MODEL (68T)  
IN THE AEDC 16-FOOT TRANSONIC WIND TUNNEL  
(IA-310)

by

J.G.R. COLLETTE  
ROCKWELL INTERNATIONAL  
SPACE TRANSPORTATION SYSTEMS DIVISION

Prepared under NASA Contract Number NAS9-17840

by

DATA MANAGEMENT SERVICES  
CHRYSLER TECHNOLOGIES AIRBORNE SYSTEMS  
MICHOD ENGINEERING OFFICE  
NEW ORLEANS, LOUISIANA 70189

for

NAVIGATION, CONTROL & AERONAUTICS DIVISION  
JOHNSON SPACE CENTER  
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION  
HOUSTON, TEXAS

WIND TUNNEL TEST SPECIFICS:

TEST NUMBER: TF-783  
NASA SERIES NUMBER: IA-310  
MODEL NUMBER: 68-T  
TEST DATES: Sept. 28, 1989 thru October 1, 1989  
OCCUPANCY HOURS: 64 (44 Air-On Hours)

FACILITY COORDINATOR:

Earl A. Price, Jr. - MS 600  
Arnold Engineering Development Center  
Propulsion Wind Tunnel Facility  
Arnold Air Force Station, TN 37389

Telephone: (615) 454-6675

PROJECT ENGINEERS:

D. E. Reichenau - MS 600

J.G.R. Collette - AE21  
C.L. Berthold - AE21  
A.A. Reinberger - AE21

AEDC  
Propulsion WT Facility  
Arnold AF Station, TN 37389

Rockwell International  
STSD Division  
12214 Lakewood Blvd.  
Downey, CA 90241

Phone: (615) 454-6672

Phone: (213) 922-5352

DATA MANAGEMENT SERVICES:

Approved: J. L. Glynn  
J.L. Glynn, Manager  
Data Management Services

Concurrence: D.E. Poucher  
D.E. Poucher, Mgr.  
CTAS Michoud Engrg. Office

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**ABSTRACT**

A recalibration of the Space Shuttle Vehicle Ascent Air Data System probe was conducted in the AEDC transonic wind tunnel. The purpose was to improve on the accuracy of the previous calibration in order to reduce the existing uncertainties in the system.

A probe tip attached to a 0.07-scale External Tank Forebody model was tested at angles of attack of -8 to +4 degrees and sideslip angles of -4 to +4 degrees. High precision instrumentation was used to acquire pressure data at discrete Mach numbers ranging from 0.6 to 1.55. Pressure coefficient uncertainties were estimated at less than 0.0020.

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PLOTTED COEFFICIENT SCHEDULES:

SCHEDULE A

- CPU VS ALPHA
- CPB VS ALPHA
- CPL VS ALPHA
- CPR VS ALPHA
- CPM VS ALPHA
- CPTD VS ALPHA
- CPAQ VS ALPHA
- CPALPH VS ALPHA
- DPACAL VS ALPHA
- CPBQ VS ALPHA
- CPBETA VS ALPHA
- DPBCAL VS ALPHA

SCHEDULE B

- CPU VS MACH
- CPB VS MACH
- CPL VS MACH
- CPR VS MACH
- CPM VS MACH
- CPTD VS ALPHA
- CPAQ VS MACH
- CPALPH VS MACH
- DPACAL VS MACH
- CPBQ VS MACH
- CPBETA VS MACH
- DPBCAL VS MACH

## INTRODUCTION

The present uncertainties in certain post-flight aerodynamic analyses are due largely to uncertainties in angles of attack and sideslip information obtained from the Ascent Air Data System during flight. Of the elements used to compute these uncertainties, the largest contributor is the probe data from an earlier wind tunnel test (IA-132). The objective of the present test was to obtain a more accurate calibration of the AADS probe in order to reduce the existing uncertainties in the system.

A nose probe attached to a 0.07-scale External Tank Forebody model was tested at angles of attack of -8 to +4 degrees and sideslip angles of -4 to +4 degrees. Following the acquisition of data to determine the tunnel flow angularities and installation misalignment/asymmetries, probe calibration data was obtained at eleven discrete Mach numbers from 0.6 to 1.55 with a constant Reynolds Number of 2.5 million per foot.

The focus on accuracy which prevailed during both the preparation and the conduct of the test resulted in high quality data which showed remarkable repeatability. Current analyses show differential pressure coefficient uncertainties below 0.0015 and pointing accuracies translating into alpha/beta deviations of less than 0.052 degree.

## NOMENCLATURE

<u>Symbol</u>	<u>Mnemonic</u>	<u>Description</u>
$C_{p_{\alpha}}$	CPALPH	Probe pitch differential pressure coefficient normalized to $P_{TT}$
$C_{p_{\alpha Q}}$	CPAQ	Probe pitch differential pressure coefficient normalized to $Q$
$C_{p_{\beta}}$	CPBETA	Probe yaw differential pressure coefficient normalized to $P_{TT}$
$C_{p_{\beta Q}}$	CPBQ	Probe yaw differential pressure coefficient normalized to $Q$
$C_{PM}$	CPM	Mach parameter pressure coefficient normalized to $P_{TT}$
$C_{PTT}$	CPTD	Coefficient of total pressure drop across the shock, normalized to $P_{TT}$
$C_p$	CPX	Gauge/absolute pressure coefficient
DPA1	DPA1	Redundant probe differential pressure in pitch, psid
DPA2	DPA2	Redundant probe differential pressure in pitch, psid
DPA	DPA	Probe differential pressure in pitch (average of DPA1 and DPA2), psid
$\Delta P_{\alpha}$	DPACAL	Probe pitch differential pressure calculated from absolute measurements, psia
DPB1	DPB1	Redundant probe differential pressure in yaw, psid
DPB2	DPB2	Redundant probe differential pressure in yaw, psid
DPB	DPB	Probe differential pressure in yaw (average of DPB1 and DPB2), psid
$\Delta P_{\beta}$	DPBCAL	Probe yaw differential pressure calculated from absolute measurements, psia
$F_x$	FA	Axial force, lb

## NOMENCLATURE

<u>Symbol</u>	<u>Mnemonic</u>	<u>Description</u>
$F_y$	FY	Side force, lb
$F_n$	FN	Normal force, lb
M	MACH	Mach number
M <sub>PROBE</sub>	M <sub>PROBE</sub>	Probe Mach number
$M_x$	MX	Rolling moment, in-lb
$M_y$	MY	Pitching moment, in-lb
$M_z$	MZ	Yawing moment, in-lb
$P_{ATM}$	PATM	Atmospheric reference pressure, psfa
$P_U$	PU	Probe upper port static pressure, psia
$P_B$	PB	Probe bottom port static pressure, psia
$P_R$	PR	Probe right port static pressure, psia
$P_L$	PL	Probe left port static pressure, psia
$P_c$	PC	Plenum chamber static pressure, psfa
$PC_i$	PC1,...	Cone surface static pressure, psia (i=1 to 12)
$PO_i$	PO1,...	Ogive surface static pressure, psia (i=1 to 4)
$P_{REF}$	PREF	Reference pressure
$P_T$	PT	Freestream total pressure, psfa
$P_{TT}$	PTTF	Probe total pressure, psfa
$P_{TT2}$	PT2F	Isentropic flow pressure behind normal shock, psfa
$P_X$	PX	Static gauge pressure measurement, psia

## NOMENCLATURE

<u>Symbol</u>	<u>Mnemonic</u>	<u>Description</u>
$P_{\infty}$	P	Freestream static pressure, psfa
$\Delta P_{\alpha}$	DPA	Probe differential pressure in pitch, psid
$\Delta P_{\beta}$	DPB	Probe differential pressure in yaw, psid
q	Q(PSF)	Freestream dynamic pressure, psfa
Re	RN/L	Freestream Reynolds Number l/ft
SH	SH	Freestream Specific Humidity, lb/lb
T	T	Static temperature, deg Rankine
TT	TT	Freestream stagnation temperature, deg F
$X_T$	XT	External Tank longitudinal station, in
$\alpha$	ALPHA	Model angle of attack, degree
$\alpha_{PA}$	AFA	Flow angle correction for angle of attack, degree
$\alpha_i, \theta_i$	ALPHI	Sting pitch angle, degree
$\beta$	BETA	Model sideslip angle, degree
$\phi_i$	PHI	Sting roll angle, degree
$\psi_{FA}$	YFA	Flow angle correction for yaw angle, degree

## CONFIGURATIONS INVESTIGATED

The model used for this test was a 0.07-scale simulation of the External Tank Forebody designated Model 68-T. The ET lines are duplicated from the nose to station  $X_T = 819.63$  with the ogive section extending from the nose cone to  $X_T = 760.35$ . Between these two stations, the model is a plain cylinder. Aft of station 819.63, the cylindrical cross-section tapers slightly to  $X_T = 1118.56$ . A 26-inch tangent ogive fairing was added aft of station 1119.67 to minimize the turbulence at the aft end of the model. The model lines are shown in Figures 1a through 1d.

The  $GO_2$  vent line and the electrical tray are simulated from the cable fairing at the cone/ogive interface to the cylindrical section at  $X_T = 760.35$ . These protuberances together with their support and the cable fairing are removable for testing "without fairing".

The AADS probe consists of a total pressure (pitot) port at the tip of the spike and four static pressure ports oriented 90 degrees apart, all located on the 30-degree conical surface of the spike.

A new probe tip with 0.007-inch nominal diameter static pressure ports was fabricated and affixed to the existing LA probe for this test; the pitot port was kept at 0.010 inch. The SCHMIEDE probe (0.010-inch ports) which had been used in the previous test was held as a back-up. Some key test probe measurements are shown in Table III. The position reference for the probe is the attach pin-hole located at the 180-degree radial.

The prime attitude reference for the model is the balance sleeve. Because this sleeve is not easily accessible when the model is assembled on the support sting/balance, provisions are made to mount four removable leveling plates at right angles to each other on the model to serve as external references for alignment purposes.

## INSTRUMENTATION

The model angles of attack and sideslip were provided by a sector-mounted mechanism generating equivalent pitch/roll angle combinations which were appropriately corrected for structural deflections and misalignments.

A secondary source of attitude measurements was supplied by two Shaevitz high-accuracy inclinometers located at the forward end of the balance sleeve inside the model. One was placed in a zero-degree position for pitch angle measurements at zero roll angle, the other in a 90-degree position for yaw angles at  $\alpha = 0$ .

Force and moment data were obtained from the four-inch TASK six-component balance on which the model was mounted. The moment reference center was located 29.97 inches aft of the probe tip at  $X_T = 755.375$ . These data were used to compute the sting/model aero load deflections which were fed back to the support control system to adjust the sector angles.

The model was instrumented to measure a total of 25 pressures: one total (pitot) pressure, four differential and 20 static gauge pressures. The pressure measuring instruments were housed in temperature controlled containers located inside the model.

1. The pitot pressure port was connected to a high-precision SETRA transducer. A blocking valve was installed in the pressure line to the transducer, allowing the application of the reference pressure to both sides of the SETRA (see Figure 4), thus providing the capability for on-line re-zeroing of the SETRA and/or the monitoring of zero shifts.
2. Dual measurements of the "Bottom-minus-Upper" and "Right-minus-Left" differential pressures on the probe were effected by an Electronically Scanned Pressure module (ESP-16BP) containing differential transducers. The average of the respective dual measurements was used to calculate the relevant coefficients. In addition, each of the four probe ports was connected to an ESP-48 unit to measure the individual gauge pressures.

3. The 39-degree cone was instrumented with twelve surface pressure taps distributed around the cone in four rows of three taps aligned with the ports on the probe. Four additional pressure taps, in line with those on the cone, were located on the ogive surface. Each of these taps was connected to two gauge pressure transducers on the 48-port ESP unit. However, only one of the two pressure measurements was used in the data reduction. Both ESP modules were capped with 0.063-inch O.D. pressure tubes.

The location of the pressure taps is depicted in Figure 3 and their coordinates are tabulated in Table IV. The ESP orifice assignments which also identify the pressure and coefficient denominations in the final data package, are listed in Table V.

4. The reference pressure system incorporated a tracking controller to set the reference pressure relative to tunnel total or plenum pressure. At each Mach number, the reference pressure was adjusted to maintain the pitot 15-psid SETRA operating below 1/4 full-scale and the ESP's within  $\pm 2.5$  psid to take advantage of the higher accuracies obtainable in the lower pressure ranges. In addition, a blocking valve, downstream of the tracking controller, was used to keep the reference pressure constant during the data acquisition process. The reference itself was measured by a highly accurate SONIX pressure transducer with a redundant measurement provided by another SETRA unit.
5. A control "verification" pressure was applied to all unused ports on the ESP modules to keep those transducers from overranging.

As with the pointing system, the entire pressure measuring system was designed to maximize accuracy, including the special selection of the best instruments among the many that were calibrated prior to the test. A schematic of the pressure instrumentation system is shown in Figure 4.



To eliminate the effect of temperature changes on the sensitivity of the pressure measuring instruments, particularly the ESP's, two remote controllers were employed to maintain the temperature in the instrumentation containers at constant values. The smaller container (#1) was held at 110 degrees F and #2 container at 100 degrees F throughout the test while the model internal temperature ranged from 84 to 93 degrees F.

One set of two thermocouples was installed in each container, next to the ESP modules. One iron-constantan instrument was used as a feedback to the remote heater controller unit, the other (copper-constantan) to monitor and record the module temperature. One additional thermocouple was installed in the model cavity to monitor and record its internal temperature.

Shadowgraph video and still photographs showing the flow patterns near the spike were taken at test conditions  $\geq$  Mach 1.40. These showed the bow shock attaching to the probe near Mach 1.48. A shadowgraph picture taken at Mach 1.475 is shown in Figure 7.

## TEST FACILITY DESCRIPTION

The AEDC 16-foot Transonic wind tunnel is a variable density, continuous flow tunnel capable of being operated at Mach numbers from 0.6 to 1.6 and stagnation pressures of 120 to 4,000 psfa. The maximum attainable Mach number can vary slightly depending on the tunnel pressure ratio requirements for a particular installation and on ambient atmospheric conditions. The maximum stagnation pressure attainable for a given Mach number is a function of the electrical power available. The tunnel stagnation temperature can be varied from approximately 60 to 160 degrees Fahrenheit.

The 16 feet square by 40 feet long test section is enclosed by 60-degree inclined-hole perforated walls of six percent porosity to effect a measure of boundary layer control.

The tunnel employs SONIX transducers to effect dual measurements of the total pressure and of the plenum chamber static pressure. Atmospheric pressure is measured by a RUSKA transducer.

## TEST PROCEDURES

### Installation

The model was mounted on a balance attached to a 7-inch diameter sting in the High-Angle Automated Sting (HAAS) Cart. The rather large sting was selected to provide high support system rigidity to minimize model oscillations. The probe tip was located near the center of rotation of the sector, reducing the total linear displacement to approximately six inches from the tunnel centerline at maximum deflection. A sketch of the installation is shown in Figure 2.

The 48-port ESP unit was placed in the #1 instrumentation container and the ESP-16BP module was positioned in the #2 container together with the pitot pressure measuring SETRA transducer and its control valve (see Figures 5 and 6). The original soft isolation mounts were removed from the container frames and the ESP units were placed on thin plastic foam pads attached to support brackets which were hard-mounted to the inner frames.

### Calibrations and Pretest Checks

#### 1. Prior to installation

The output of the balance gauges were calibrated in the lab by AEDC.

A number of pressure transducers were calibrated using high precision equipment referable to an NBS standard. The most accurate instruments were selected for installation in the model and the plenum chamber.

#### 2. In-Cart

The individual pressure lines were leak-checked and the thermocouples were tested for continuity and response.

The relative alignment of the external leveling plates was checked against the outer balance sleeve using a digital inclinometer (DINC). The angles measured were within the 0.05 degree accuracy requirement.

The Shaevitz instruments installed in the model were calibrated using the sector angles as reference. Also, the sector angles were checked against the top and RHS leveling plates.

A balance load test was performed and the sting/model structural deflections under load were calibrated to obtain the balance constants.

The instrumentation was connected to a computer and a tunnel emulation test was carried out to check all instrumentation throughputs, the data reduction program, and the data printouts.

### 3. In-Tunnel

Check-loading of the balance through the data acquisition system was performed and the sting/model deflections checked out.

A leak check and a qualitative "end-to-end" checkout of the pressure transducers through the data system system were carried out.

The sector angles and the Shaevitz outputs were verified.

#### Test Conditions

The test was conducted at Mach numbers ranging from 0.6 to 1.55 at total pressures of 1198 to 2040 psfa. The stagnation temperature was held constant at 100 degrees F throughout. The test conditions are listed in Table I.

#### Test Procedure

Two model configurations "without fairing" and "with fairing" were tested. All protuberances were removed and recesses filled in to test "without fairing".

Pressure data were acquired in five distinct test series, each of which is described by its specific purpose:

#### TEST SERIES

1. Flow Angularity and Model Asymmetry
2. Port Misorientation Effects
3. Fairing-off Data Base
4. Probe Calibration
5. Repeat Runs

A secondary purpose of Test Series 1 was to evaluate a possible requirement for additional test Mach numbers.

The model was configured "without fairing" for the first three series. The test parameters are shown in the Run Schedule (Table II ). A grid map of the angles tested in each series is appended to the Run Schedule in the same table.

Before acquiring any data, a "dust blow" run was made to determine the amount of particle contamination in the airstream. No "hits" were registered on the contamination disk during the half-hour run at Mach 0.6.

The pitch-pause mode of operation was used with sufficient time allowed between data points (~10 seconds) for the model pressures to stabilize. Yaw angles were obtained from model pitch-roll angle combinations. The required pitch and roll angles were iterated to include the sting-balance angular deflection corrections in order to produce settings equivalent to the nominal angles of attack and sideslip angles within a tolerance of  $\pm 0.05$  degrees. After the desired condition and attitude were achieved, all tolerances were checked and data acquired. If the checks signaled an out-of-tolerance condition, the model instrumentation was recalibrated/rezeroed on-line before proceeding.

All negative angles of attack were produced by inverting the model and pitching the nose up above the centerline of the tunnel, in effect keeping the probe in the same section of the tunnel throughout the test.

## DATA REDUCTION

Standard AEDC methods and equations were used to compute all tunnel conditions.

All local static pressures were reduced to the standard coefficient form:

$$C_{P_x} = \frac{P_x * 144 + P_{REF} - P_{\infty}}{q}$$

The probe pressure differentials were reduced as follows:

$$C_{P_{\alpha}} = \frac{\Delta P_{\alpha}}{P_{TT}}$$

$$C_{P_{\alpha q}} = \frac{\Delta P_{\alpha}}{q}$$

$$C_{P_{\beta}} = \frac{\Delta P_{\beta}}{P_{TT}}$$

$$C_{P_{\beta q}} = \frac{\Delta P_{\beta}}{q}$$

$$\text{where } \Delta P_{\alpha} = P_B - P_U$$

$$\text{and } \Delta P_{\beta} = P_R - P_L$$

These values were calculated for the gauge pressure differences as well as for the differential transducer outputs. Similar pressure difference coefficients were generated for the cone and ogive pressures.

The following ratios were also calculated.

$$C_{P_M} = \frac{P_{TT}}{P_{\infty}}$$

$$C_{P_T} = \frac{P_{TT} - P_{T2}}{P_{TT}}$$

$$\text{where } P_{T2} = \left( \frac{6M^2}{M^2 + 5} \right)^{3.5} \left( \frac{6}{7M^2 - 1} \right)^{2.5} * P_T$$

### Uncertainties

Combinations of systematic and random errors in the basic wind tunnel parameters were estimated from the calibration and from the repeatability of the measurements during tunnel calibrations by the facility. Uncertainties of the instrumentation systems were estimated from repeat calibrations against secondary standards traceable to National Institute of Standards & Technology equipment.

The wind tunnel parameter uncertainties were first calculated through perturbation of the independent variables  $P_T$  and  $P_C$ , including error estimates related to the Mach number calibrations. The results were then combined with the uncertainties in the instrumentation systems, using the Taylor series method of error propagation to determine the uncertainties of the pressure coefficients and pressure ratios.

The uncertainties for the coefficients shown in Figure 8 were obtained for the maximum/minimum value of the respective coefficients at each Mach number during the probe calibration phase of the test (Test Series 4).

## REMARKS

1. Initially, the following operating tolerances were set for the instrumentation:

Mach Number	$\pm 0.003$
$P_T$ (Sonix)	$\pm 3$ psf
ESPs	0.3 - 0.5 psf
$P_{TT}$ (Setra)	0.08 psf

Early in the test it became obvious that the last two tolerances were much too tight. The ESPs were therefore relaxed to 0.3 - 0.8 psf and the pitot measurement SETRA to 0.12 psf.  $P_T$  and Mach number were generally held well within their tolerance levels.

2. The Schaevitz instruments performed their function very well in the pretest phase and early in the test. However, their performance soon deteriorated and no action was taken to repair or replace these back-up instruments. The data values of ALPSH and BETASH should be disregarded.
3. During the first Test Series, the rated axial load on the balance was exceeded at Mach 1.1 ( $q = 705$  psf), and the Reynolds Number was lowered to  $3.0 \text{ E}06/\text{ft}$ . The axial force component due to the model weight caused the balance limit to be exceeded again at  $\alpha = +4$  degrees at Mach 1.25. Therefore,  $\alpha$  was limited to  $-8$  to  $+4$  degrees for runs 1159, 1161-1163, after which the Reynolds Number was lowered to a constant  $2.5 \text{ E}06/\text{ft}$  for the remainder of the test.
4. A comparison of the data from runs 1159-1163 ( $Re = 3.0 \text{ E}06$ ) with runs 1165-1169 ( $Re = 2.5 \text{ E}06$ ) at the same Mach number showed no discernible difference between the two sets. Another data comparison between Reynolds Number  $3.9 \text{ E}06$  (runs 1118-1121) and  $2.5 \text{ E}06$  (runs 1221-1224) yielded similar results. Therefore, the test runs planned for the evaluation of Reynolds number effect were eliminated.



5. Following Test Series 1, Mach numbers 1.475 and 1.525 were added to the nine baseline Mach numbers.
6. The asymmetry of the alpha/beta matrix in Test Series 4 is the result of a compromise from budgeted Air-On Hours (AOH) consideration. Since there was insufficient time to complete the original test matrix, the angles of attack -8.5, -7.5, +1.5, +2.5 degrees and sideslip angles  $\pm 3.5$ , and  $\pm 4.5$  degrees were eliminated. Further the one quarter degree grid was restricted to an alpha =  $-4 \pm 1$  degrees and beta =  $\pm 1$  degree envelope, and tested at Mach 1.25 only.

The net result was the elimination of some 1930 data points equivalent to more than 6-1/2 AOH. The consensus of opinion was that the resulting reduced matrix would still provide a sufficient number of data points to generate the required probe calibration functions within the stipulated accuracy.

7. For Test Series 2 through 5, the flow angularity corrections are included with other corrections in the terms Alpha (Sting + Deflection) and Beta (Sting + Deflection) referred to as ALPSPD and BETASPD, respectively, in the data tabulations. Model and sting asymmetries (misalignments) derived from Test Series 1 are added separately to those terms to yield the ALPSPDC and BETASPC values. Therefore, flow angularity cannot be removed directly from the ALPSPD and BETASPD terms. Asymmetries, however, can be subtracted from ALPSPDC and BETASPC. ALPSPDC and BETASPC are labeled ALPHA and BETA, respectively, in the plotted and tabulated data of this report.

8. A correction was applied to certain data to compensate for condensation in the tunnel free stream. The following corrections based on the specific humidity (SH), apply only to Mach number  $\geq 1.475$  and to the corresponding values of total pressure ( $P_T$ ), and dynamic pressure (Q). The values of CPAQ, CPBQ, and  $P_{T2}$  have been modified to reflect the corrected wind tunnel parameters.

$$\frac{M_{\text{corr}}}{M_{\text{ind}}} = (3.02365 - 1436.80 * SH) - (2.6184 - 1867.65 * SH) * M_{\text{ind}} + (0.848 - 609.128 * SH) * M_{\text{ind}}^2$$

$$\frac{P_{T_{\text{corr}}}}{P_{T_{\text{ind}}}} = (4.90395 - 2820.58 * SH) - (5.0448 - 3670.70 * SH) * M_{\text{ind}} + (1.632 - 1199.16 * SH) * M_{\text{ind}}^2$$

$$Q_{\text{corr}} = 0.7 * P_{\infty} * M_{\text{corr}}^2$$

$$P_{T2_{\text{corr}}} = \left( \frac{6 * M_{\text{corr}}^2}{M_{\text{corr}}^2 + 5} \right)^{3.5} \left( \frac{6}{7 * M_{\text{corr}}^2 - 1} \right)^{2.5} * P_{T_{\text{corr}}}$$

## REFERENCES

1. STS88-0955, "Pretest Information for the Space Shuttle Ascent Air Data System Calibration Test IA-310 in the AEDC 16-foot Transonic Wind Tunnel Model 68-T," by J.G.R. Collette, dated November 1988.
2. DMS-DR-2449, NASA-CR 160,497, "Results of Shuttle Transportation System Ascent Air Data System Calibration Test Using the 0.07-Scale External Oxygen Hydrogen Tank Forebody Model (68-T) in the AEDC 16-foot Transonic Wind Tunnel (IA132)," by R.R. Burrows and W.R. Carlson, dated January 1981.

TABLE I - TEST CONDITIONS

MACH NO.	TT (deg F)	PT (psfa)	P (psfa)	Q (psfa)	Re (E06/ft)
<b>TEST SERIES 1</b>					
0.60	100	2040	1599	404	3.2
0.80		2018	1323	593	3.7
0.90		1984	1172	665	3.9
0.92		1971	1140	676	
0.95		1948	1089	689	↓
0.98		1920	1038	698	
1.05		1842	917	708	3.8
1.10		1447	678	574	3.0
1.15		1440	633	586	↓
1.25		1438	555	607	
		1198	462	506	2.5
1.30		1202	434	513	
1.35		1207	407	519	
1.40		1216	382	524	
1.45		1226	359	528	
1.475		1232	348	530	
1.50		1239	338	532	
1.525		1246	327	533	
1.55		1254	318	534	↓
<b>TEST SERIES 2-5</b>					
0.60		1597	1252	316	2.5
0.80		1341	880	394	
0.90		1273	753	427	
1.10		1206	565	479	
1.25		1198	462	506	
1.40		1216	382	524	
1.45		1226	359	528	
1.475		1232	348	530	
1.50		1239	338	532	
1.525		1246	327	533	
1.55		1254	318	534	↓

TABLE II - AADS PROBE CALIBRATION TEST (IA310) RUN SCHEDULE TEST SERIES 1

TEST: IA310 (AEDC 16TF-783)			DATA SET/RUN NUMBER COLLATION SUMMARY													DATE: SEPT. 1989
DATA SET IDENTIFIER	CONFIGURATION	SCHED. alpha	MACH NUMBERS													
			beta	PHI	PARAMETERS											
					0.6	0.8	0.9	0.92	0.95	0.98	1.05	1.10	1.15	1.25		
RCM001	FLOW ANGULARITIES &	A	0	0	1102	1109	1118					1147*		1159*		
RCM002	MODEL/STING ASYMM. &	A	0	0	1103	1111						1148				
RCM003	MISALIGNMENT	A	0	0	1108	1112						1149				
RCM004	(FAIRING OFF)	A	0	0		1116										
RCM005		A	0	180	1105	1115	1119					1150		1161*		
RCM006		0	D	90	1106	1113	1120					1151		1162*		
RCM007		0	D	-90	1107	1114	1121					1152		1163*		
RCM008		F	0	0				1123	1128	1134	1139		1154			
RCM009		G	0	180				1124	1129	1135	1140		1155			
RCM010		0	E	90				1125	1130	1136	1141		1156			
RCM011		0	E	-90				1126	1131	1137	1142		1157			
RCM012		0	E	-90					1132							

alpha or beta A: ALPHA = -8 TO +8 DEG. IN 1 DEG. INCREM. D: BETA = -4 TO +4 DEG. IN 1 DEG. INCREM.  
SCHEDULES F: ALPHA = -4, 0 DEG. G: ALPHA = 0, +4 DEG. E: BETA = -2, +2 DEG.  
\* INCOMPLETE DATA

TABLE II - AADS PROBE CALIBRATION TEST (IA310) RUN SCHEDULE  
TEST SERIES 1 CONT'D.

TEST: IA310 (AEDC 16TF-783)		DATE SET/RUNNUMBERCOLLATIONSUMMARY														DATE: SEPT. 1989		
DATA SET IDENTIFIBR	CONFIGURATION	SCHD.	PARAMETERS				MACH NUMBERS											
			alpha	beta	PHI		0.9	1.25	1.30	1.35	1.40	1.45	1.475	1.50	1.525	1.55		
RCM013	FLOW ANGULARITIES &	A	0	0	0		1221	1165			1185	1203	1276	1238	1283	1251		
RCM014	MODEL/STING ASYMM. &	A	0	0	0		1268	1264			1258	1226						
RCM015	MISALIGNMENT	A	0	180	180		1222	1166			1186	1200	1278	1241	1285	1253		
RCM016	(FAIRING OFF)	A	0	180	180		1269	1265			1259	1227						
RCM017		0	D	90	90		1223	1168			1187	1201	1280	1242	1287	1255		
RCM018		0	D	90	90		1272	1266			1261	1228						
RCM019		0	D	-90	-90		1224	1169			1188	1202	1281	1243	1289	1256		
RCM020		0	D	-90	-90		1273	1267			1262	1231						
RCM021		F	0	0	0				1171	1175			1233		1245			
RCM022		G	0	180	180				1172	1176			1234		1246			
RCM023		G	0	180	180										1249			
RCM024		0	E	90	90				1173	1177			1235		1247			
RCM025		0	E	-90	-90				1174	1178			1236		1248			

alpha or beta SCHEDULES  
 A: ALPHA = -8 TO +8 DEG. IN 1 DEG. INCREM. D: BETA = -4 TO +4 DEG. IN 1 DEG. INCREM.  
 F: ALPHA = -4, 0 DEG. G: ALPHA = 0, +4 DEG. E: BETA = -2, +2 DEG.

# TEST SERIES 1

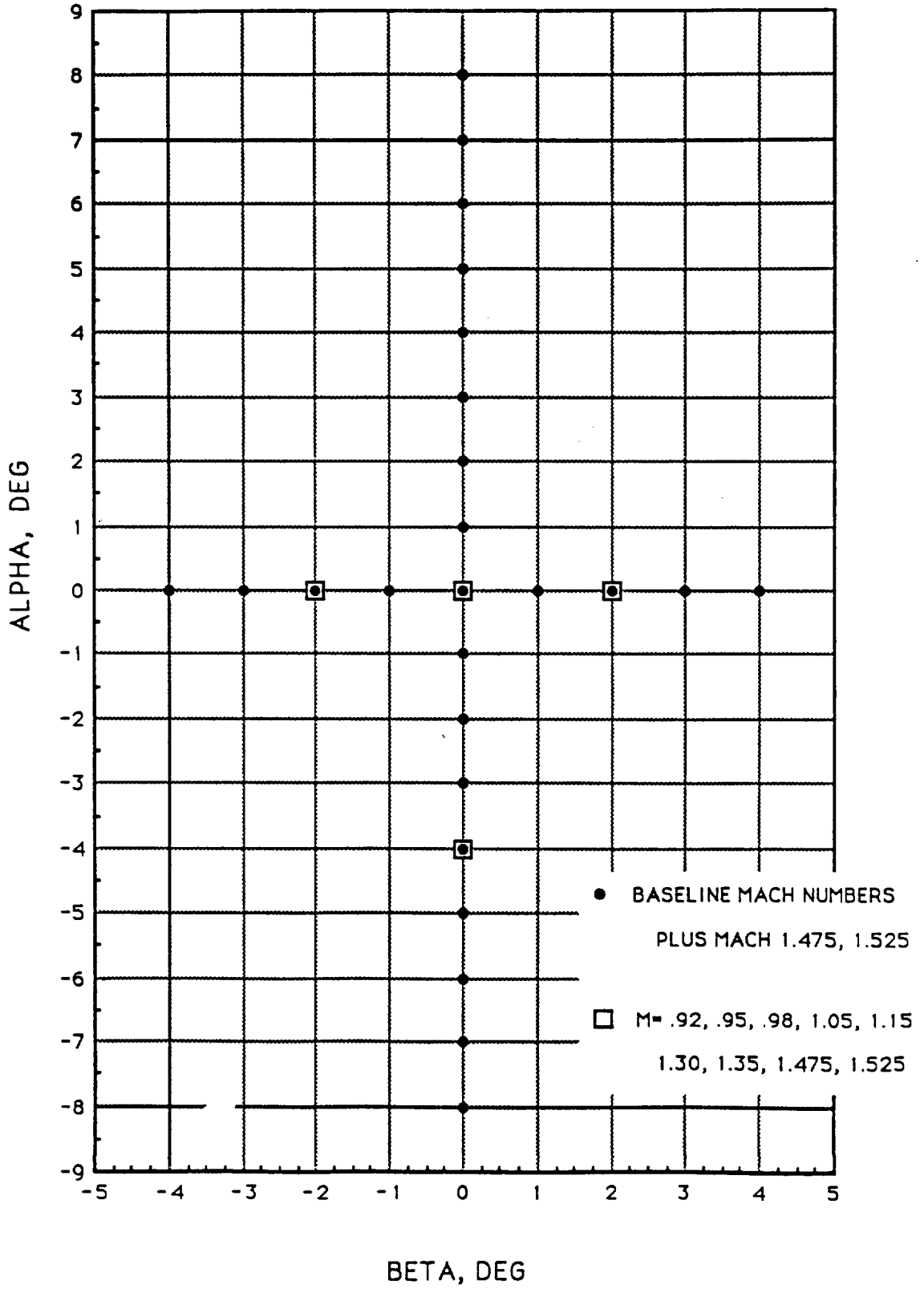


TABLE II -- AADS PROBE CALIBRATION TEST (IA310) RUN SCHEDULE  
TEST SERIES 2

TEST: IA310 (AEDC 16TF--783)		DATA SET/RUNNUMBER COLLATION SUMMARY											DATE: SEPT. 1989											
DATA SET IDENTIFIER	CONFIGURATION	SCHED.		PARAMETERS								MACH NUMBERS			T B S T  R U N  N U M B E R S									
		alpha	beta	PHI										0.60		0.90	1.25	1.40	1.55					
RCM026	PORT MISORIENTATION	0	0	B															1293	1298	1304	1310	1315	
RCM027	EFFECTS	-8	0	B															1294	1300	1305	1311	1316	
RCM028	(FAIRING OFF)	0	-4	90+B															1295	1301	1307	1312	1317	
RCM029		0	+4	90+B															1296	1302	1308	1313	1318	

alpha or beta  
SCHEDULES

B: PHI = -2 TO +2 DEG. IN 0.25 DEG INCREM.



# TEST SERIES 2

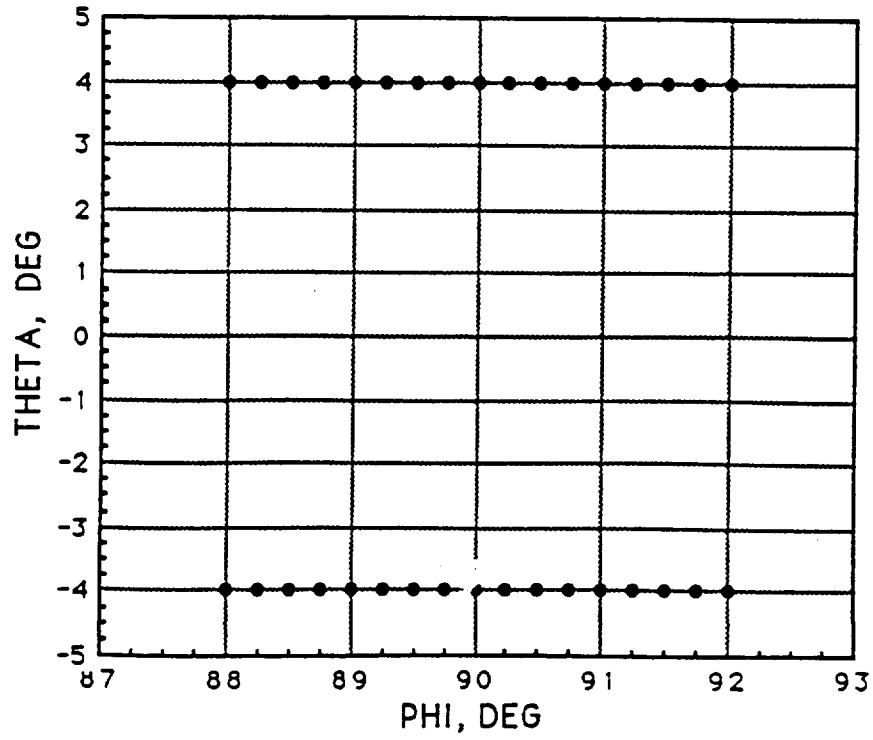
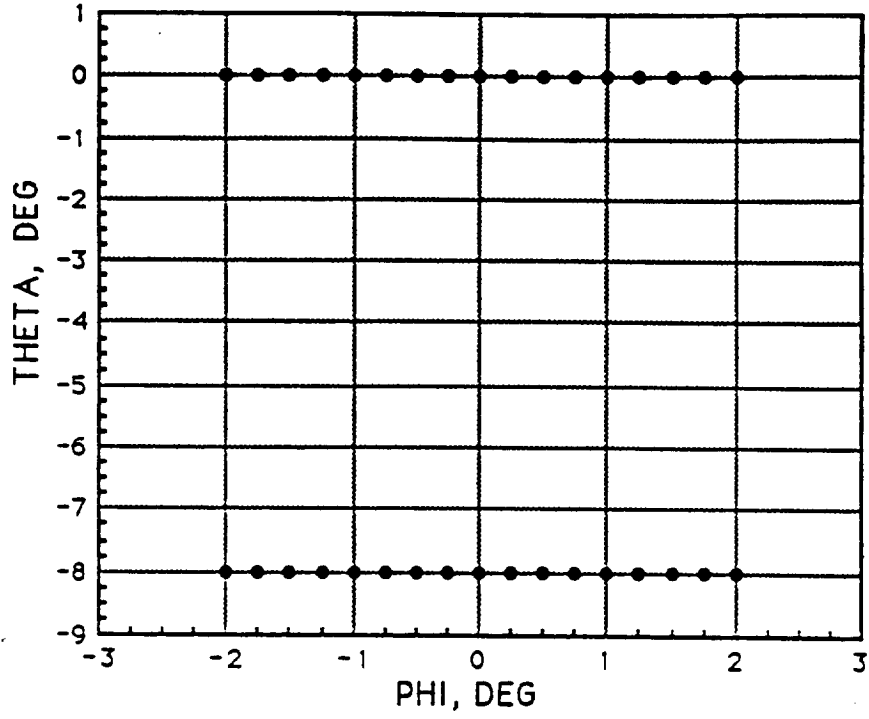


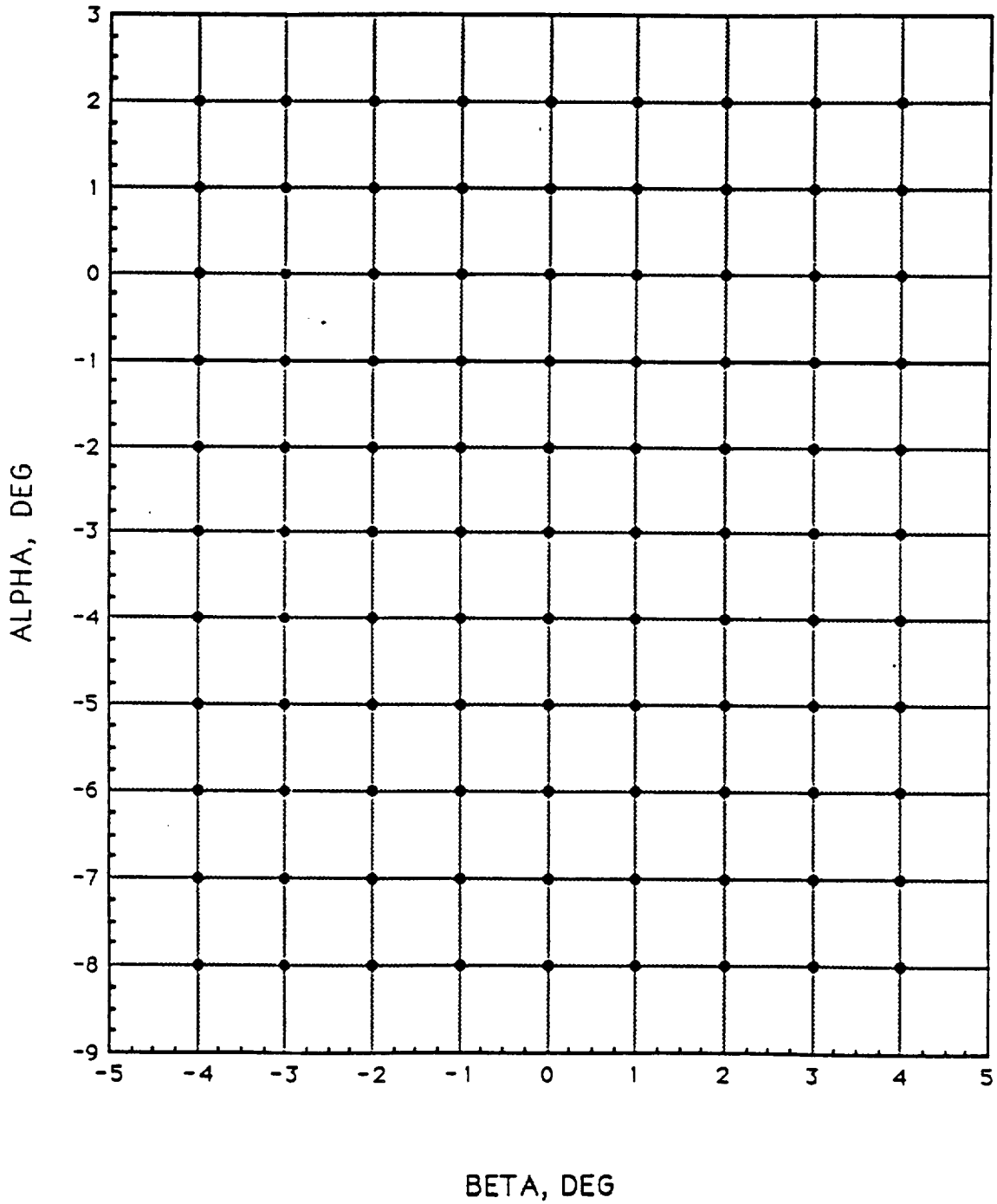
TABLE II - AADS PROBE CALIBRATION TEST (IA310) RUN SCHEDULE TEST SERIES 3

TEST: IA310 (AEDC 16TF-783)		DATA SET/RUNNUMBERCOLLATION SUMMARY														DATE: SEPT. 1989																																														
DATA SET IDENTIFIER	CONFIGURATION	SCHD.	alpha	beta	PARAMETERS											MACH NUMBERS											T	B	S	T	R	U	N	N	U	M	B	B	R	S																						
					PHI	0.60	0.80	0.90	1.10	1.25	1.40	1.45	1.475	1.50	1.525	1.55																																														
RCM030	FAIRING-OFF DATABASE	C	-4					1351	1341	1329	1320	1365	1376	1388	1433	1400	1421	1410*																																												
RCM031		C	-4														1423	1411																																												
RCM032		C	-3					1352	1342	1330	1321	1366	1377	1389	1434	1401	1424	1412																																												
RCM033		C	-2					1353	1343	1331	1322	1367	1378	1390	1435	1402	1425	1413																																												
RCM034		C	-1					1354	1344	1332	1323	1368	1380	1391	1436	1403	1426	1414																																												
RCM035		C	0					1355	1345	1333*	1324	1370	1381	1392	1437	1404	1427	1416																																												
RCM036		C	0							1335																																																				
RCM037		C	+1					1357	1346	1336	1325	1371	1382	1394	1438	1405	1428	1417																																												
RCM038		C	+2					1358	1347	1337	1326	1372	1383	1395	1439	1406	1429	1418																																												
RCM039		C	+3					1359	1348	1338	1327	1373	1384	1397	1440	1407	1430	1420																																												
RCM740		C	+4					1360	1349	1339	1328	1374	1385	1398	1441	1408	1431	1419																																												

alpha or beta  
SCHEDULES  
\* INCOMPLETE DATA

C: ALPHA = -8 to +2 DEG. in 1 DEG. INCREMENTS

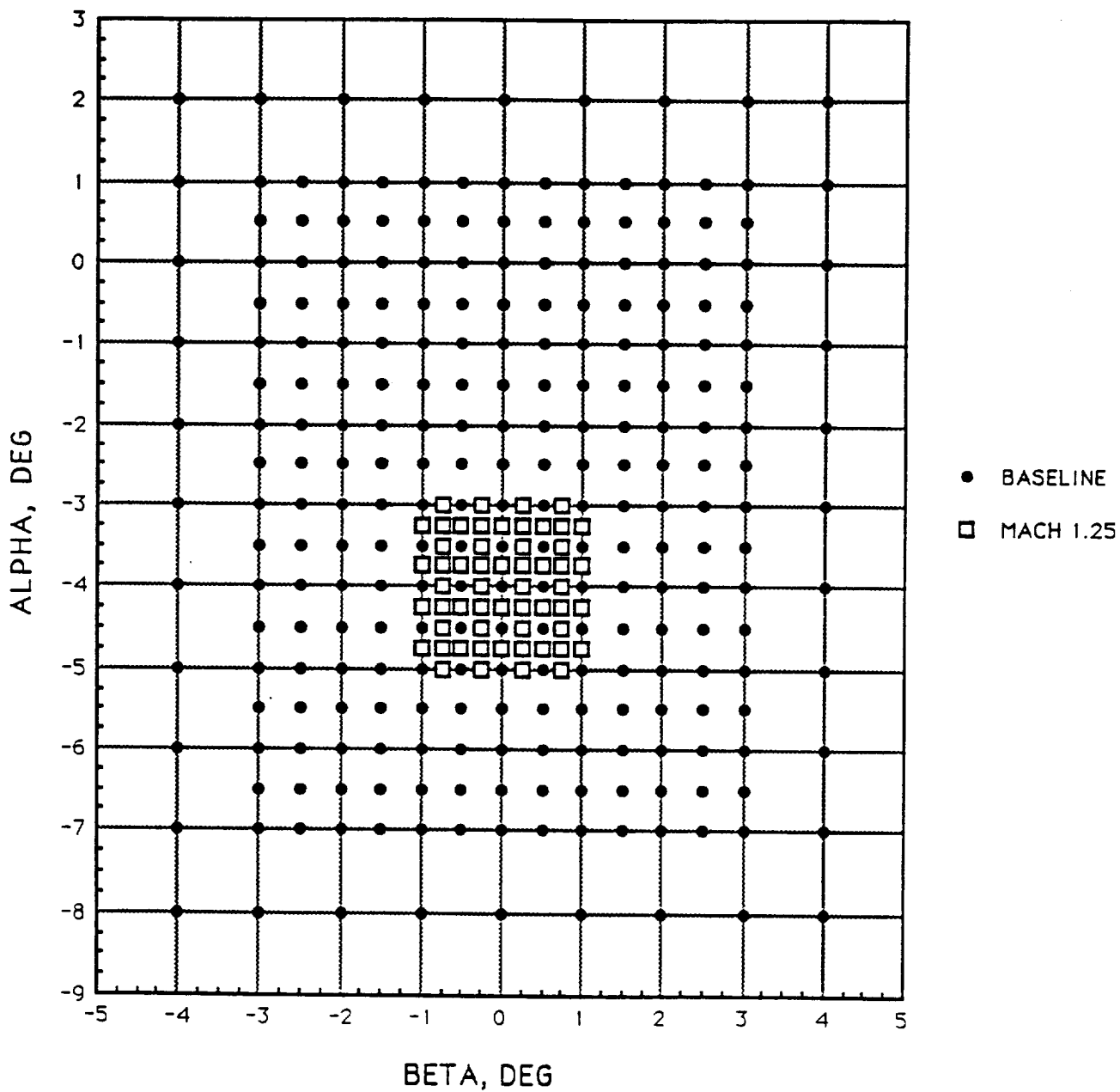
# TEST SERIES 3







# TEST SERIES 4



AADS PROBE CALIBRATION TEST ( ) RUN SCHEDULE  
TEST SERIES 5

pc 11 of 13

TEST: IA310 (AEDC 16TF-783)		DATA SET/RUN NUMBER COLLATION SUMMARY										DATE: SEPT. 1989						
DATA SET IDENTIFIER	CONFIGURATION	SCHD.		PARAMETERS			MACH NUMBERS											
		alpha	beta	PHI				0.60	0.80	0.90	1.10	1.25	1.40	1.45	1.475	1.50	1.525	1.55
RCM069	REPEAT RUNS	C	0	180			1671	1747	1660	1739	1723	1712	1705	1698	1668	1686	1679	
RCM070		-4	D	180			1674	1750	1663	1742	1726	1718	1708	1701	1694	1689	1682	
RCM071		0	D	180			1675	1751	1664	1743	1727	1719	1709	1702	1695	1690	1683	

T  
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S  
T  
R  
U  
N  
N  
U  
M  
B  
E  
R  
S

alpha or beta  
SCHEDULES

C: ALPHA = -8 TO +2 DEG. IN 1 DEG. INCREMENTS  
D: BETA = -4 TO +4 DEG. IN 1 DEG. INCREMENTS

# TEST SERIES 5

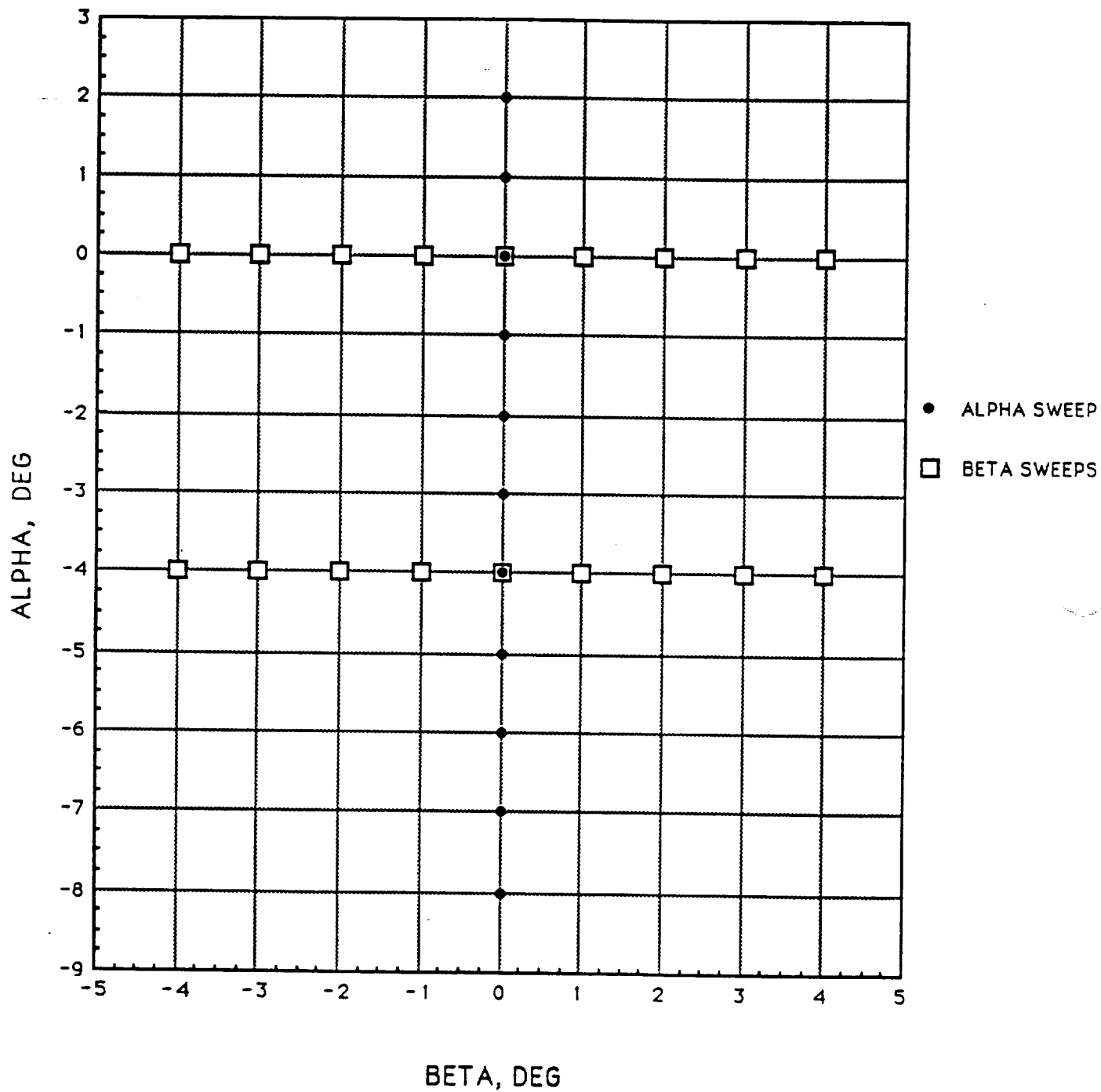




TABLE II CONCLUDED  
 IA310 (AEDC 16TF-783)  
 COEFFICIENT SCHEDULES

D/S	1st	2nd																		
IND.	IND.	IND.																		
CHAR.	VAR	VAR																		
R	MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CP01	CPU	CPC4	CPC5	CPC6	CP02								
		(BETA)																		
		(PHI)																		
S	MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CP03	CPL	CPC10	CPC11	CPC12	CP04								
		(BETA)																		
		(PHI)																		
T	MACH	ALPHA	BETA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD									
		(BETA)	(ALPHA)	(BETA)																
		(PHI)	(ALPHA)	(BETA)																
U	MACH	ALPHA	DPACAL	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F								
		(BETA)																		
		(PHI)																		
V	MACH	ALPHA	P	PT	Q(PSF)	T	TT	RN/L	PC	PREF	SH	PATM								
		(BETA)																		
		(PHI)																		

TABLE III PROBE DIMENSIONAL CHECK

<u>PRESSURE PORT</u>	<u>RADIAL (deg)</u>	<u>DISTANCE TO TIP</u>	<u>ORIENTATION (deg)</u>	<u>CIRCUMFERENTIAL DISPLACEMENT</u>
BOTTOM	000	.0820(±.0004) IN	357 46.2'(±10.8')	-.0019 IN
UPPER	180	.0820(±.0001) IN	180 15.9'(±12.4')	.0002 IN
RIGHT	090	.0819(±.0003) IN	090 34.5'(± 7.0')	.0005 IN
LEFT	270	.0819(±.0001) IN	268 26.3'(± 8.9')	-.0013 IN

TABLE IV - MODEL 68-T PRESSURE TAP LOCATIONS

TAP ID	RADIAL (DEG)	X <sub>T</sub> (IN)		LOCATION
		FULL SCALE	MODEL SCALE	
PTT	TIP	327.22	22.905	AADS PROBE ↓
PB	0	328.37	22.986	
PU	180	↓	↓	
PR	90	↓	↓	
PL	270	↓	↓	
PC1	0	346.00	24.220	NOSE CONE ↓
PC2	↓	356.00	24.920	
PC3	↓	366.00	25.620	
PC4	180	346.00	24.220	
PC5	↓	356.00	24.920	
PC6	↓	366.00	25.620	
PC7	90	346.00	24.220	
PC8	↓	356.00	24.920	
PC9	↓	366.00	25.620	
PC10	270	346.00	24.220	
PC11	↓	356.00	24.920	
PC12	↓	366.00	25.620	
P01	0	430.00	30.10	OGIVE SURFACE ↓
P02	180	↓	↓	
P03	90	↓	↓	
P04	270	↓	↓	

TABLE V -- ESP ORIFICE ASSIGNMENT

ESP--48 MODULE (+2.5 psid)				ESP--168P MODULE (+2.5 psid)			
PORT	TAP ID	PORT	TAP ID	PORT	TAP ID	PORT	TAP ID
01	VERIF P	25	VERIF P	01 P	VERIF P	01 R	REF
02	PU	26		02 P		02 R	
03	PB	27		03 P		03 R	
04	VERIF P	28		04 P	PB	04 R	PU
05	PL	29		05 P	VERIF P	05 R	REF
06	PC 1	30		06 P	PB	06 R	PU
07	PC 2	31		07 P	PR	07 R	PL
08	PC 3	32	VERIF P	08 P	PR	08 R	PL
09	PC 4	33	PC 1				
10	PC 5	34	PC 2				
11	PC 6	35	PC 3				
12	PC 7	36	PC 4				
13	PC 8	37	PC 5				
14	PC 9	38	PC 6				
15	PC 10	39	PC 7				
16	PC 11	40	PC 8				
17	PC 12	41	PC 9				
18	PO 1	42	PC 10				
19	PO 2	43	PC 11				
20	PO 3	44	PC 12				
21	PO 4	45	PO 1				
22	VERIF P	46	PO 2				
23	VERIF P	47	PO 3				
24	PR	48	PO 4				

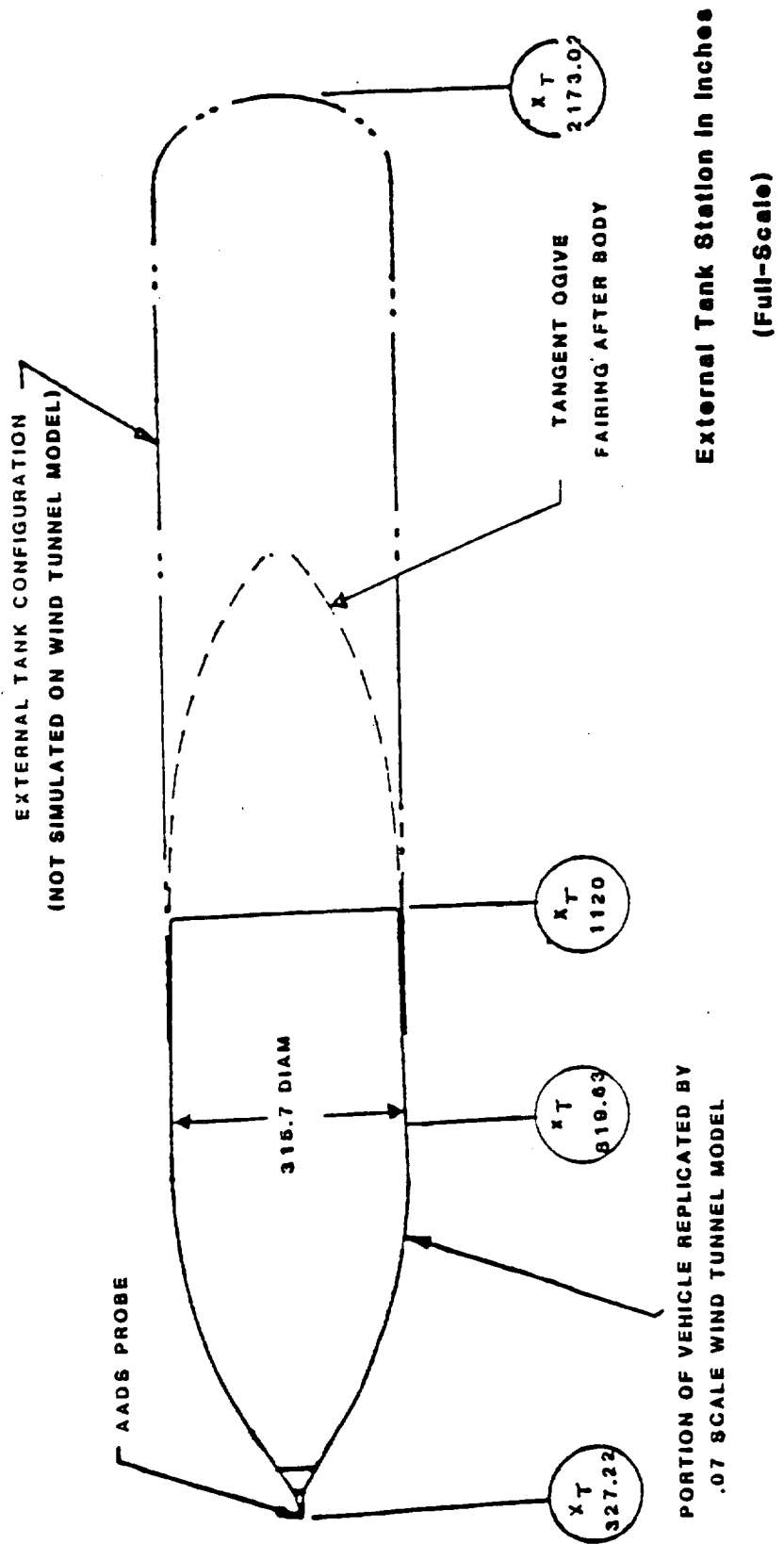


Figure 1a. Model Profile Lines

View Looking Downstream

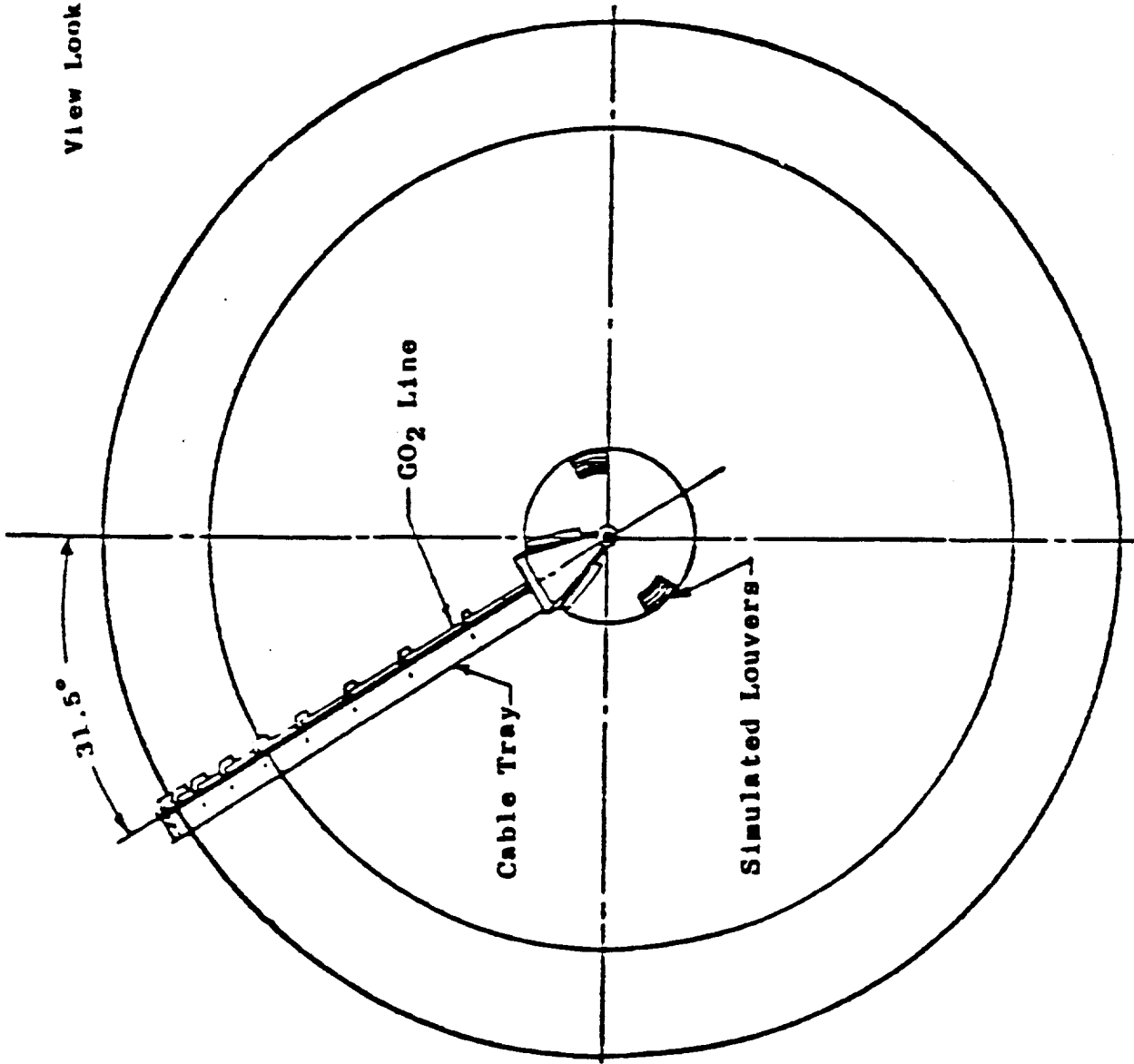
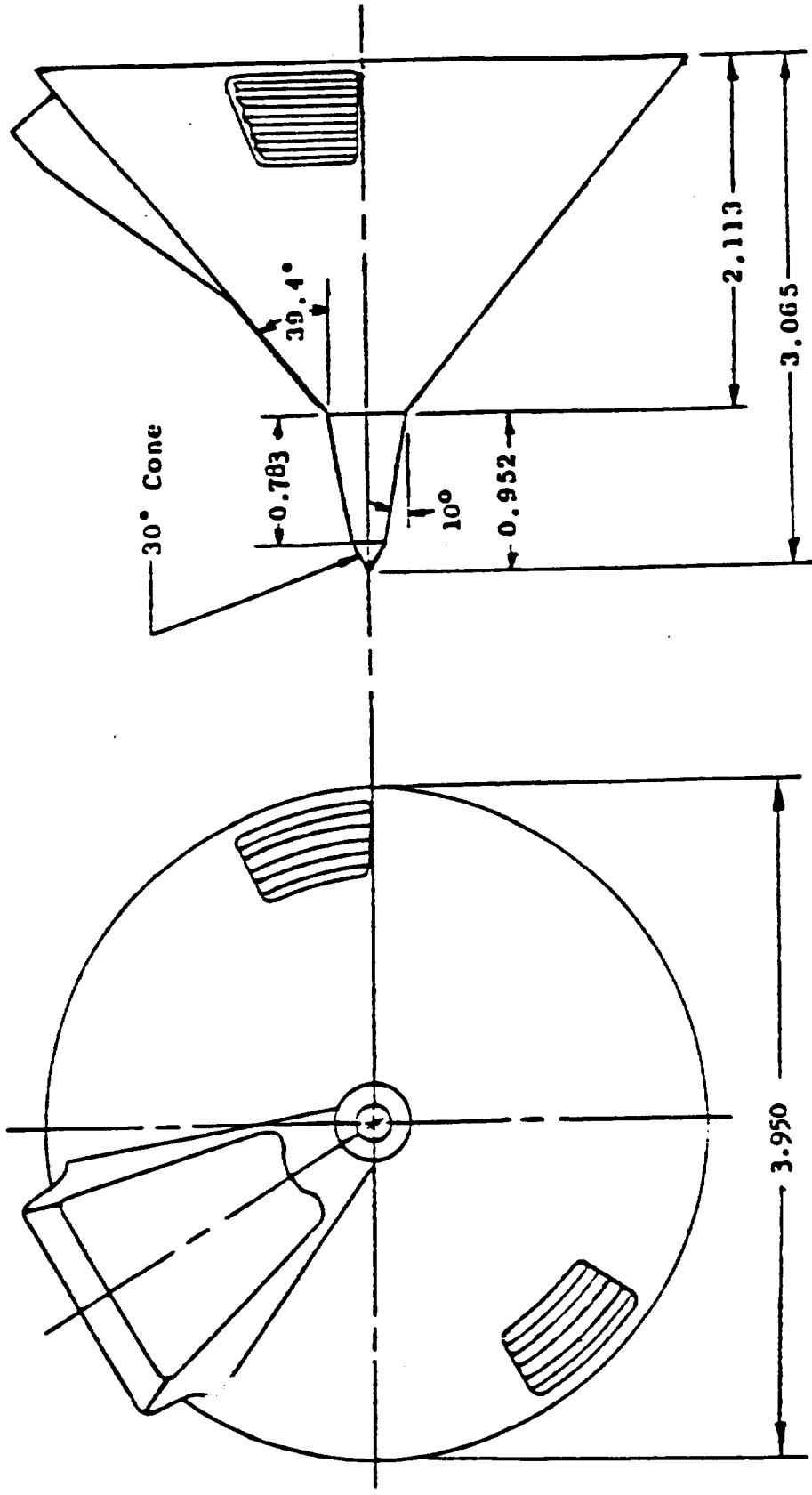


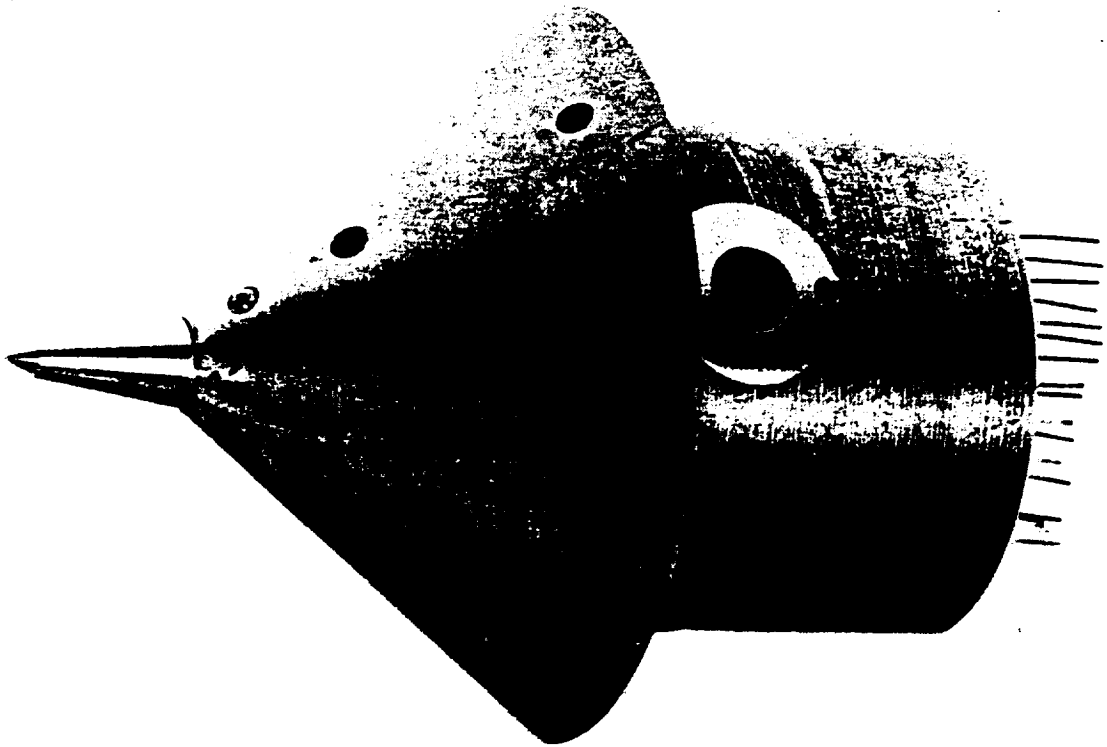
Figure 1b. Model Front View



MS  
22.905(Ref)

Dimensions in Inches

Figure 1c. AADS Probe and Cone



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OF POOR QUALITY

Figure 1d. AADS Probe & Cone



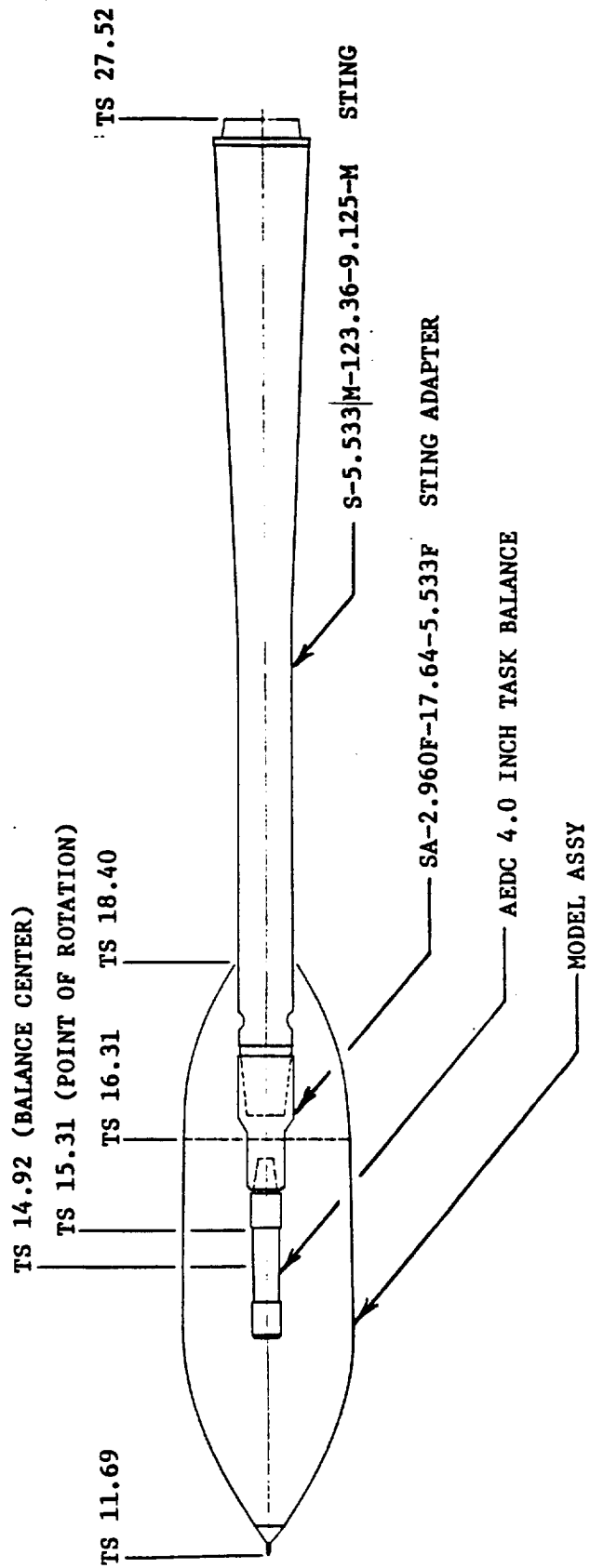


Figure 2. Model Installation

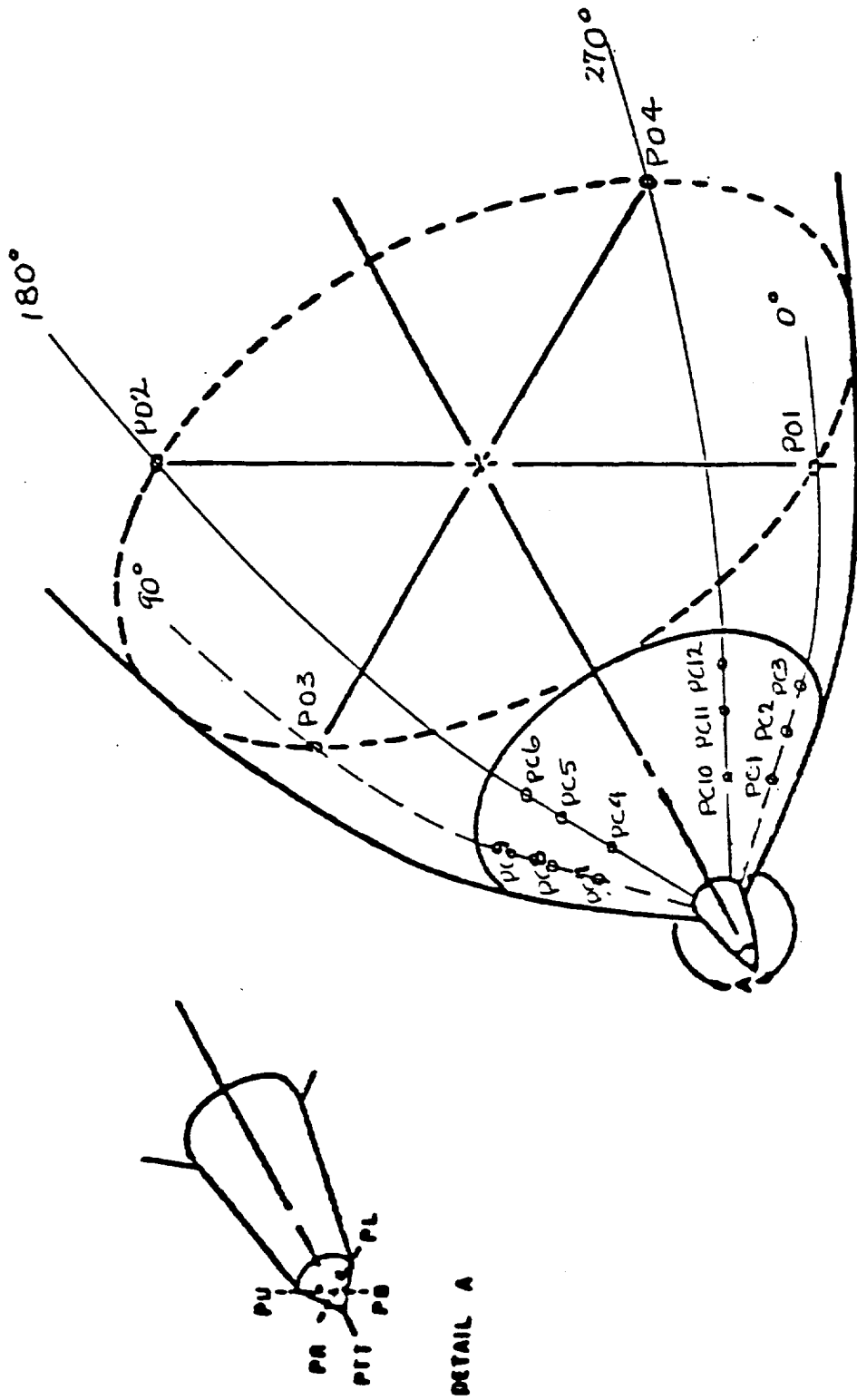


Figure 3. Pressure Instrumentation Location

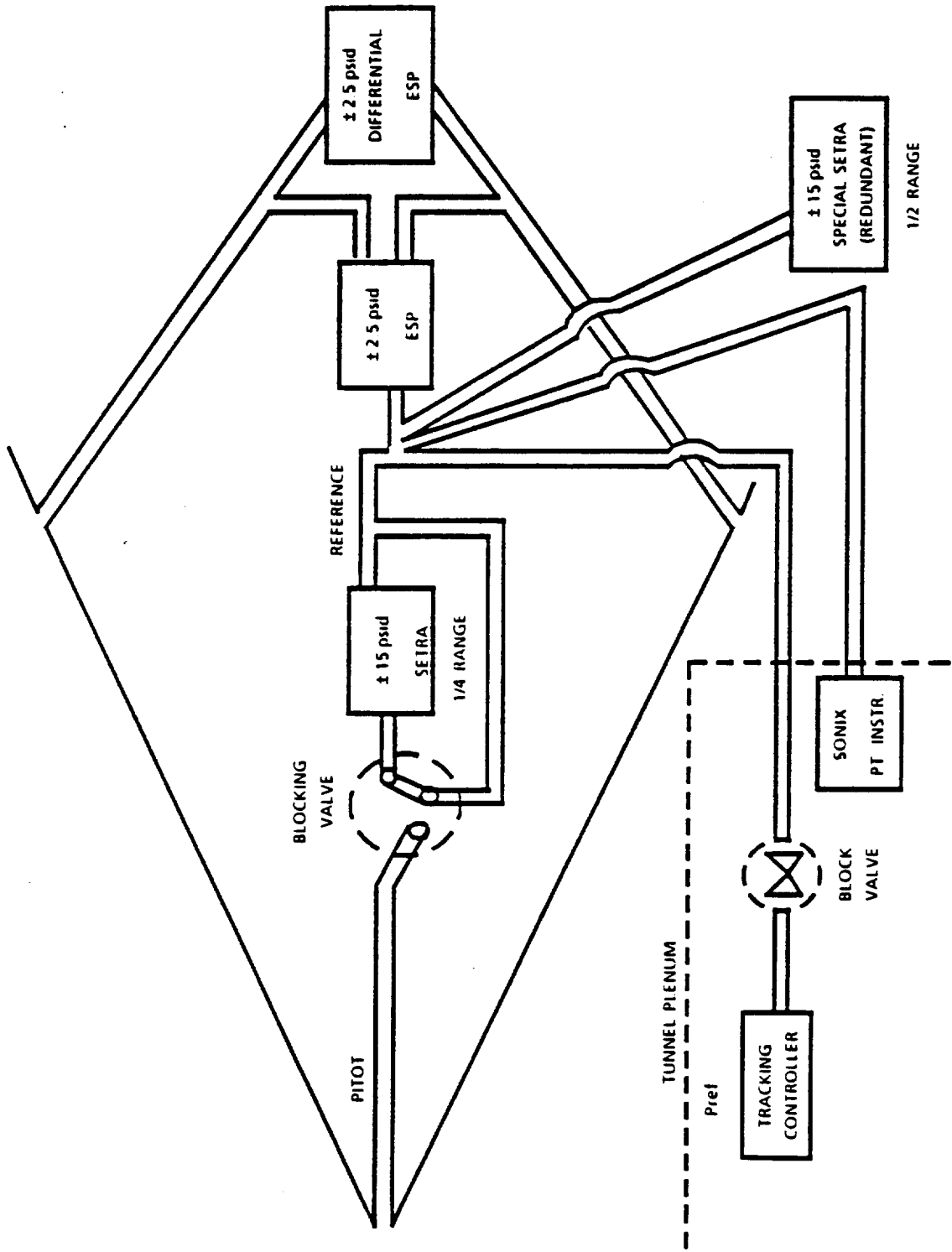
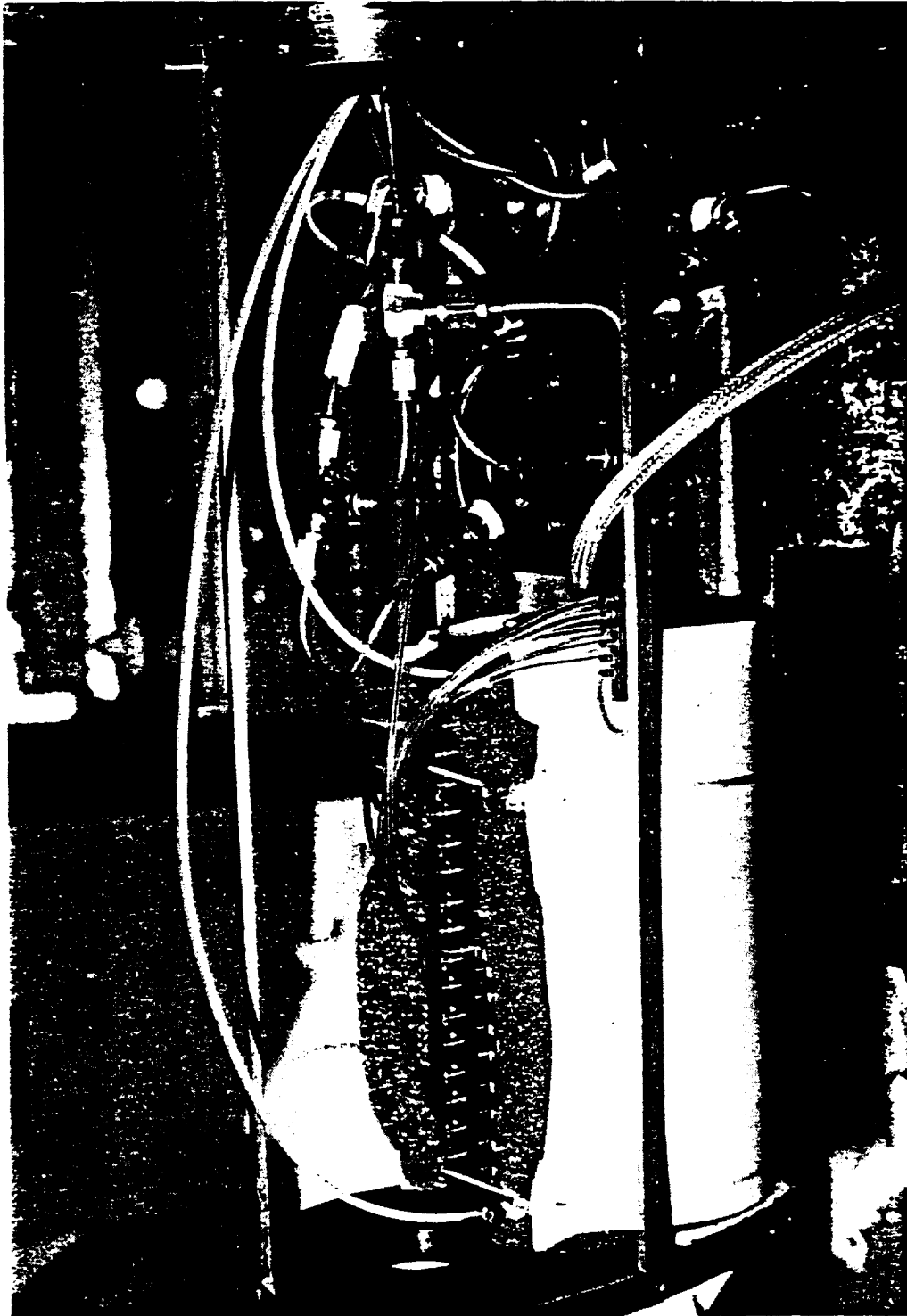


Figure 4. Pressure Instrumentation System Schematic



Figure 5. Instrumentation Arrangement - #1 Container

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Fire 6. Instrumentation Arrangement - #2 Container

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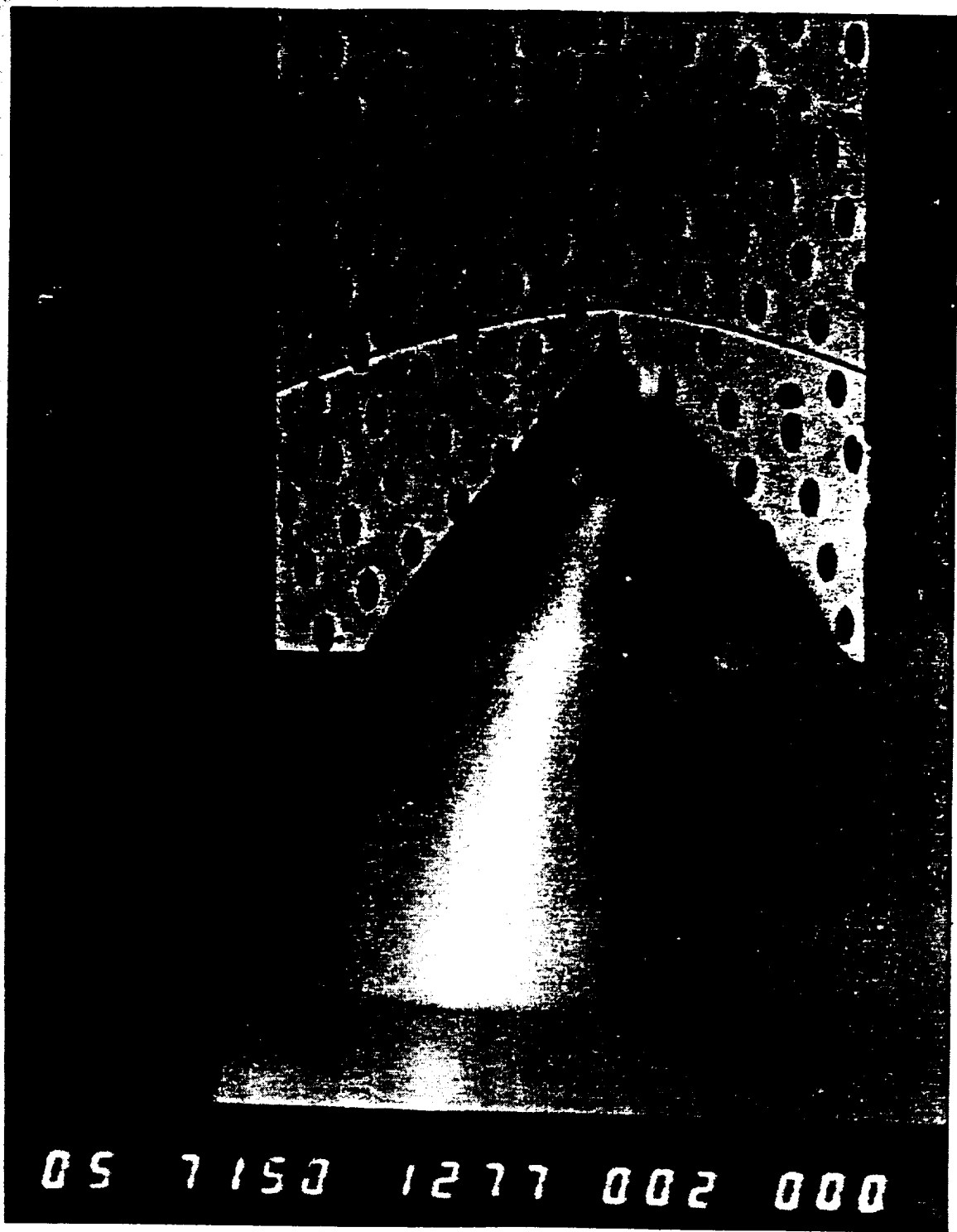


Figure 7. Shock Wave Shadowgraph (Mach 1.475)

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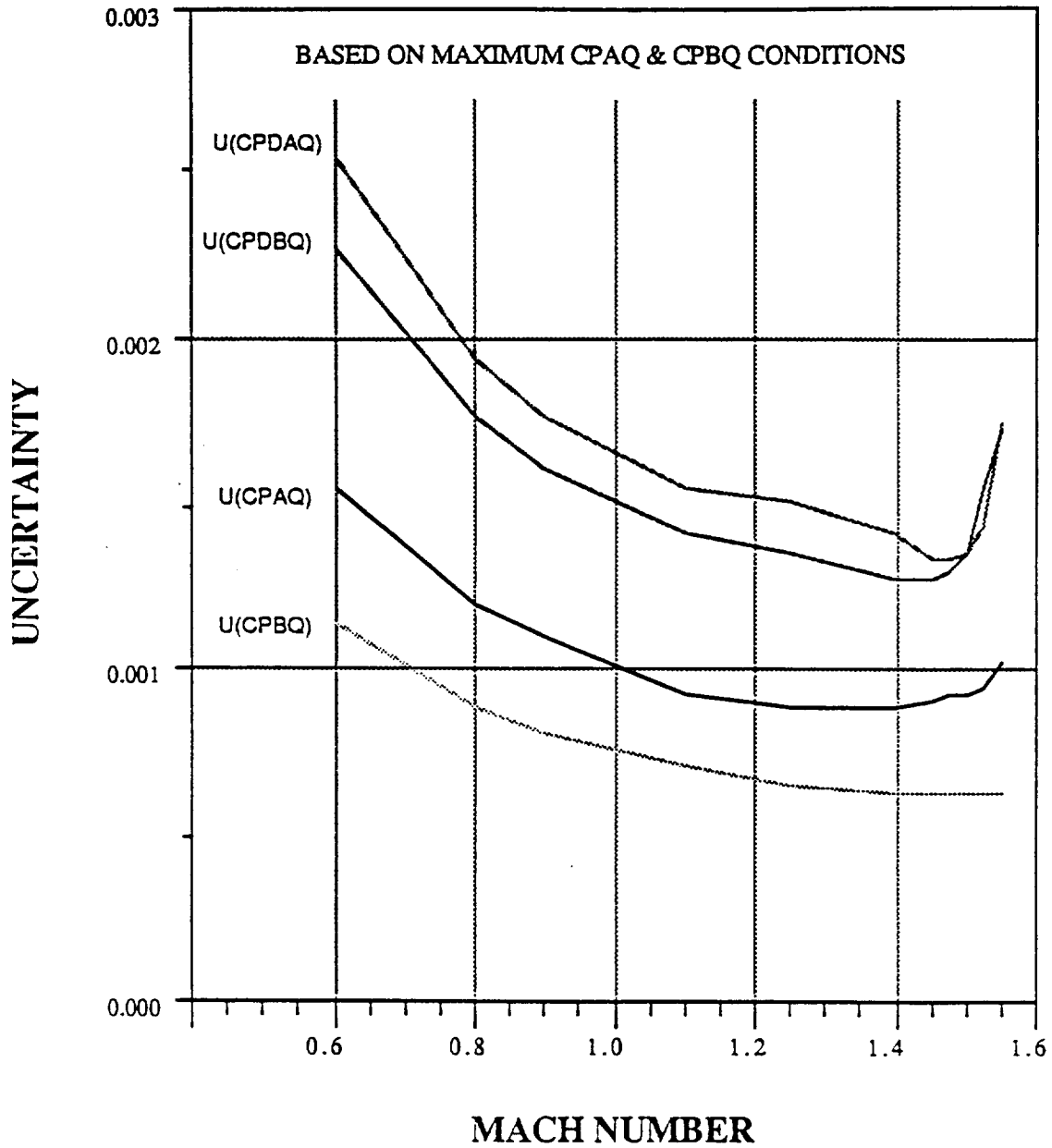


Figure 8a. Measurement Uncertainties - Probe Pressure Coefficients

# BASED ON MAXIMUM CPM CONDITIONS

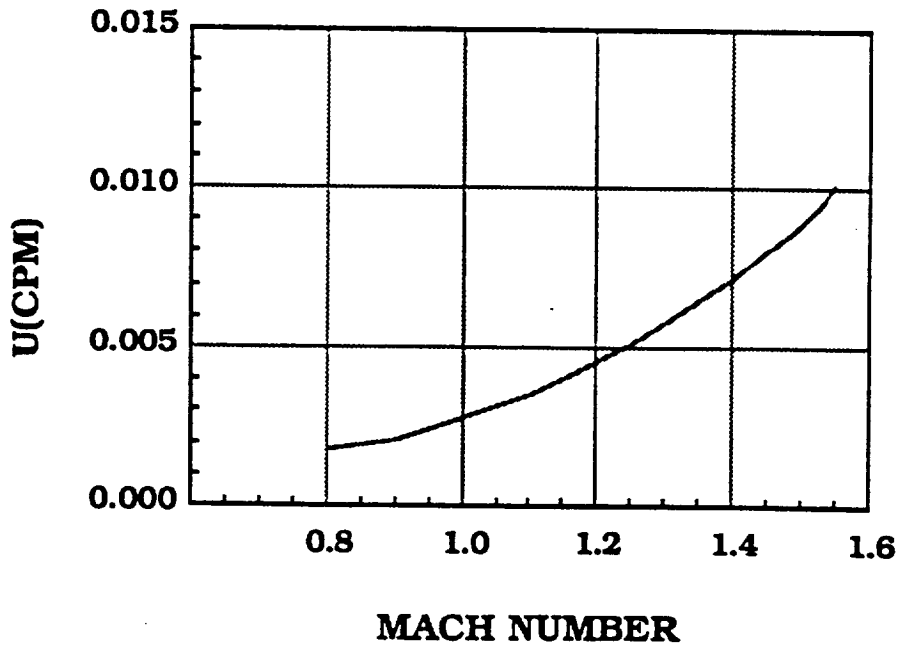
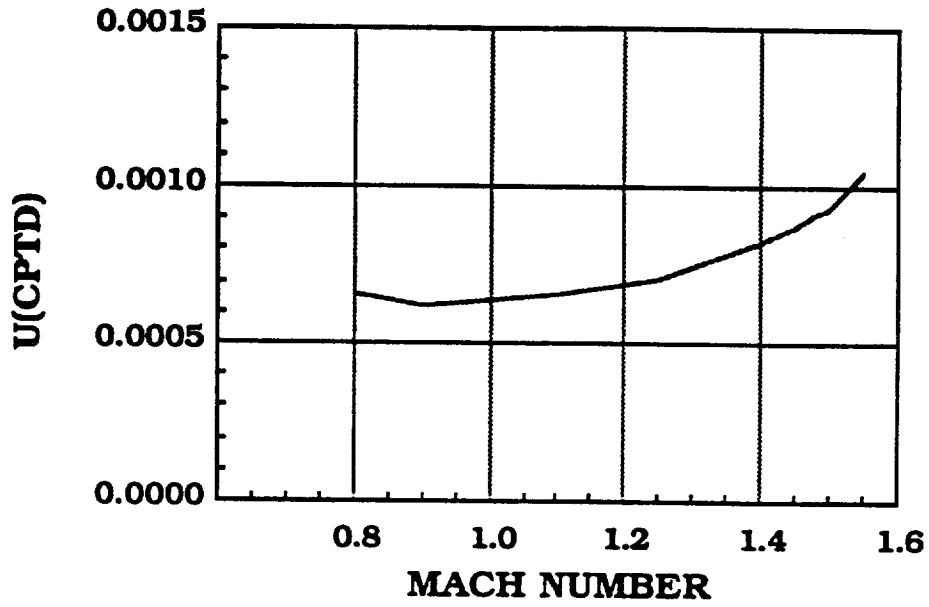


Figure 8b. Measurement Uncertainties - Total Pressure Coefficients



**APPENDIX**  
**TABULATED SOURCE DATA**



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DATE 04 OCT 91

IA310 (AEDC 16TF-783) TABULATED DATA

PAGE 421

(TCM001) ( 04 OCT 91 )

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 1102/ 0 RN/L = 3.20 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
.599	-8.006	-.01407	-.04533	-.33374	-.06710	-.00889	-.00179	.57160	1.24800	-.02102
.599	-6.998	-.01475	-.04507	-.29058	-.05820	-.00885	-.00177	.57864	1.25466	-.01995
.600	-6.001	-.01554	-.04481	-.24678	-.04929	-.00812	-.00162	.58428	1.26007	-.01192
.599	-4.998	-.01569	-.04448	-.20534	-.04083	-.00644	-.00128	.58907	1.26471	-.00802
.599	-3.995	-.01603	-.04418	-.16196	-.03208	-.00518	-.00103	.59277	1.26834	-.00493
.600	-3.002	-.01888	-.04436	-.11925	-.02363	-.00576	-.00114	.59568	1.27120	-.00323
.600	-1.999	-.01842	-.04401	-.07675	-.01517	-.00673	-.00133	.59770	1.27321	-.00145
.600	-.995	-.01803	-.04329	-.03607	-.00713	-.00731	-.00144	.59903	1.27454	-.00072
.600	.009	-.01842	-.00338	.00371	.00073	.00079	.00154	.59950	1.27500	-.00019
.600	1.003	-.01833	-.00307	.04504	.00890	.00724	.00143	.59962	1.27512	-.00036
.600	2.001	-.01843	-.00275	.08702	.01722	.00606	.00120	.60001	1.27552	-.00036
.600	3.011	-.02067	-.04197	.12947	.02563	.00414	.00082	.59967	1.27517	-.00065
.600	4.005	-.01873	-.00210	.17308	.03422	.00412	-.00081	.59908	1.27459	-.00070
.600	4.999	-.02193	-.04125	.21416	.04241	.00439	-.00087	.59814	1.27364	-.00167
.600	6.003	-.02297	-.04084	.25661	.05094	.00467	-.00093	.59598	1.27151	-.00350
.600	6.998	-.02344	-.04046	.29912	.05939	.00401	-.00080	.59210	1.26768	-.00588
.600	7.996	-.02366	-.04012	.33954	.06767	.00338	-.00067	.58781	1.26348	-.00935
GRADIENT		-.00043	.00104	.04174	.00827	.00019	.00004	.00080	.00079	.00054

RUN NO. 1109/ 0 RN/L = 3.76 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
.800	-8.000	-.02254	-.00648	-.31962	-.09656	-.00791	-.00239	.77175	1.48275	-.02799
.800	-6.987	-.02225	-.00604	-.27807	-.08343	-.00761	-.00228	.77866	1.49271	-.02104
.800	-5.995	-.02207	-.00564	-.23780	-.07097	-.00635	-.00190	.78465	1.50146	-.01535
.800	-4.981	-.02177	-.00523	-.19632	-.05833	-.00457	-.00136	.78954	1.50867	-.01060
.800	-3.994	-.02133	-.00483	-.15499	-.04586	-.00358	-.00106	.79302	1.51385	-.00687
.800	-2.997	-.02138	-.00446	-.11534	-.03401	-.00405	-.00119	.79590	1.51815	-.00374
.800	-1.993	-.02072	-.00408	-.07437	-.02189	-.00484	-.00143	.79741	1.52043	-.00211
.800	-.989	-.02070	-.00372	-.03470	-.01023	-.00579	-.00170	.79937	1.52339	-.00064
.800	.014	-.02019	-.00337	.00424	.00125	.00581	-.00171	.79930	1.52328	-.00043
.800	1.003	-.02001	-.00304	.04388	.01290	.00453	-.00133	.79921	1.52315	-.00066
.800	2.006	-.02013	-.00269	.08375	.02463	.00351	-.00103	.79961	1.52375	-.00044
.800	3.005	-.01995	-.00236	.12478	.03667	-.00218	-.00064	.79918	1.52310	-.00049
.799	4.004	-.01981	-.00204	.16608	.04876	-.00208	-.00061	.79835	1.52185	-.00054
.800	5.003	-.01962	-.00172	.20590	.06063	-.00192	-.00056	.79734	1.52033	-.00235
.800	6.002	-.01929	-.00142	.24594	.07262	-.00154	-.00045	.79597	1.51827	-.00429
.800	7.012	-.01903	-.00113	.28690	.08485	-.00084	-.00025	.79260	1.51322	-.00693
.800	8.001	-.01928	-.00078	.32603	.09691	-.00090	-.00027	.78888	1.50770	-.01116
GRADIENT		.00022	.00035	.04009	.01183	.00022	.00006	.00089	.00133	.00095

IA310 (AEDC 16TF-783) FLOW ANGULARITIES-FAIR OFF (TCMO01) ( 04 OCT 91 )

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 1118/ 0 RN/L = 3.89 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
.900	-8.002	-.02334	-.00657	-.30626	-.10572	-.00772	-.00266	.87196	1.64122	-.03011
.900	-6.993	-.02291	-.00611	-.26674	-.09147	-.00733	-.00251	.87928	1.65404	-.02271
.900	-5.994	-.02294	-.00571	-.22795	-.07769	-.00617	-.00210	.88524	1.66461	-.01632
.900	-4.990	-.02223	-.00526	-.18867	-.06395	-.00448	-.00152	.88966	1.67252	-.01117
.900	-3.991	-.02201	-.00486	-.14862	-.05018	-.00351	-.00118	.89357	1.67958	-.00705
.900	-2.976	-.02194	-.00448	-.10969	-.03691	-.00397	-.00133	.89592	1.68385	-.00402
.900	-1.994	-.02147	-.00410	-.07136	-.02399	-.00493	-.00166	.89805	1.68773	-.00243
.900	-.999	-.02146	-.00374	-.03344	-.01122	-.00575	-.00193	.89901	1.68950	-.00086
.900	.020	-.02124	-.00337	.00420	.00141	-.00554	-.00186	.89919	1.68982	-.00065
.900	1.003	-.02156	-.04262	.04224	.01416	-.00417	-.00140	.89905	1.68957	-.00062
.900	2.007	-.02072	-.00267	.08112	.02721	-.00322	-.00108	.89915	1.68975	-.00069
.900	3.011	-.02295	-.04186	.11949	.04008	-.00234	-.00079	.89914	1.68973	-.00068
.900	4.007	-.02329	-.04150	.15880	.05326	-.00227	-.00076	.89916	1.68976	-.00071
.899	5.006	-.02039	-.00166	.19722	.06621	-.00223	-.00075	.89759	1.68689	-.00200
.899	6.007	-.01956	-.00141	.23596	.07933	-.00164	-.00055	.89536	1.68284	-.00400
.900	7.002	-.02464	-.04036	.27453	.09266	-.00138	-.00047	.89304	1.67863	-.00715
.900	8.008	-.02512	-.03996	.31217	.10587	-.00144	-.00049	.88939	1.67204	-.01157
GRADIENT		-.00006	-.00419	.03842	.01294	.00021	.00007	.00087	.00159	.00098

RUN NO. 1147/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
1.099	-7.994	-.02904	-.00735	-.27584	-.11290	-.00434	-.00177	1.07366	2.06610	-.03122
1.100	-6.977	-.02928	-.00686	-.23993	-.09747	-.00406	-.00165	1.08129	2.08519	-.02296
1.100	-5.998	-.03274	-.00671	-.20584	-.08309	-.00322	-.00130	1.08669	2.09883	-.01637
1.100	-4.975	-.03061	-.04569	-.17066	-.06934	-.00193	-.00079	1.08080	2.08394	-.02326
1.100	-3.975	-.03289	-.00558	-.13446	-.05376	-.00135	-.00054	1.09427	2.11813	-.00689
GRADIENT		-.00229	.04012	.03621	.01558	.00058	.00025	.01348	.03420	.01638

IA310 (AEDC 16TF-783) FLOW ANGULARITIES-FAIR OFF (TCM001) ( 04 OCT 91 )

## PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 1159/ 0 RN/L = 2.99 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
1.250	-7.997	-.01784	-.00584	-.28164	-.12435	-.00568	-.00251	1.22332	2.47616	-.03226
1.250	-6.985	-.01234	-.04475	-.24536	-.10756	-.00544	-.00239	1.22962	2.49499	-.02476
1.250	-5.989	-.01598	-.00503	-.20977	-.09134	-.00433	-.00188	1.23503	2.51127	-.01793
1.250	-4.990	-.01355	-.00455	-.17459	-.07564	-.00291	-.00126	1.23945	2.52463	-.01272
1.249	-3.978	-.01350	-.00431	-.13705	-.05908	-.00224	-.00097	1.24279	2.53475	-.00797
1.250	-2.987	-.01482	-.04379	-.10138	-.04358	-.00269	-.00116	1.24591	2.54425	-.00480
1.250	-1.988	-.01732	-.00397	-.06566	-.02816	-.00340	-.00146	1.24722	2.54827	-.00283
1.250	-.985	-.01547	-.00365	-.02399	-.01285	-.00380	-.00163	1.24812	2.55101	-.00172
1.250	.029	-.01618	-.00338	.00445	.00191	-.00315	-.00135	1.24881	2.55311	-.00111
1.250	1.019	-.01727	-.04269	.03998	.01711	-.00217	-.00093	1.24933	2.55470	-.00063
1.250	2.017	-.01773	-.00277	.07512	.03215	-.00157	-.00067	1.24899	2.55366	-.00066
1.251	3.012	-.02060	-.04198	.11020	.04721	-.00158	-.00068	1.24954	2.55536	-.00120
1.250	3.971	-.01880	-.00212	.14543	.06233	-.00161	-.00069	1.24840	2.55187	-.00195
	GRADIENT	-.00068	-.00093	.03550	.01528	.00016	.00007	.00091	.00279	.00105

(TCMO02) ( 04 OCT 91 )

IA310 (AEDC 16TF-783) FLOW ANGULARITIES-FAIR OFF

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 1103/ 0 RN/L = 3.20 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
.599	-8.006	-.01388	-.04530	-.33340	-.06708	-.00880	-.00177	.57151	1.24793	-.02121
.599	-6.994	-.01911	-.00570	-.29077	-.05826	-.00839	-.00168	.57828	1.25432	-.01623
.599	-5.996	-.01920	-.00538	-.24774	-.04945	-.00743	-.00148	.58459	1.26036	-.01160
.599	-4.999	-.01897	-.00502	-.20539	-.04083	-.00585	-.00116	.58878	1.26443	-.00813
.599	-4.000	-.01855	-.00466	-.16252	-.03221	-.00447	-.00088	.59296	1.26852	-.00492
.600	-3.003	-.01851	-.00434	-.12001	-.02378	-.00510	-.00101	.59575	1.27128	-.00326
.600	-1.999	-.01741	-.00360	-.07660	-.01515	-.00633	-.00125	.59794	1.27345	-.00149
.600	-1.000	-.01850	-.00370	-.03593	-.00710	-.00644	-.00127	.59915	1.27465	-.00053
.600	.014	-.01845	-.04298	.00415	.00082	.00727	.00144	.59942	1.27493	-.00050
.600	1.002	-.01931	-.04265	.04509	.00892	.00685	-.00136	.59988	1.27539	-.00035
.601	2.001	-.01996	-.04232	.08679	.01719	.00567	-.00112	.60016	1.27567	-.00042
.601	3.005	-.02072	-.04197	.12981	.02571	.00457	-.00091	.60004	1.27555	-.00054
.601	4.010	-.02121	-.04162	.17313	.03432	-.00418	-.00083	.59943	1.27494	-.00113
.601	5.004	-.01821	-.00183	.21378	.04237	-.00421	-.00084	.59826	1.27377	-.00181
.600	6.003	-.02222	-.04091	.25660	.05087	-.00390	-.00077	.59564	1.27116	-.00343
.599	6.997	-.01829	-.00120	.29921	.05931	-.00347	-.00069	.59201	1.26758	-.00557
.600	7.997	-.02371	-.04012	.33913	.06759	-.00311	-.00062	.58760	1.26328	-.00946
GRADIENT		-.00029	-.00495	.04173	.00828	.00005	.00001	.00105	.00104	.00067

RUN NO. 1111/ 0 RN/L = 3.76 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
.800	-8.005	-.01600	-.04556	-.31922	-.09648	-.00642	-.00194	.77160	1.48253	-.02827
.800	-6.986	-.02105	-.00590	-.27793	-.08342	-.00642	-.00193	.77833	1.49223	-.02140
.800	-5.995	-.02079	-.00551	-.23791	-.07097	-.00542	-.00162	.78438	1.50107	-.01529
.800	-5.003	-.02051	-.00513	-.19683	-.05846	-.00386	-.00115	.78911	1.50803	-.01071
.800	-3.989	-.02060	-.00478	-.15488	-.04580	-.00311	-.00092	.79298	1.51380	-.00665
.800	-2.997	-.02065	-.00443	-.11497	-.03391	-.00354	-.00104	.79615	1.51854	-.00375
.800	-1.999	-.01879	-.04364	-.07454	-.02195	-.00463	-.00136	.79785	1.52109	-.00198
.800	-.989	-.01937	-.04331	-.03471	-.01021	-.00531	-.00156	.79929	1.52326	-.00075
.800	.025	-.01958	-.00337	.00452	.00133	.00548	.00161	.79954	1.52365	-.00043
.799	1.008	-.01962	-.00304	.04397	.01292	.00480	-.00141	.79882	1.52255	-.00053
.799	2.007	-.01958	-.00271	.08445	.02481	.00345	-.00101	.79900	1.52283	-.00043
.800	3.005	-.01961	-.00238	.12442	.03657	-.00264	-.00078	.79928	1.52326	-.00048
.800	4.020	-.02262	-.04153	.16615	.04887	-.00257	-.00072	.79872	1.52241	-.00105
.800	5.003	-.01968	-.00171	.20607	.06064	-.00245	-.00072	.79748	1.52055	-.00204
.799	6.018	-.02326	-.04082	.24666	.07272	-.00239	-.00071	.79532	1.51729	-.00404
.799	7.002	-.01891	-.00115	.28689	.08485	-.00198	-.00059	.79143	1.51148	-.00766
.800	7.995	-.02440	-.04005	.32571	.09583	-.00174	-.00052	.78865	1.50735	-.01139
GRADIENT		-.00011	-.00031	.03995	.01177	.00013	.00004	.00057	.00086	.00059

IA310 (AEDC 16TF-783) FLOW ANGULARITIES-FAIR OFF (TCM002) ( 04 OCT 91 )

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 1148/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
1.099	-8.010	-.02222	-.04640	-.27641	-.11313	-.00440	-.00180	1.07327	2.06512	-.03135
1.100	-6.971	-.02928	-.00686	-.23959	-.09731	-.00413	-.00168	1.08159	2.08594	-.02269
1.100	-5.993	-.03189	-.00662	-.20578	-.08304	-.00330	-.00133	1.08646	2.09824	-.01627
1.100	-4.996	-.03368	-.00622	-.17117	-.06875	-.00206	-.00083	1.09094	2.10962	-.01123
1.100	-3.973	-.03108	-.00546	-.13455	-.05380	-.00139	-.00056	1.09406	2.11759	-.00694
1.100	-2.982	-.00271	-.04320	-.09941	-.03964	-.00043	-.00017	1.09668	2.12430	-.00401
1.100	-2.001	-.00703	-.00364	-.06414	-.02551	-.00185	-.00073	1.09833	2.12855	-.00175
1.100	-.979	-.02802	-.00383	-.02938	-.01167	-.00164	-.00065	1.09943	2.13138	-.00065
1.100	.003	-.01360	-.00339	-.00270	-.00107	-.00149	-.00059	1.09975	2.13220	-.00016
1.100	1.004	-.02436	-.00295	.03730	.01481	-.00080	-.00032	1.09993	2.13267	-.00009
1.099	2.015	-.01541	-.00286	.07196	.02858	-.00003	.00001	1.09917	2.13072	-.00029
1.100	3.022	-.01094	-.00284	.10683	.04242	.00017	.00007	1.09950	2.13156	-.00007
1.099	4.009	-.02767	-.00148	.14239	.05657	-.00022	-.00009	1.09876	2.12964	-.00076
1.100	5.026	-.02871	-.00091	.17835	.07095	.00021	.00008	1.09831	2.12849	-.00184
1.100	6.005	-.02670	-.00065	.21258	.08473	.00086	.00034	1.09629	2.12331	-.00392
1.100	7.008	-.02251	-.00071	.24730	.09891	.00113	.00045	1.09382	2.11696	-.00724
1.099	8.009	-.02325	-.04020	.28017	.11252	.00132	.00053	1.08982	2.10677	-.01166
GRADIENT		.00057	.00161	.03458	.01380	.00020	.00008	.00076	.00196	.00101

IA310 (AEDC 16TF-783) FLOW ANGULARITIES-FAIR OFF (TCM003) ( 04 OCT 91 )

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 1108/ O RN/L = 3.20 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
.599	-8.006	-.02013	-.00619	-.33201	-.06710	-.01036	-.00209	.57190	1.24828	-.02137
.600	-6.993	-.02011	-.00582	-.29032	-.05823	-.01034	-.00207	.57856	1.25459	-.01631
.600	-5.996	-.01999	-.00546	-.24789	-.04953	-.00874	-.00175	.58465	1.26043	-.01183
.599	-5.004	-.01990	-.00510	-.20609	-.04095	-.00733	-.00146	.58931	1.26495	-.00774
.600	-3.995	-.01952	-.00472	-.16170	-.03208	-.00621	-.00123	.59312	1.26868	-.00511
.600	-2.997	-.01729	-.04392	-.11933	-.02366	-.00588	-.00117	.59605	1.27158	-.00319
.600	-2.004	-.01902	-.00403	-.07723	-.01528	-.00655	-.00130	.59794	1.27345	-.00148
.600	-1.000	-.01907	-.00371	-.03631	-.00717	-.00681	-.00134	.59913	1.27463	-.00045
.600	.009	-.01892	-.00338	.00365	.00072	-.00790	-.00156	.59981	1.27532	-.00027
.601	1.002	-.01870	-.00306	.04479	.00887	-.00703	-.00139	.60005	1.27556	-.00054
.601	2.001	-.01889	-.00273	.08654	.01713	-.00564	-.00112	.60011	1.27562	-.00033
.601	3.000	-.01865	-.00242	.12990	.02571	-.00435	-.00086	.59995	1.27546	-.00045
.601	4.005	-.01880	-.00209	.17297	.03425	-.00404	-.00080	.59956	1.27506	-.00082
.601	5.004	-.01844	-.00181	.21436	.04250	-.00387	-.00077	.59833	1.27384	-.00185
.601	6.008	-.01799	-.00154	.25648	.05095	-.00346	-.00069	.59610	1.27162	-.00362
.600	6.997	-.01839	-.00119	.29900	.05946	-.00295	-.00059	.59255	1.26812	-.00598
.600	8.002	-.01829	-.00089	.34030	.06778	-.00209	-.00042	.58770	1.26338	-.00926
GRADIENT		-.00001	.00230	.04158	.00824	.00025	.00005	.00071	.00071	.00046

RUN NO. 1112/ O RN/L = 3.75 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
.800	-8.005	-.02271	-.00650	-.31950	-.09653	-.00779	-.00235	.77105	1.48175	-.02845
.800	-6.992	-.02243	-.00607	-.27799	-.08343	-.00718	-.00216	.77885	1.49299	-.02105
.800	-5.995	-.02183	-.00562	-.23811	-.07104	-.00625	-.00186	.78448	1.50121	-.01533
.800	-4.982	-.01836	-.04468	-.19653	-.05836	-.00455	-.00135	.78959	1.50875	-.01034
.800	-3.983	-.02145	-.00483	-.15442	-.04566	-.00331	-.00098	.79290	1.51367	-.00670
.799	-2.996	-.02079	-.00444	-.11456	-.03377	-.00376	-.00111	.79538	1.51738	-.00400
.800	-1.993	-.02077	-.00408	-.07406	-.02179	-.00466	-.00137	.79781	1.52103	-.00181
.800	-1.000	-.02054	-.00372	-.03477	-.01023	-.00548	-.00161	.79895	1.52275	-.00115
.800	.015	-.02049	-.04297	.00419	.00123	-.00551	-.00162	.79966	1.52383	-.00063
.800	1.013	-.02078	-.04263	.04432	.01303	-.00438	-.00129	.79904	1.52288	-.00060
.800	2.006	-.02139	-.04227	.08393	.02467	-.00319	-.00094	.79962	1.52376	-.00019
.799	3.004	-.01968	-.00238	.12441	.03655	-.00192	-.00052	.79878	1.52249	-.00062
.800	4.010	-.01969	-.00204	.16579	.04876	-.00178	-.00052	.79873	1.52241	-.00109
.800	5.003	-.01919	-.00176	.20567	.06053	-.00159	-.00047	.79771	1.52089	-.00191
.800	6.002	-.01967	-.00138	.24591	.07251	-.00148	-.00044	.79560	1.51771	-.00396
.800	7.012	-.01859	-.00118	.28687	.08489	-.00086	-.00025	.79216	1.51256	-.00741
.800	8.000	-.01905	-.00081	.32593	.09682	-.00069	-.00021	.78795	1.50632	-.01147
GRADIENT		-.00001	.00034	.04002	.01181	.00023	.00007	.00090	.00135	.00090



IA310 (AEDC 16TF-783) FLOW ANGULARITIES-FAIR OFF (TCM003) ( 04 OCT 91 )

PARAMETRIC DATA

MACH	ALPHA	BETA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
1.099	-7.994	-.02080	-.04620	-.27606	-.11300	-.00434	-.00178	1.07360	2.06596	-.03127
1.100	-6.988	-.02560	-.04631	-.24035	-.09763	-.00411	-.00167	1.08128	2.08516	-.02287
1.100	-5.988	-.03152	-.00658	-.20567	-.08303	-.00327	-.00132	1.08667	2.09876	-.01651
1.100	-4.990	-.03016	-.04566	-.17125	-.06875	-.00211	-.00085	1.09076	2.10915	-.01108
1.100	-3.991	-.03111	-.04516	-.13491	-.05397	-.00137	-.00055	1.09419	2.11793	-.00724
1.100	-2.980	-.03066	-.00491	-.09928	-.03957	-.00175	-.00070	1.09640	2.12358	-.00386
1.100	-1.980	-.00680	-.00364	-.06354	-.02527	-.00147	-.00058	1.09823	2.12827	-.00176
1.100	-.993	-.02376	-.00377	-.03003	-.01194	-.00164	-.00065	1.09914	2.13062	-.00091
1.099	.021	-.01222	-.00339	-.00340	-.00135	-.00126	-.00050	1.09907	2.13046	-.00019
1.100	.990	-.01733	-.00309	-.03674	-.01459	-.00085	-.00034	1.09972	2.13212	-.00028
1.100	2.010	-.01578	-.00285	-.07153	-.02841	-.00007	-.00003	1.09936	2.13119	-.00021
1.100	3.016	-.02193	-.00225	-.10655	-.04235	-.00052	-.00021	1.09932	2.13110	-.00026
1.100	4.019	-.00944	-.04246	-.14277	-.05672	-.00079	-.00031	1.09895	2.13014	-.00074
1.100	5.014	-.01294	-.04205	-.17784	-.07072	-.00122	-.00048	1.09823	2.12830	-.00167
1.099	6.010	-.02642	-.00067	-.21285	-.08481	-.00096	-.00038	1.09644	2.12367	-.00368
1.100	7.007	-.02340	-.00060	-.24710	-.09881	-.00112	-.00045	1.09381	2.11695	-.00715
1.099	8.004	-.02222	-.04035	-.28016	-.11249	-.00137	-.00055	1.08964	2.10631	-.01158
GRADIENT		.00185	.00207	.03458	.01380	.00030	.00012	.00078	.00200	.00100

RUN NO. 1149/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00 BETA = .000 PHI = .000

IA310 (AEDC 16TF-783) FLOW ANGULARITIES-FAIR OFF (TCM004) ( 04 OCT 91 )

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 1116/ 0 RN/L = 3.76 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PHI	CPAQ	CPALPH	CPBO	CPBETA	MPROBE	CPM	CPTD
.800	-8.006	-.02088	-.00626	-.31931	-.09654	-.00620	-.00187	.77145	1.48232	-.02847
.800	-6.987	-.02122	-.00593	-.27808	-.08346	-.00631	-.00190	.77833	1.49223	-.02139
.800	-5.995	-.02091	-.00553	-.23804	-.07104	-.00544	-.00162	.78458	1.50134	-.01534
.800	-4.992	-.02057	-.00513	-.19685	-.05842	-.00367	-.00109	.78952	1.50864	-.01017
.800	-3.994	-.02021	-.00475	-.15498	-.04585	-.00280	-.00083	.79303	1.51386	-.00684
.800	-2.997	-.02025	-.00441	-.11521	-.03398	-.00343	-.00101	.79574	1.51791	-.00399
.800	-1.988	-.01997	-.00405	-.07381	-.02173	-.00469	-.00138	.79803	1.52137	-.00191
.800	-.984	-.01913	-.04330	-.03446	-.01014	-.00528	-.00155	.79914	1.52305	-.00095
.800	.014	-.01967	-.00337	.00417	.00123	-.00578	-.00170	.79950	1.52359	-.00041
.800	1.008	-.01946	-.00304	.04405	.01294	-.00467	-.00137	.79931	1.52330	-.00037
.800	2.017	-.02086	-.04229	.08458	.02486	-.00344	-.00101	.79940	1.52343	-.00034
.800	3.016	-.01981	-.00237	.12507	.03676	-.00268	-.00079	.79907	1.52294	-.00061
.800	4.004	-.01963	-.00205	.16571	.04871	-.00270	-.00079	.79873	1.52242	-.00086
.800	5.003	-.02304	-.04117	.20556	.06051	-.00294	-.00087	.79743	1.52046	-.00218
.800	6.002	-.02342	-.04081	.24595	.07254	-.00263	-.00078	.79575	1.51794	-.00394
.799	7.001	-.01895	-.00114	.28674	.08480	-.00221	-.00065	.79208	1.51244	-.00722
.800	8.000	-.01944	-.00075	.32616	.09690	-.00216	-.00064	.78823	1.50673	-.01138
	GRADIENT	.00006	-.00062	.04007	.01182	.00005	.00002	.00090	.00134	.00091





IA310 (AEDC 16TF-783) FLOW ANGULARITIES-FAIR OFF (TCM005) ( 04 OCT 91 )

## PARAMETRIC DATA

BETA = .000 PHI = 180.000

RUN NO. 1161/ 0 RN/L = 2.99 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
1.250	7.989	.00517	179.99160	.28230	.12212	.00694	.00300	1.24032	2.52727	-.01132
1.250	6.983	.00606	179.99160	.24647	.10619	.00658	.00284	1.24424	2.53917	-.00705
1.249	5.992	.00539	179.99180	.21121	.09071	.00539	.00232	1.24593	2.54432	-.00417
1.250	4.988	.00302	179.99210	.17602	.07546	.00399	.00171	1.24800	2.55065	-.00215
1.250	3.993	.00193	179.99220	.13900	.05953	.00313	.00134	1.24867	2.55267	-.00128
1.250	2.981	.00479	179.99210	.10250	.04389	.00348	.00149	1.24939	2.55489	-.00092
1.250	1.992	.00736	179.99210	.06667	.02856	.00412	.00176	1.24882	2.55316	-.00133
1.250	.988	.00598	179.99230	.03135	.01343	.00438	.00188	1.24911	2.55403	-.00134
1.250	-.014	.00724	179.99240	-.00328	-.00140	.00373	.00160	1.24906	2.55387	-.00122
1.250	-1.015	.00584	179.99250	-.03889	-.01665	.00272	.00117	1.24904	2.55381	-.00104
1.250	-2.013	.00747	179.99260	-.07363	-.03158	.00223	.00096	1.24748	2.54907	-.00270
1.250	-3.008	.00869	179.99280	-.10868	-.04675	.00249	.00107	1.24563	2.54341	-.00548
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA310 (AEDC 16TF-783) FLOW ANGULARITIES-FAIR OFF (TCM006) ( 04 OCT 91 )

## PARAMETRIC DATA

ALPHA = .000 PHI = 90.000

RUN NO. 1106/ 0 RN/L = 3.20 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	ALPHA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
.599	-3.996	.02141	90.01819	.00807	.00160	-.16271	-.03216	.59573	1.27126	-.00268
.600	-2.990	.02088	90.01817	.00843	.00167	-.12010	-.02374	.59789	1.27341	-.00141
.599	-1.995	.02042	90.01814	.00876	.00173	-.07850	-.01549	.59874	1.27425	-.00042
.600	-.996	.01967	90.01814	.00818	.00162	-.03790	-.00749	.59919	1.27470	-.00051
.600	.010	.01911	90.01813	.00829	.00164	.00382	.00076	.59958	1.27509	-.00047
.600	1.007	.01849	90.01813	.00672	.00133	.04583	.00905	.59945	1.27495	-.00031
.600	1.997	.01825	90.01813	.00667	.00132	.08701	.01723	.59929	1.27479	-.00093
.601	2.992	.01779	90.01814	.00598	.00119	.12899	.02557	.59871	1.27422	-.00154
.601	3.989	.01677	90.01816	.00714	.00142	.17187	.03415	.59724	1.27276	-.00302
	GRADIENT	-.00056	-.00000	-.00028	-.00005	.04176	.00827	.00017	.00016	-.00004

IA310 (AEDC 16TF-783) FLOW ANGULARITIES-FAIR OFF

(TCM006) ( 04 OCT 91 )

PARAMETRIC DATA

ALPHA = .000 PHI = 90.0000

RUN NO. 1113/ 0 RN/L = 3.75 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	ALPHA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
.800	-3.992	.02234	90.01820	.00602	.00177	-.15631	-.04609	.79585	1.51808	-.00379
.800	-2.987	.02174	90.01817	.00645	.00190	-.11543	-.03398	.79803	1.52136	-.00186
.800	-1.977	.02090	90.01816	.00666	.00196	-.07500	-.02205	.79909	1.52296	-.00074
.800	-.989	.02037	90.01814	.00691	.00203	-.03606	-.01061	.79934	1.52335	-.00083
.800	.016	.01960	90.01813	.00620	.00182	.00347	.00102	.79917	1.52309	-.00058
.799	1.001	.01913	90.01813	.00515	.00151	.04382	.01287	.79861	1.52225	-.00066
.800	2.003	.01824	90.01813	.00455	.00134	.08477	.02492	.79869	1.52237	-.00080
.800	3.002	.01735	90.01813	.00394	.00116	.12488	.03674	.79779	1.52100	-.00172
.800	3.990	.01668	90.01814	.00478	.00141	.16574	.04884	.79657	1.51916	-.00314
	GRADIENT	-.00071	-.00001	-.00031	-.00009	.04025	.01185	.00001	.00002	.00005

RUN NO. 1120/ 0 RN/L = 3.89 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	ALPHA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
.900	-3.986	.02314	90.01820	.00606	.00204	-.14963	-.05035	.89651	1.68492	-.00377
.900	-2.981	.02268	90.01817	.00679	.00228	-.11118	-.03734	.89840	1.68838	-.00183
.900	-1.982	.02190	90.01816	.00709	.00238	-.07275	-.02440	.89910	1.68966	-.00082
.900	-.983	.02126	90.01814	.00703	.00236	-.03442	-.01154	.89906	1.68958	-.00054
.900	.012	.02055	90.01813	.00652	.00219	.00370	.00124	.89919	1.68981	-.00054
.899	1.002	.01995	90.01813	.00531	.00178	.04221	.01415	.89899	1.68946	-.00054
.899	1.998	.01931	90.01813	.00455	.00153	.08110	.02719	.89873	1.68898	-.00075
.900	3.003	.01823	90.01813	.00460	.00154	.11915	.04001	.89820	1.68801	-.00179
.900	3.993	.01708	90.01814	.00519	.00174	.15869	.05336	.89679	1.68544	-.00328
	GRADIENT	-.00074	-.00001	-.00028	-.00009	.03860	.01297	-.00000	-.00001	.00004

RUN NO. 1151/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	ALPHA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
1.100	-3.983	.00560	90.01820	.00220	.00088	-.13561	-.05402	1.09710	2.12537	-.00325
1.100	-2.982	.00729	90.01817	.00250	.00099	-.10055	-.04000	1.09826	2.12838	-.00184
1.100	-1.980	.00826	90.01816	.00310	.00123	-.06524	-.02593	1.09935	2.13118	-.00075
1.100	-.995	.01167	90.01814	.00290	.00115	-.03086	-.01226	1.09955	2.13167	-.00019
1.100	.021	.01305	90.01813	.00192	.00076	.00387	.00154	1.09986	2.13248	-.00027
1.100	1.005	.02379	90.01813	.00141	.00056	.03838	.01525	1.09972	2.13213	-.00031
1.100	2.016	.01716	90.01813	.00133	.00053	.07253	.02881	1.09915	2.13065	-.00050
1.100	3.005	.01626	90.01813	.00144	.00057	.10623	.04224	1.09851	2.12900	-.00144
1.100	4.001	.02292	90.01814	.00302	.00120	.14220	.05664	1.09683	2.12469	-.00324
	GRADIENT	.00204	-.00001	-.00008	-.00003	.03467	.01380	-.00001	-.00002	.00003

IA310 (AEDC 16TF-783) FLOW ANGULARITIES-FAIR OFF (TCM006) ( 04 OCT 91 )

## PARAMETRIC DATA

ALPHA = .000 PHI = 90.000

RUN NO. 1162/ O RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	ALPHA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
1.250	-3.987	.01507	90.01820	.00429	.00184	-.13787	-.05923	1.24639	2.54573	-.00433
1.250	-2.967	.01950	90.01817	.00462	.00198	-.10159	-.04356	1.24842	2.55193	-.00215
1.250	-1.988	.01834	90.01816	.00504	.00216	-.06628	-.02840	1.24842	2.55192	-.00181
1.250	-.984	.01727	90.01814	.00500	.00214	-.03062	-.01312	1.24862	2.55253	-.00151
1.250	.027	.01667	90.01813	.00392	.00168	.00475	.00204	1.24902	2.55377	-.00085
1.250	1.007	.01555	90.01813	.00277	.00118	.04011	.01717	1.24914	2.55411	-.00074
1.250	2.002	.01521	90.01813	.00245	.00105	.07556	.03235	1.24869	2.55274	-.00100
1.250	3.003	.01650	90.01813	.00311	.00133	.11036	.04732	1.24759	2.54940	-.00244
GRADIENT		-.00024	-.00001	-.00032	-.00014	.03555	.01525	.00015	.00045	.00027

IA310 (AEDC 16TF-783) FLOW ANGULARITIES-FAIR OFF (TCM007) ( 04 OCT 91 )

## PARAMETRIC DATA

ALPHA = .000 PHI = -90.000

RUN NO. 1107/ O RN/L = 3.20 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	ALPHA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
.599	4.032	-.01120	-89.98788	-.00397	-.00078	.16315	.03224	.59622	1.27174	-.00229
.600	3.022	-.01074	-89.98790	-.00455	-.00090	.12075	.02389	.59818	1.27369	-.00139
.600	1.999	-.01043	-89.98792	-.00617	-.00122	.07829	.01548	.59899	1.27450	-.00081
.600	1.003	-.00986	-89.98793	-.00711	-.00140	.03727	.00737	.59903	1.27453	-.00069
.600	-.010	-.00936	-89.98793	-.00684	-.00135	-.00366	-.00072	.59931	1.27482	-.00046
.600	-1.008	-.00976	-89.98793	-.00578	-.00114	-.04522	-.00895	.59951	1.27501	-.00075
.601	-2.016	-.00899	-89.98793	-.00436	-.00086	-.08627	-.01710	.59927	1.27478	-.00117
.601	-3.016	-.00866	-89.98792	-.00299	-.00059	-.12863	-.02550	.59815	1.27366	-.00191
.601	-4.033	-.00798	-89.98790	-.00250	-.00050	-.17179	-.03411	.59625	1.27177	-.00344
GRADIENT		-.00037	.00000	-.00025	-.00005	.04137	.00819	-.00002	-.00002	.00011

RUN NO. 1114/ O RN/L = 3.75 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	ALPHA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
.800	4.024	-.01262	-89.98788	-.00176	-.00052	.15723	.04636	.79704	1.51987	-.00302
.800	3.019	-.01190	-89.98790	-.00287	-.00084	.11682	.03438	.79829	1.52176	-.00160
.800	1.997	-.01136	-89.98792	-.00420	-.00124	.07644	.02248	.79921	1.52314	-.00080
.800	1.001	-.01093	-89.98793	-.00497	-.00146	.03625	.01066	.79917	1.52308	-.00060
.800	-.016	-.01071	-89.98793	-.00461	-.00135	-.00322	-.00095	.79930	1.52328	-.00053
.800	-1.009	-.01025	-89.98793	-.00360	-.00106	-.04348	-.01278	.79887	1.52263	-.00075
.799	-2.016	-.00956	-89.98793	-.00190	-.00056	-.08368	-.02460	.79836	1.52187	-.00103
.800	-3.022	-.00917	-89.98792	-.00100	-.00029	-.12378	-.03648	.79757	1.52066	-.00256
.800	-4.020	-.00883	-89.98792	-.00038	-.00029	-.16491	-.04865	.79582	1.51805	-.00397
GRADIENT		-.00046	.00000	-.00024	-.00007	.03995	.01177	.00015	.00022	.00012

IA310 (AEDC 16TF-783) FLOW ANGULARITIES-FAIR OFF (TCM007) ( 04 OCT 91 )

PARAMETRIC DATA

ALPHA = .000 PHI = -90.000

RUN NO. 1121/ 0 RN/L = 3.89 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	ALPHA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
.900	4.024	-.01415	-89.98788	-.00178	-.00060	.15099	.05077	.89710	1.68601	-.00304
.900	3.019	-.01345	-89.98790	-.00304	-.00102	.11237	.03772	.89859	1.68871	-.00141
.900	1.997	-.01283	-89.98792	-.00441	-.00148	.07376	.02474	.89897	1.68941	-.00072
.900	.996	-.01248	-89.98793	-.00523	-.00176	.03510	.01178	.89924	1.68990	-.00080
.900	-.017	-.01196	-89.98793	-.00467	-.00157	-.00303	-.00102	.89952	1.69044	-.00048
.900	-1.009	-.01126	-89.98793	-.00313	-.00105	-.04160	-.01395	.89974	1.68974	-.00057
.900	-2.027	-.01034	-89.98793	-.00174	-.00058	-.08086	-.02712	.89863	1.68880	-.00106
.900	-3.018	-.01061	-89.98792	-.00107	-.00036	-.11861	-.03983	.89755	1.68683	-.00215
.899	-4.023	-.00984	-89.98792	-.00094	-.00031	-.15760	-.05302	.89563	1.68332	-.00414
GRADIENT		-.00053	.00000	-.00028	-.00009	.03833	.01288	.00016	.00029	.00012

RUN NO. 1152/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	ALPHA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
1.100	4.020	.00444	-89.98788	.00111	.00044	.13700	.05454	1.09768	2.12687	-.00265
1.100	2.996	.00071	-89.98790	-.00011	-.00004	.10119	.04023	1.09875	2.12962	-.00118
1.100	1.984	.00244	-89.98792	-.00132	-.00052	.06593	.02619	1.09938	2.13125	-.00039
1.100	.996	-.00622	-89.98793	-.00296	-.00117	.03165	.01257	1.09994	2.13271	-.00014
1.100	-.016	-.00564	-89.98793	-.00178	-.00071	-.00291	-.00116	1.09975	2.13221	-.00017
1.100	-1.001	-.01222	-89.98793	-.00049	-.00020	-.03669	-.01457	1.09961	2.13185	-.00032
1.099	-2.017	-.00755	-89.98793	.00085	.00034	-.07081	-.02813	1.09851	2.12900	-.00078
1.100	-3.025	-.00228	-89.98792	.00085	.00034	-.10504	-.04178	1.09803	2.12778	-.00190
1.100	-4.035	.00393	-89.98790	.00072	.00029	-.14112	-.05624	1.09620	2.12308	-.00384
GRADIENT		.00061	.00000	-.00013	-.00005	.03439	.01368	.00017	.00043	.00013

RUN NO. 1163/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	ALPHA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
1.250	4.024	-.00443	-89.98788	-.00133	-.00057	.13937	.05983	1.24667	2.54660	-.00365
1.250	2.996	-.00671	-89.98790	-.00234	-.00100	.10286	.04409	1.24826	2.55145	-.00202
1.250	1.998	-.00844	-89.98792	-.00359	-.00154	.06763	.02898	1.24875	2.55292	-.00165
1.250	.993	-.00774	-89.98793	-.00416	-.00178	.03185	.01364	1.24878	2.55301	-.00126
1.250	-.018	-.00791	-89.98793	-.00325	-.00139	-.00325	-.00139	1.24875	2.55292	-.00092
1.250	-1.013	-.00760	-89.98793	-.00184	-.00079	-.03906	-.01672	1.24966	2.55572	-.00075
1.249	-2.031	-.00817	-89.98793	-.00100	-.00043	-.07483	-.03205	1.24827	2.55146	-.00135
1.250	-3.021	-.00955	-89.98792	-.00098	-.00042	-.10934	-.04691	1.24712	2.54796	-.00303
GRADIENT		.00048	.00001	-.00018	-.00008	.03532	.01515	-.00007	-.00021	-.00013



IA310 (AEDC 16TF-783) FLOW ANGULARITIES-FAIR OFF (TCM008) ( 04 OCT 91 )

## PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 1123/ 0 RN/L = 3.89 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
.920	.010	-.02133	-.00337	.00393	.00135	-.00537	-.00184	.91934	1.72742	-.00063
.920	-4.029	-.02310	-.00495	-.14888	-.05137	-.00344	-.00119	.91317	1.71577	-.00712
	GRADIENT	.00044	.00039	.03783	.01305	-.00048	-.00016	.00153	.00288	.00161

RUN NO. 1128/ 0 RN/L = 3.88 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
.950	.010	-.02229	-.04297	.00371	.00131	-.00540	-.00191	.94940	1.78623	-.00050
.949	-4.031	-.02376	-.00499	-.14656	-.05215	-.00369	-.00131	.94299	1.77342	-.00727
	GRADIENT	.00036	-.00940	.03719	.01323	-.00042	-.00015	.00159	.00317	.00167

RUN NO. 1134/ 0 RN/L = 3.86 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
.980	.008	-.01871	-.00338	.00315	.00114	-.00463	-.00168	.97948	1.84845	-.00039
.980	-4.035	-.02339	-.00496	-.14452	-.05289	-.00306	-.00112	.97350	1.83582	-.00710
	GRADIENT	.00116	.00039	.03653	.01337	-.00039	-.00014	.00148	.00313	.00166

RUN NO. 1139/ 0 RN/L = 3.77 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
1.050	.029	-.02206	-.00337	.00196	.00076	-.00385	-.00148	1.04933	2.00664	-.00073
1.050	-4.030	-.03575	-.00579	-.14172	-.05487	-.00273	-.00106	1.04359	1.99294	-.00759
	GRADIENT	.00337	.00060	.03540	.01370	-.00028	-.00010	.00141	.00338	.00169

RUN NO. 1154/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
1.150	.012	-.01771	-.00338	.00323	.00132	-.00290	-.00118	1.14944	2.26456	-.00060
1.150	-4.038	-.02253	-.00493	-.13664	-.05623	-.00216	-.00089	1.14393	2.24948	-.00730
	GRADIENT	.00119	.00038	.03453	.01421	-.00018	-.00007	.00136	.00372	.00165

IA310 (AEDC 16TF-783) FLOW ANGULARITIES-FAIR OFF

(TCM009) ( 04 OCT 91 )

PARAMETRIC DATA

BETA = .000 PHI = 180.000

RUN NO. 1124/ O RN/L = 3.89 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
.920	-.007	.01009	179.99240	-.00301	-.00103	.00569	.00195	.91934	1.72743	-.00050
.920	4.032	.01028	179.99170	.15028	.05154	.00423	.00145	.91917	1.72710	-.00074
	GRADIENT	.00005	-.00017	.03795	.01301	-.00036	-.00012	-.00004	-.00008	-.00006

RUN NO. 1129/ O RN/L = 3.88 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
.950	-.013	.01043	179.99240	-.00293	-.00104	.00553	.00195	.94921	1.78585	-.00042
.950	4.038	.01061	179.99170	.14844	.05248	.00444	.00157	.94885	1.78512	-.00077
	GRADIENT	.00005	-.00017	.03737	.01321	-.00027	-.00009	-.00009	-.00018	-.00009

RUN NO. 1135/ O RN/L = 3.86 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
.980	-.011	.00817	179.99240	-.00286	-.00104	.00522	.00190	.97944	1.84838	-.00045
.980	4.047	.00869	179.99180	.14657	.05329	.00381	.00139	.97910	1.84766	-.00059
	GRADIENT	.00013	-.00015	.03682	.01339	-.00035	-.00013	-.00008	-.00018	-.00004

RUN NO. 1140/ O RN/L = 3.77 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
1.050	-.004	.00883	179.99240	-.00462	-.00178	.00459	.00176	1.04903	2.00594	-.00082
1.050	4.044	.02835	179.99050	.13954	.05366	.00462	.00178	1.04892	2.00567	-.00098
	GRADIENT	.00482	-.00047	.03561	.01370	.00001	.00000	-.00003	-.00007	-.00004

RUN NO. 1155/ O RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
1.150	-.014	.00822	179.99240	-.00314	-.00128	.00346	.00141	1.14963	2.26507	-.00050
1.150	4.042	.01035	179.99170	.13801	.05642	.00347	.00142	1.14965	2.26513	-.00062
	GRADIENT	.00053	-.00017	.03480	.01423	.00000	.00000	.00000	.00001	-.00003

IA310 (AEDC 16TF-783) FLOW ANGULARITIES-FAIR OFF (TCMO10) ( 04 OCT 91 )

## PARAMETRIC DATA

ALPHA = .000 PHI = 90.000

RUN NO. 1125/ 0 RN/L = 3.88 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	ALPHA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
.920	1.990	.01976	90.01813	.00426	.00146	.07994	.02741	.91876	1.72632	-.00088
.920	-2.017	.02285	90.01816	.00686	.00235	-.07282	-.02498	.91920	1.72717	-.00095
	GRADIENT	-.00077	-.00001	-.00065	-.00022	.03812	.01307	-.00011	-.00021	.00002

RUN NO. 1130/ 0 RN/L = 3.88 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	ALPHA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
.950	1.943	.01922	90.01811	.00388	.00137	.07737	.02737	.94906	1.78554	-.00090
.950	-2.024	.02335	90.01816	.00681	.00241	-.07233	-.02558	.94882	1.78507	-.00101
	GRADIENT	-.00104	-.00001	-.00074	-.00026	.03774	.01335	.00006	.00012	.00003

RUN NO. 1136/ 0 RN/L = 3.86 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	ALPHA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
.980	1.988	.01756	90.01813	.00349	.00127	.07744	.02816	.97895	1.84734	-.00071
.980	-2.024	.02186	90.01816	.00630	.00229	-.07092	-.02581	.97913	1.84772	-.00106
	GRADIENT	-.00107	-.00001	-.00070	-.00025	.03698	.01345	-.00004	-.00009	.00009

RUN NO. 1141/ 0 RN/L = 3.77 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	ALPHA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
1.050	1.989	.02164	90.01813	.00080	.00031	.07433	.02859	1.04885	2.00550	-.00106
1.050	-2.021	.02805	90.01816	.00343	.00132	-.06834	-.02630	1.04884	2.00547	-.00130
	GRADIENT	-.00160	-.00001	-.00065	-.00025	.03558	.01369	.00000	.00001	.00006

RUN NO. 1156/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	ALPHA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
1.150	1.992	.01659	90.01813	.00249	.00102	.07219	.02951	1.14878	2.26273	-.00095
1.150	-2.018	.02098	90.01816	.00500	.00204	-.06627	-.02709	1.14919	2.26386	-.00066
	GRADIENT	-.00109	-.00001	-.00063	-.00026	.03453	.01412	-.00010	-.00028	-.00007

IA310 (AEDC 16TF-783) FLOW ANGULARITIES-FAIR OFF

(TCMO11) ( 04 OCT 91 )

PARAMETRIC DATA

ALPHA = .000 PHI = -90.000

RUN NO. 1126/ 0 RN/L = 3.88 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	ALPHA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
.920	-2.004	-.01133	-89.98793	-.00219	-.00075	-.07962	-.02731	.91880	1.72640	-.00106
.920	2.037	-.01361	-89.98792	-.00487	-.00167	.07404	.02539	.91921	1.72717	-.00067
	GRADIENT	-.00056	.00000	-.00066	-.00023	.03802	.01304	.00010	.00019	.00010

RUN NO. 1131/ 0 RN/L = 3.88 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	ALPHA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
.950	-2.001	-.01179	-89.98793	-.00207	-.00073	-.07820	-.02767	.94870	1.78483	-.00121
.950	2.043	-.01394	-89.98792	-.00475	-.00168	.07337	.02595	.94913	1.78569	-.00084
	GRADIENT	-.00053	.00000	-.00066	-.00023	.03748	.01326	.00011	.00021	.00009

RUN NO. 1137/ 0 RN/L = 3.86 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	ALPHA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
.980	-2.002	-.01075	-89.98793	-.00184	-.00067	-.07656	-.02786	.97905	1.84755	-.00116
.980	2.039	-.01342	-89.98792	-.00462	-.00168	.07221	.02627	.97936	1.84820	-.00073
	GRADIENT	-.00066	.00000	-.00069	-.00025	.03681	.01339	.00008	.00016	.00011

RUN NO. 1142/ 0 RN/L = 3.77 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	ALPHA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
1.050	-2.002	-.01651	-89.98793	-.00369	-.00142	-.07322	-.02817	1.04836	2.00433	-.00153
1.050	2.037	-.01666	-89.98792	-.00621	-.00239	.06966	.02680	1.04904	2.00596	-.00112
	GRADIENT	-.00004	.00000	-.00062	-.00024	.03538	.01361	.00017	.00040	.00010

RUN NO. 1157/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	ALPHA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
1.150	-2.009	-.00841	-89.98793	-.00076	-.00031	-.07127	-.02915	1.14871	2.26253	-.00129
1.150	2.023	-.00897	-89.98792	-.00320	-.00131	.06709	.02743	1.14963	2.26506	-.00066
	GRADIENT	-.00014	.00000	-.00061	-.00025	.03431	.01403	.00023	.00063	.00016

IA310 (AEDC 16TF-783) FLOW ANGULARITIES-FAIR OFF (TCMO12) ( 04 OCT 91 )

PARAMETRIC DATA

ALPHA = .000 PHI = -90.000

RUN NO. 1132/ 0 RN/L = 3.88 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	ALPHA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
.950	-2.000	-0.1191	-89.98793	-0.0201	-0.0071	-0.07800	-0.02760	.94905	1.78554	-0.00105
.950	2.038	-0.1397	-89.98792	-0.0094	-0.0175	.07334	.02594	.94926	1.78596	-0.00077
	GRADIENT	-0.00051	.00000	-0.00073	-0.00026	.03748	.01326	.00005	.00010	.00007

IA310 (AEDC 16TF-783) FLOW ANGULARITIES-FAIR OFF (TCMO13) ( 04 OCT 91 )

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 1221/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
.899	-0.002	-0.0616	-0.30437	-0.10487	-0.00745	-0.00257	.87336	1.64366	-0.02838
.900	-0.1946	-0.0574	-0.26470	-0.09065	-0.00708	-0.00242	.88039	1.65599	-0.02141
.900	-0.1907	-0.0535	-0.22668	-0.07718	-0.00578	-0.00197	.88568	1.66540	-0.01560
.900	-0.1893	-0.0501	-0.18882	-0.06398	-0.00450	-0.00153	.89022	1.67354	-0.01068
.900	-0.1935	-0.0471	-0.14903	-0.05030	-0.00388	-0.00131	.89341	1.67929	-0.00698
.900	-0.1916	-0.0436	-0.10995	-0.03700	-0.00403	-0.00136	.89608	1.68415	-0.00401
.900	-0.1905	-0.0403	-0.07049	-0.02369	-0.00518	-0.00174	.89801	1.68766	-0.00222
.900	-0.1893	-0.0370	-0.03295	-0.01106	-0.00552	-0.00185	.89891	1.68930	-0.00114
.900	.021	-0.0337	.00236	.00079	.00491	.00165	.89923	1.68990	-0.00083
.900	1.007	-0.0306	.03956	.01327	.00383	.00128	.89895	1.68938	-0.00081
.900	2.009	-0.01807	.07812	.02620	.00275	.00092	.89901	1.68948	-0.00076
.900	3.012	-0.0244	.11300	.03791	.00257	.00086	.89918	1.68981	-0.00076
.900	4.010	-0.0215	.15450	.05184	.00299	.00100	.89885	1.68920	-0.00103
.900	5.008	-0.04132	.19378	.06507	.00294	.00099	.89789	1.68744	-0.00198
.899	6.007	-0.04096	.23269	.07825	.00252	.00085	.89613	1.68424	-0.00365
.900	7.006	-0.0126	.27066	.09134	.00250	.00084	.89354	1.67953	-0.00681
.900	7.999	-0.0088	.30901	.10469	.00266	.00090	.88971	1.67261	-0.01089
	GRADIENT	.00013	.03774	.01271	.00021	.00007	.00082	.00150	.00092

IA310 (AEDC 16TF-783) FLOW ANGULARITIES-FAIR OFF (TCMO13) ( 04 OCT 91 )

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 1165/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PHI	CQAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
1.249	-7.994	-.01564	-.00556	-.28113	-.12407	-.00488	-.00215	1.22303	2.47529	-.03195
1.249	-6.987	-.01602	-.00532	-.24505	-.10738	-.00465	-.00204	1.22914	2.49357	-.02460
1.250	-5.992	-.01534	-.00497	-.20974	-.09134	-.00385	-.00168	1.23487	2.51079	-.01809
1.249	-4.992	-.01297	-.00451	-.17459	-.07561	-.00270	-.00117	1.23887	2.52288	-.01267
1.250	-3.996	-.01381	-.00434	-.13764	-.05937	-.00221	-.00095	1.24294	2.53522	-.00830
1.250	-2.995	-.01675	-.00424	-.10123	-.04350	-.00259	-.00111	1.24633	2.54556	-.00440
1.250	-1.995	-.01586	-.00393	-.06503	-.02789	-.00335	-.00144	1.24724	2.54831	-.00276
1.250	-.991	-.01554	-.00365	-.02997	-.01285	-.00376	-.00161	1.24859	2.55244	-.00182
1.250	.024	-.01537	-.00338	-.00386	-.00165	-.00329	-.00141	1.24911	2.55403	-.00104
1.250	1.010	-.01553	-.00312	-.03876	-.01659	-.00263	-.00112	1.24923	2.55441	-.00051
1.250	2.004	-.01799	-.00239	-.07378	-.03158	-.00209	-.00089	1.24885	2.55325	-.00092
1.250	3.014	-.01800	-.00246	-.10961	-.04694	-.00200	-.00086	1.24889	2.55336	-.00115
1.250	4.011	-.01860	-.00211	-.14662	-.06282	-.00228	-.00098	1.24821	2.55128	-.00171
1.250	5.023	-.02154	-.04129	-.18274	-.07835	-.00170	-.00073	1.24751	2.54916	-.00240
1.249	6.004	-.01701	-.00165	-.21931	-.09410	-.00122	-.00052	1.24677	2.54690	-.00323
1.249	7.008	-.01764	-.00129	-.25438	-.10956	-.00137	-.00059	1.24366	2.53741	-.00698
1.249	8.005	-.01751	-.00101	-.28834	-.12471	-.00122	-.00053	1.23979	2.52567	-.01137
GRADIENT		-.00051	-.00092	.03538	.01522	.00006	.00003	.00088	.00267	.00105

RUN NO. 1185/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PHI	CQAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
1.400	-8.002	-.02353	-.00663	-.31284	-.14540	-.00609	-.00283	1.37135	2.95015	-.03310
1.400	-6.991	-.02101	-.00591	-.27428	-.12640	-.00513	-.00237	1.37907	2.97660	-.02424
1.400	-5.996	-.02025	-.00547	-.23516	-.10766	-.00391	-.00179	1.38458	2.99562	-.01753
1.400	-5.000	-.02195	-.00526	-.19514	-.08891	-.00310	-.00141	1.38856	3.00937	-.01279
1.400	-3.994	-.02223	-.00490	-.15346	-.06964	-.00250	-.00113	1.39255	3.02323	-.00851
1.400	-2.994	-.02125	-.00446	-.11319	-.05116	-.00289	-.00130	1.39581	3.03460	-.00460
1.400	-1.993	-.02019	-.00407	-.07370	-.03326	-.00379	-.00171	1.39723	3.03954	-.00299
1.400	-.995	-.01826	-.00369	-.03464	-.01562	-.00389	-.00175	1.39840	3.04366	-.00175
1.400	.024	-.01743	-.00338	-.00346	-.00156	-.00315	-.00142	1.39982	3.04859	-.00022
1.400	1.005	-.01822	-.00307	-.04133	-.01860	-.00248	-.00112	1.39974	3.04833	-.00005
1.400	2.006	-.01832	-.00275	-.08026	-.03616	-.00220	-.00099	1.39842	3.04373	-.00150
1.400	3.021	-.01859	-.00242	-.12041	-.05424	-.00240	-.00108	1.39909	3.04605	-.00111
1.400	4.018	-.01665	-.00225	-.16297	-.07338	-.00236	-.00106	1.39954	3.04763	-.00065
1.400	5.009	-.01678	-.00196	-.20234	-.09121	-.00172	-.00078	1.39837	3.04355	-.00189
1.400	6.017	-.01759	-.00159	-.24203	-.10924	-.00161	-.00073	1.39705	3.03893	-.00317
1.400	7.009	-.01772	-.00128	-.28119	-.12723	-.00195	-.00088	1.39482	3.03114	-.00566
1.400	8.011	-.01850	-.00087	-.31809	-.14450	-.00135	-.00061	1.39101	3.01790	-.00975
GRADIENT		.00057	.00033	.03911	.01766	.00011	.00005	.00069	.00241	.00077

IA310 (AEDC 16TF-783) FLOW ANGULARITIES-FAIR OFF (TCMO13) ( 04 OCT 91 )

## PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 1203/ O RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
1.450	-8.005	-.02062	-.00624	-.32586	-.15395	-.01080	-.00510	1.41888	3.11583	-.03609
1.449	-7.000	-.02031	-.00583	-.28405	-.13330	-.01061	-.00498	1.42391	3.13373	-.02933
1.449	-6.005	-.02001	-.00545	-.24296	-.11332	-.00914	-.00426	1.42935	3.15318	-.02305
1.450	-5.000	-.01881	-.00500	-.20421	-.09462	-.00775	-.00359	1.43572	3.17605	-.01618
1.450	-3.999	-.01850	-.00465	-.16087	-.07424	-.00705	-.00325	1.43880	3.18716	-.01222
1.450	-3.000	-.01872	-.00434	-.11948	-.05498	-.00659	-.00322	1.44142	3.19662	-.00928
1.450	-2.006	-.01832	-.00401	-.07925	-.03630	-.00699	-.00319	1.44555	3.21159	-.00460
1.450	-1.002	-.01814	-.00369	-.03666	-.01674	-.00660	-.00301	1.44944	3.22574	-.00102
1.451	.003	-.01782	-.00338	-.00407	-.00186	-.00533	-.00243	1.45132	3.23256	-.00052
1.450	1.006	-.01842	-.00306	.04653	.02116	-.00442	-.00201	1.45192	3.23477	-.00246
1.450	2.001	-.01828	-.00276	.08636	.03945	-.00334	-.00153	1.44867	3.22291	-.00178
1.451	2.996	-.01637	-.03711	.12779	.05838	-.00340	-.00155	1.44901	3.22415	-.00177
1.449	4.002	-.01888	-.00210	.17317	.07900	-.00340	-.00155	1.44883	3.22352	-.00067
1.451	4.994	-.01774	-.00188	.21390	.09784	-.00186	-.00085	1.44805	3.22066	-.00296
1.450	6.001	-.01790	-.00156	.25472	.11672	-.00142	-.00065	1.44586	3.21272	-.00492
1.450	6.988	-.01793	-.00126	.29599	.13584	-.00190	-.00087	1.44387	3.20549	-.00661
1.449	7.995	-.01779	-.00098	.33458	.15411	-.00117	-.00054	1.44015	3.19203	-.01034
	GRADIENT	.00010	.00139	.04167	.01914	.00058	.00027	.00121	.00439	.00131

RUN NO. 1276/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
1.474	-8.000	-.01936	-.00606	-.34614	-.16391	-.00925	-.00438	1.44562	3.21183	-.03390
1.473	-6.979	-.01933	-.00571	-.30285	-.14232	-.00814	-.00383	1.45167	3.23385	-.02616
1.474	-5.995	-.01902	-.00535	-.25996	-.12148	-.00676	-.00316	1.45711	3.25373	-.02038
1.474	-4.994	-.01770	-.00490	-.21564	-.10032	-.00560	-.00261	1.46076	3.26709	-.01582
1.474	-3.994	-.01768	-.00460	-.16911	-.07829	-.00499	-.00231	1.46506	3.28291	-.01105
1.474	-2.994	-.01798	-.00430	-.12316	-.05697	-.00526	-.00243	1.46585	3.28581	-.01023
1.474	-1.979	-.01784	-.00399	-.07940	-.03676	-.00621	-.00288	1.46558	3.28483	-.01093
1.473	-.991	-.01751	-.00368	-.03747	-.01730	-.00690	-.00318	1.46744	3.29168	-.00812
1.473	.014	-.01704	-.00338	-.00444	-.00205	-.00610	-.00281	1.46865	3.29614	-.00687
1.473	1.011	-.01712	-.00309	.04734	.02181	-.00542	-.00250	1.46898	3.29737	-.00649
1.473	2.005	-.01769	-.00278	.08997	.04143	-.00444	-.00205	1.46956	3.29951	-.00565
1.474	3.010	-.01714	-.00251	.13346	.06140	-.00440	-.00202	1.47085	3.30428	-.00470
1.474	4.022	-.01712	-.00221	.17866	.08217	-.00404	-.00186	1.47134	3.30610	-.00453
1.473	5.008	-.02134	-.04131	.22350	.10266	-.00287	-.00132	1.47181	3.30782	-.00327
1.473	6.004	-.01830	-.00152	.26720	.12273	-.00234	-.00108	1.47155	3.30687	-.00340
1.473	7.012	-.02362	-.04045	.30979	.14239	-.00214	-.00098	1.47086	3.30430	-.00418
1.473	8.008	-.01853	-.00087	.35017	.16146	-.00123	-.00057	1.46853	3.29571	-.00713
	GRADIENT	.00008	.00030	.04332	.02003	.00015	.00007	.00100	.00370	.00111

IA310 (AEDC 16TF-783) FLOW ANGULARITIES-FAIR OFF (TCM013) ( 04 OCT 91 )

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 1238/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
1.495	-7.999	-.01725	-.00578	-.35953	-.17060	-.00718	-.00341	1.46891	3.29712	-.03497
1.495	-6.988	-.01837	-.00560	-.31668	-.14912	-.00725	-.00342	1.47578	3.32254	-.02705
1.495	-5.993	-.01703	-.00515	-.27398	-.12815	-.00601	-.00281	1.48201	3.34581	-.02012
1.495	-4.993	-.01381	-.04432	-.22877	-.10647	-.00537	-.00250	1.48646	3.36234	-.01491
1.495	-3.987	-.01723	-.00456	-.18141	-.08420	-.00517	-.00240	1.48911	3.37229	-.01218
1.495	-2.993	-.01577	-.04384	-.13600	-.06294	-.00609	-.00282	1.49187	3.38265	-.00923
1.495	-1.994	-.01561	-.04354	-.08974	-.04142	-.00657	-.00303	1.49398	3.39059	-.00672
1.495	-.998	-.01599	-.04326	-.04172	-.01925	-.00690	-.00318	1.49427	3.39167	-.00623
1.495	.015	-.01536	-.00338	-.00485	-.00224	-.00594	-.00274	1.49403	3.39075	-.00638
1.496	1.008	-.01531	-.00312	.05156	.02381	-.00486	-.00225	1.49400	3.39066	-.00695
1.495	2.005	-.01723	-.00279	.09632	.04467	-.00517	-.00238	1.49524	3.39531	-.00522
1.495	3.010	-.01808	-.00246	.14050	.06467	-.00487	-.00234	1.49648	3.39999	-.00383
1.495	4.011	-.01844	-.00212	.18821	.08664	-.00414	-.00191	1.49665	3.40063	-.00365
1.495	5.007	-.02129	-.04132	.23380	.10765	-.00285	-.00131	1.49649	3.40003	-.00377
1.495	6.015	-.02120	-.04103	.27943	.12858	-.00222	-.00102	1.49684	3.40136	-.00309
1.496	7.007	-.01722	-.00134	.32217	.14838	-.00206	-.00095	1.49667	3.40069	-.00396
1.496	8.008	-.02206	-.04036	.35982	.16623	-.00075	-.00035	1.49356	3.38900	-.00714
GRADIENT		-.00032	.00462	.04628	.02141	.00014	.00007	.00097	.00364	.00108

RUN NO. 1283/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
1.520	-7.999	-.02155	-.00636	-.43801	-.20587	-.00879	-.00413	1.50735	3.44111	-.01918
1.520	-6.993	-.02155	-.00598	-.37793	-.17667	-.00954	-.00446	1.51252	3.46082	-.01363
1.520	-5.993	-.02061	-.00551	-.30375	-.14170	-.00820	-.00383	1.51425	3.46741	-.01161
1.520	-4.999	-.02029	-.00512	-.24023	-.11163	-.00909	-.00423	1.51774	3.48075	-.00800
1.520	-3.982	-.02055	-.00478	-.17520	-.08136	-.00943	-.00438	1.51854	3.48384	-.00737
1.520	-2.994	-.02041	-.00442	-.11074	-.05143	-.00767	-.00356	1.51877	3.48472	-.00734
1.520	-1.995	-.01998	-.00406	-.05392	-.02503	-.00501	-.00233	1.51876	3.48465	-.00700
1.520	-.986	-.01939	-.00370	-.02342	-.01086	-.00391	-.00182	1.51967	3.48817	-.00572
1.520	.014	-.01917	-.00337	.00400	.00185	-.00407	-.00189	1.52070	3.49209	-.00479
1.520	1.011	-.01931	-.00304	.03136	.01454	-.00189	-.00087	1.52030	3.49058	-.00518
1.520	2.005	-.01938	-.00272	.07323	.03402	-.00243	-.00113	1.51845	3.48347	-.00732
1.520	3.005	-.01943	-.00238	.13675	.06342	-.00488	-.00227	1.51917	3.48624	-.00588
1.521	4.006	-.01971	-.00204	.19761	.09168	-.00519	-.00241	1.51970	3.48827	-.00625
1.520	5.018	-.01925	-.00174	.26494	.12315	-.00607	-.00282	1.51696	3.47778	-.00832
1.520	6.004	-.01903	-.00144	.32942	.15279	-.00683	-.00317	1.51909	3.48593	-.00617
1.520	7.006	-.01940	-.00108	.38189	.17687	-.00543	-.00251	1.52082	3.49257	-.00467
1.520	7.997	-.01937	-.00075	.43253	.19391	-.00227	-.00105	1.52278	3.50009	-.00256
GRADIENT		.00012	.00034	.04442	.02062	.00062	.00029	.00016	.00061	.00020



IA310 (AEDC 16TF-783) FLOW ANGULARITIES-FAIR OFF (TCM013) ( 04 OCT 91 )

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 1251/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
1.543	-8.002	-.02072	-.00625	-.38522	-.18278	-.00932	-.00442	1.52610	3.51285	-.02611
1.543	-7.003	-.01577	-.04518	-.32930	-.15582	-.00817	-.00386	1.52845	3.52191	-.02339
1.544	-5.992	-.01635	-.04488	-.27645	-.13053	-.00555	-.00262	1.53110	3.53215	-.02107
1.544	-4.982	-.01714	-.04459	-.22153	-.10434	-.00487	-.00229	1.53402	3.54347	-.01797
1.544	-3.992	-.02124	-.00483	-.16142	-.07592	-.00257	-.00121	1.53473	3.54622	-.01652
1.544	-2.993	-.02086	-.00445	-.11185	-.05254	-.00266	-.00125	1.53635	3.55249	-.01517
1.544	-1.988	-.02049	-.00407	-.06680	-.03138	-.00488	-.00229	1.53682	3.55431	-.01506
1.544	-.990	-.01988	-.00371	-.02678	-.01260	-.00588	-.00277	1.53453	3.54544	-.01683
1.544	.015	-.01972	-.00337	-.00465	-.00219	-.00558	-.00263	1.53349	3.54140	-.01802
1.544	1.011	-.02070	-.04263	.03575	.01684	-.00366	-.00173	1.53351	3.54148	-.01827
1.543	2.011	-.01920	-.00272	.07292	.03433	-.00220	-.00104	1.53354	3.54158	-.01795
1.543	3.010	-.01920	-.00240	.11562	.05436	.00017	.00008	1.53435	3.54473	-.01680
1.543	4.006	-.01956	-.00205	.17135	.08057	.00103	.00049	1.53427	3.54443	-.01687
1.543	5.012	-.01850	-.00181	.23194	.10909	.00146	.00069	1.53460	3.54570	-.01691
1.543	6.009	-.01906	-.00144	.28518	.13387	-.00083	-.00039	1.53625	3.55211	-.01488
1.544	7.005	-.01878	-.00115	.33740	.15850	-.00353	-.00166	1.53575	3.55016	-.01561
1.543	8.012	-.02426	-.04005	.39939	.18762	-.00685	-.00322	1.53557	3.54946	-.01559
	GRADIENT	.00000	.00177	.04085	.01922	.00048	.00022	-.00015	-.00060	-.00010

IA310 (AEDC 16TF-783) FLOW ANGULARITIES-FAIR OFF (TCM014) ( 04 OCT 91 )

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 1268/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
.899	-8.003	-.02007	-.00617	-.30366	-.10477	-.00661	-.00228	.87208	1.64144	-.02977
.900	-6.980	-.01957	-.00574	-.26433	-.09065	-.00652	-.00224	.87974	1.65484	-.02249
.900	-5.993	-.01919	-.00537	-.22638	-.07710	-.00524	-.00178	.88489	1.66398	-.01619
.900	-4.992	-.01903	-.00502	-.18847	-.06390	-.00406	-.00138	.88941	1.67208	-.01144
.900	-3.988	-.01926	-.00470	-.14875	-.05014	-.00358	-.00121	.89502	1.68222	-.00540
.900	-2.991	-.01908	-.00436	-.10929	-.03682	-.00350	-.00118	.89514	1.68243	-.00514
.900	-1.995	-.01900	-.00403	-.07009	-.02354	-.00467	-.00157	.89737	1.68650	-.00237
.900	-.997	-.01892	-.00370	-.03222	-.01082	-.00502	-.00168	.89883	1.68917	-.00124
.900	.015	-.01876	-.00337	.00288	.00097	-.00475	-.00159	.89899	1.68946	-.00075
.900	1.007	-.01875	-.00306	.04007	.01344	-.00377	-.00126	.89896	1.68940	-.00076
.900	2.004	-.01879	-.00274	.07896	.02650	-.00261	-.00087	.89898	1.68944	-.00101
.900	3.006	-.01880	-.00242	.11768	.03948	-.00197	-.00066	.89893	1.68935	-.00093
.900	4.010	-.01867	-.00211	.15701	.05270	-.00240	-.00081	.89857	1.68868	-.00136
.900	5.008	-.01846	-.00181	.19574	.06574	-.00260	-.00087	.89760	1.68707	-.00219
.900	6.001	-.01836	-.00151	.23426	.07880	-.00206	-.00069	.89610	1.68417	-.00383
.900	7.005	-.02322	-.04050	.27278	.09197	-.00206	-.00069	.89388	1.68014	-.00619
.900	8.009	-.02399	-.04008	.30933	.10472	-.00221	-.00075	.88998	1.67310	-.01039
GRADIENT		.00005	.00032	.03807	.01283	.00020	.00007	.00081	.00148	.00090

RUN NO. 1264/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
1.250	-7.999	-.01757	-.00582	-.28107	-.12412	-.00536	-.00237	1.22294	2.47503	-.03245
1.250	-6.982	-.01762	-.00551	-.24469	-.10727	-.00493	-.00216	1.22969	2.49522	-.02480
1.250	-5.996	-.01745	-.00519	-.20950	-.09130	-.00387	-.00169	1.23467	2.51018	-.01868
1.250	-4.981	-.01453	-.00464	-.17424	-.07549	-.00280	-.00121	1.23899	2.52324	-.01289
1.250	-3.991	-.01137	-.04386	-.13742	-.05930	-.00221	-.00095	1.24239	2.53354	-.00885
1.250	-2.990	-.01717	-.00426	-.10106	-.04346	-.00267	-.00115	1.24567	2.54354	-.00522
1.250	-1.990	-.01742	-.00398	-.06504	-.02793	-.00348	-.00150	1.24716	2.54809	-.00363
1.250	-.996	-.01649	-.00367	-.02959	-.01269	-.00388	-.00166	1.24745	2.54897	-.00259
1.250	.014	-.01680	-.00338	.00400	.00171	-.00329	-.00141	1.24854	2.55229	-.00184
1.250	1.010	-.01734	-.00308	.03891	.01667	-.00244	-.00104	1.24888	2.55332	-.00132
1.250	2.008	-.01833	-.00275	.07449	.03192	-.00185	-.00079	1.24848	2.55210	-.00165
1.250	3.025	-.01914	-.00239	.11011	.04720	-.00178	-.00076	1.24786	2.55020	-.00216
1.250	4.011	-.02324	-.04148	.14650	.06281	-.00184	-.00079	1.24768	2.54965	-.00242
1.250	5.017	-.01992	-.00168	.18272	.07837	-.00135	-.00058	1.24723	2.54831	-.00283
1.250	6.009	-.01860	-.00149	.21973	.09430	-.00088	-.00038	1.24696	2.54747	-.00335
1.250	7.007	-.01861	-.00117	.25486	.10968	-.00106	-.00046	1.24471	2.54060	-.00609
1.250	8.004	-.02432	-.04005	.28835	.12466	-.00080	-.00035	1.24113	2.52972	-.01062
GRADIENT		-.00084	-.00018	.03540	.01524	.00012	.00005	.00083	.00252	.00101

( TCM014 ) ( 04 OCT 91 )

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 1258/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
1.400	-7.996	-.02247	-.00648	-.31124	-.14460	-.00454	-.00211	1.37202	2.95241	-.03261
1.400	-6.985	-.02120	-.00593	-.27278	-.12575	-.00364	-.00168	1.37892	2.97611	-.02454
1.400	-5.990	-.02127	-.00557	-.23411	-.10722	-.00248	-.00114	1.38459	2.99565	-.01784
1.400	-4.989	-.01860	-.04471	-.19425	-.08853	-.00191	-.00087	1.38911	3.01128	-.01285
1.399	-3.988	-.02194	-.00487	-.15307	-.06947	-.00148	-.00067	1.39140	3.01925	-.00891
1.400	-2.988	-.02090	-.00445	-.11281	-.05101	-.00221	-.00100	1.39561	3.03391	-.00504
1.400	-1.988	-.02019	-.00406	-.07322	-.03305	-.00327	-.00147	1.39722	3.03952	-.00327
1.399	-.990	-.01828	-.00369	-.03405	-.01535	-.00352	-.00159	1.39745	3.04032	-.00229
1.400	.018	-.01745	-.00338	.00336	.00151	-.00276	-.00125	1.39928	3.04673	-.00084
1.400	1.004	-.01802	-.00307	.04173	.01879	-.00200	-.00090	1.39886	3.04526	-.00094
1.400	2.005	-.01836	-.00275	.08056	.03631	-.00177	-.00080	1.39829	3.04328	-.00173
1.400	3.005	-.01860	-.00243	.11976	.05399	-.00198	-.00089	1.39819	3.04292	-.00190
1.400	4.023	-.01647	-.00226	.16242	.07317	-.00193	-.00087	1.39888	3.04533	-.00121
1.400	5.009	-.01676	-.00196	.20163	.09094	-.00140	-.00063	1.39793	3.04200	-.00244
1.400	6.011	-.01792	-.00156	.24087	.10876	-.00152	-.00069	1.39689	3.03836	-.00354
1.400	7.013	-.02297	-.04053	.28009	.12668	-.00200	-.00090	1.39582	3.03464	-.00510
1.400	8.005	-.01831	-.00090	.31646	.14363	-.00152	-.00069	1.39196	3.02117	-.00878
GRADIENT		.00038	.00249	.03920	.01775	.00002	.00001	.00094	.00329	.00108

RUN NO. 1226/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
1.450	-8.000	-.02045	-.00621	-.32427	-.15329	-.01064	-.00503	1.41808	3.11297	-.03677
1.451	-6.989	-.01976	-.00576	-.28261	-.13261	-.01033	-.00485	1.42534	3.13884	-.02896
1.450	-5.994	-.01990	-.00543	-.24302	-.11329	-.00859	-.00401	1.43017	3.15611	-.02241
1.450	-4.994	-.01877	-.00499	-.20317	-.09411	-.00764	-.00354	1.43612	3.17748	-.01588
1.450	-3.994	-.01842	-.00464	-.16040	-.07403	-.00717	-.00331	1.43910	3.18825	-.01220
1.450	-2.994	-.01856	-.00433	-.11990	-.05513	-.00720	-.00331	1.44217	3.19932	-.00845
1.450	-1.995	-.01673	-.04358	-.07893	-.03612	-.00739	-.00338	1.44677	3.21604	-.00366
1.450	-.986	-.01784	-.00368	-.03649	-.01667	-.00727	-.00332	1.44811	3.22089	-.00190
1.450	.024	-.01815	-.04297	.00369	.00168	-.00548	-.00250	1.45033	3.22895	.00055
1.450	1.006	-.01757	-.00308	.04600	.02096	-.00409	-.00186	1.45054	3.22975	.00074
1.450	2.010	-.01953	-.04234	.08598	.03933	-.00337	-.00154	1.44684	3.21626	-.00321
1.450	3.011	-.01891	-.00241	.12731	.05823	-.00363	-.00166	1.44773	3.21951	-.00303
1.450	4.012	-.01923	-.00207	.17165	.07843	-.00370	-.00169	1.44796	3.22035	-.00211
1.451	5.009	-.02186	-.04127	.21263	.09737	-.00256	-.00117	1.44687	3.21639	-.00412
1.450	6.011	-.01832	-.00151	.25420	.11635	-.00249	-.00114	1.44618	3.21387	-.00396
1.450	7.008	-.02306	-.04052	.29523	.13531	-.00340	-.00156	1.44531	3.21072	-.00520
1.450	8.004	-.02358	-.04015	.33420	.15364	-.00158	-.00073	1.44253	3.20064	-.00829
GRADIENT		-.00009	-.00040	.04137	.01902	.00055	.00026	.00124	.00447	.00139















IA310 (AEDC 16TF-783) FLOW ANGULARITIES-FAIR OFF (TCM017) ( 04 OCT 91 )

## PARAMETRIC DATA

ALPHA = .000 PHI = 90.000

RUN NO. 1223/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	ALPHA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
.900	-3.988	.02123	90.01819	.00499	.00168	-.14905	-.05010	.89660	1.68509	-.00320
.900	-2.989	.02026	90.01817	.00509	.00171	-.11041	-.03708	.89810	1.68782	-.00200
.899	-1.985	.01956	90.01814	.00520	.00175	-.07148	-.02397	.89852	1.68860	-.00104
.900	-.993	.01929	90.01814	.00525	.00176	-.03360	-.01127	.89921	1.68986	-.00088
.900	.017	.01857	90.01813	.00383	.00129	.00345	.00116	.89909	1.68964	-.00079
.900	1.006	.01826	90.01813	.00352	.00118	.04141	.01389	.89887	1.68923	-.00099
.900	2.005	.01774	90.01813	.00312	.00105	.07896	.02650	.89838	1.68833	-.00150
.900	2.998	.01681	90.01814	.00335	.00113	.11729	.03939	.89735	1.68646	-.00237
.900	3.995	.01603	90.01816	.00451	.00152	.15651	.05269	.89580	1.68364	-.00434
GRADIENT		-.00060	-.00000	-.00022	-.00007	.03810	.01281	-.00010	-.00018	-.00011

RUN NO. 1168/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	ALPHA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
1.250	-3.985	.01563	90.01820	.00450	.00193	-.13795	-.05925	1.24613	2.54493	-.00424
1.250	-2.970	.02088	90.01817	.00477	.00205	-.10108	-.04333	1.24797	2.55055	-.00215
1.250	-1.980	.01787	90.01814	.00503	.00216	-.06525	-.02797	1.24856	2.55234	-.00188
1.250	-.992	.01702	90.01814	.00493	.00211	-.03049	-.01306	1.24840	2.55186	-.00148
1.250	.016	.01757	90.01813	.00354	.00151	.00408	.00175	1.24899	2.55367	-.00110
1.249	1.014	.01681	90.01813	.00256	.00109	.04010	.01716	1.24887	2.55331	-.00056
1.250	2.004	.01658	90.01813	.00264	.00113	.07448	.03190	1.24893	2.55350	-.00125
1.250	3.010	.01743	90.01814	.00324	.00139	.10985	.04709	1.24777	2.54992	-.00222
1.250	3.995	.01808	90.01814	.00415	.00178	.14666	.06298	1.24624	2.54527	-.00399
GRADIENT		-.00006	-.00001	-.00022	-.00009	.03545	.01521	.00002	.00006	.00005

RUN NO. 1187/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	ALPHA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
1.400	-3.988	.02441	90.01819	.00445	.00201	-.15409	-.06961	1.39607	3.03552	-.00409
1.400	-2.991	.02356	90.01817	.00471	.00212	-.11403	-.05140	1.39850	3.04399	-.00176
1.400	-1.984	.02215	90.01814	.00519	.00234	-.07410	-.03340	1.39864	3.04449	-.00161
1.400	-.986	.01980	90.01814	.00473	.00213	-.03487	-.01571	1.39869	3.04466	-.00147
1.400	.008	.01844	90.01813	.00301	.00136	.00320	.00144	1.40010	3.04959	-.00005
1.400	1.004	.01869	90.01813	.00209	.00094	.04328	.01947	1.39965	3.04800	-.00013
1.400	2.000	.01817	90.01813	.00273	.00123	.08176	.03686	1.39792	3.04195	-.00200
1.400	3.006	.01766	90.01814	.00422	.00190	.12105	.05459	1.39800	3.04234	-.00230
1.400	3.996	.01549	90.01814	.00473	.00214	.16252	.07337	1.39672	3.03779	-.00348
GRADIENT		-.00104	-.00001	-.00013	-.00006	.03943	.01779	.00001	.00004	.00002

IA310 (AEDC 16TF-783) FLOW ANGULARITIES-FAIR OFF (TCM017) ( 04 OCT 91 )

PARAMETRIC DATA

ALPHA = .000 PHI = 90.000

RUN NO. 1201/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	ALPHA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
1.450	-3.993	.02022	90.01819	.00948	.00436	-.16158	-.07423	1.44312	3.20277	-.00761
1.449	-2.997	.01966	90.01817	.00916	.00420	-.12053	-.05529	1.44396	3.20581	-.00614
1.450	-1.996	.01930	90.01814	.00904	.00413	-.07991	-.03654	1.44762	3.21909	-.00290
1.450	-1.003	.01883	90.01814	.00806	.00368	-.03762	-.01716	1.44919	3.22483	-.00065
1.450	.005	.01817	90.01813	.00608	.00277	.00366	.00167	1.45063	3.23005	.00046
1.450	1.004	.01763	90.01813	.00473	.00215	.04732	.02153	1.45173	3.23408	.00220
1.450	1.990	.01710	90.01813	.00439	.00201	.08744	.03996	1.44806	3.22071	-.00222
1.450	2.986	.01718	90.01814	.00542	.00248	.12836	.05873	1.44652	3.21510	-.00345
1.450	3.986	.01647	90.01814	.00630	.00288	.17356	.07937	1.44729	3.21792	-.00298
GRADIENT		-.00047	-.00001	-.00061	-.00028	.04189	.01918	.00047	.00169	.00052

RUN NO. 1280/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	ALPHA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
1.473	-3.982	.01906	90.01819	.00671	.00309	-.16929	-.07803	1.46856	3.29581	-.00714
1.473	-2.990	.01878	90.01817	.00686	.00316	-.12379	-.05709	1.46800	3.29373	-.00776
1.473	-1.990	.01827	90.01814	.00748	.00346	-.08059	-.03726	1.46573	3.28539	-.01025
1.473	-.986	.01759	90.01814	.00783	.00361	-.03765	-.01736	1.46798	3.29368	-.00750
1.473	.017	.01724	90.01813	.00664	.00306	.00450	.00207	1.46892	3.29714	-.00661
1.473	1.010	.01608	90.01813	.00571	.00263	.04877	.02248	1.46848	3.29554	-.00713
1.473	2.000	.01629	90.01813	.00566	.00261	.09197	.04239	1.46884	3.29687	-.00691
1.473	3.001	.01505	90.01814	.00659	.00303	.13513	.06215	1.47009	3.30149	-.00493
1.473	3.991	.01388	90.01814	.00682	.00315	.17937	.08274	1.46803	3.29386	-.00781
GRADIENT		-.00062	-.00001	-.00010	-.00005	.04350	.02005	.00018	.00067	.00022

RUN NO. 1242/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	ALPHA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
1.496	-3.987	.01919	90.01819	.00661	.00305	-.18003	-.08324	1.49284	3.38627	-.00775
1.496	-2.990	.01891	90.01817	.00684	.00316	-.13557	-.06263	1.49372	3.38960	-.00677
1.496	-1.985	.01779	90.01814	.00725	.00334	-.08993	-.04148	1.49515	3.39498	-.00515
1.496	-.989	.01791	90.01814	.00713	.00329	-.04160	-.01919	1.49526	3.39540	-.00529
1.495	.016	.01560	90.01813	.00564	.00260	.00525	.00242	1.49411	3.39108	-.00635
1.496	1.017	.01518	90.01813	.00488	.00225	.05299	.02447	1.49406	3.39088	-.00659
1.496	2.000	.01585	90.01813	.00470	.00217	.09866	.04553	1.49452	3.39260	-.00598
1.496	2.995	.01595	90.01814	.00576	.00265	.14369	.06625	1.49528	3.39546	-.00512
1.496	4.001	.01577	90.01814	.00603	.00278	.19107	.08816	1.49482	3.39374	-.00582
GRADIENT		-.00049	-.00001	-.00022	-.00010	.04666	.02154	.00017	.00064	.00016

IA310 (AEDC 16TF-783) FLOW ANGULARITIES-FAIR OFF (TCM017) ( 04 OCT 91 )

PARAMETRIC DATA

ALPHA = .000 PHI = 90.000

RUN NO. 1287/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	ALPHA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
1.520	-3.987	.02267	90.01819	.00904	.00419	-.17924	-.08310	1.51959	3.48786	-.00572
1.520	-2.985	.02148	90.01817	.00428	.00199	-.11429	-.05304	1.51861	3.48412	-.00682
1.520	-1.990	.02064	90.01814	-.00149	-.00069	-.05012	-.02323	1.52028	3.49051	-.00541
1.520	-.992	.01955	90.01814	.00065	.00030	-.02015	-.00935	1.51954	3.48764	-.00610
1.520	.015	.01908	90.01813	.00136	.00063	.00595	.00276	1.51977	3.48854	-.00575
1.520	1.004	.01840	90.01813	.00024	.00011	.03145	.01457	1.51980	3.48868	-.00544
1.520	2.006	.01783	90.01813	.00275	.00128	.08145	.03782	1.51794	3.48153	-.00738
1.520	3.001	.01743	90.01814	.00634	.00294	.13906	.06457	1.51829	3.48285	-.00744
1.520	3.996	.01670	90.01814	.00656	.00305	.20198	.09380	1.51761	3.48025	-.00769
GRADIENT		-.00071	-.00001	.00007	.00003	.04341	.02015	-.00022	-.00085	-.00022

RUN NO. 1255/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	ALPHA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
1.544	-3.987	.02297	90.01819	.00190	.00089	-.16163	-.07591	1.53606	3.55136	-.01537
1.544	-2.979	.02163	90.01817	.00157	.00074	-.11157	-.05234	1.53734	3.55634	-.01413
1.544	-1.989	.02094	90.01814	.00244	.00114	-.06593	-.03095	1.53675	3.55404	-.01479
1.543	-.991	.01998	90.01814	.00323	.00152	-.02521	-.01186	1.53458	3.54563	-.01693
1.544	.017	.01966	90.01813	.00204	.00096	.00689	.00325	1.53342	3.54111	-.01884
1.543	1.010	.01822	90.01813	.00029	.00013	.03887	.01831	1.53293	3.53922	-.01885
1.544	2.000	.01769	90.01813	.00176	.00083	.07624	.03588	1.53406	3.54362	-.01774
1.543	3.001	.01774	90.01814	.00270	.00127	.11788	.05547	1.53392	3.54306	-.01761
1.543	3.995	.01618	90.01814	.00134	.00063	.16529	.07781	1.53345	3.54125	-.01830
GRADIENT		-.00079	-.00001	-.00062	-.00029	.03917	.01842	-.00046	-.00180	-.00050

( TCM018 ) ( 04 OCT 91 )

IA310 (AEDC 16TF-783) FLOW ANGULARITIES-FAIR OFF

PARAMETRIC DATA

ALPHA = .000 PHI = 90.000

RUN NO. 1272/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	ALPHA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
.900	-3.989	.02043	90.01819	.00535	.00180	-.14926	-.05020	.89673	1.68532	-.00340
.900	-2.989	.01984	90.01817	.00554	.00186	-.11064	-.03716	.89791	1.68748	-.00202
.900	-1.985	.01962	90.01814	.00572	.00192	-.07124	-.02392	.89923	1.68989	-.00113
.900	-.993	.01897	90.01814	.00569	.00191	-.03402	-.01141	.89930	1.69002	-.00078
.900	.016	.01844	90.01813	.00442	.00148	.00306	.00103	.89921	1.68985	-.00063
.899	1.005	.01758	90.01813	.00392	.00132	.04121	.01382	.89869	1.68891	-.00076
.900	2.005	.01709	90.01813	.00366	.00123	.07876	.02644	.89883	1.68917	-.00133
.900	2.998	.01664	90.01814	.00397	.00133	.11705	.03932	.89764	1.68699	-.00226
.900	4.000	.01562	90.01816	.00532	.00179	.15650	.05267	.89613	1.68424	-.00408
GRADIENT		-.00059	-.00000	-.00018	-.00006	.03809	.01280	-.00008	-.00014	-.00006

RUN NO. 1266/ O RN/L = 2.51 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	ALPHA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
1.250	-3.985	.01574	90.01820	.00433	.00186	-.13797	-.05930	1.24570	2.54362	-.00478
1.250	-2.987	.01897	90.01817	.00453	.00194	-.10165	-.04358	1.24799	2.55062	-.00229
1.250	-1.986	.01726	90.01814	.00496	.00213	-.06586	-.02824	1.24791	2.55035	-.00233
1.250	-.981	.01710	90.01814	.00495	.00212	-.03022	-.01296	1.24809	2.55092	-.00223
1.250	.015	.01624	90.01813	.00380	.00163	.00412	.00177	1.24772	2.54978	-.00215
1.250	1.008	.01566	90.01813	.00303	.00130	.03982	.01706	1.24849	2.55213	-.00150
1.250	2.003	.01572	90.01813	.00303	.00130	.07492	.03211	1.24803	2.55075	-.00208
1.250	2.999	.01645	90.01814	.00342	.00147	.10967	.04708	1.24688	2.54721	-.00351
1.250	4.000	.01680	90.01814	.00442	.00190	.14643	.06301	1.24498	2.54144	-.00587
GRADIENT		-.00013	-.00001	-.00015	-.00006	.03547	.01523	-.00009	-.00028	-.00011

RUN NO. 1261/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	ALPHA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
1.400	-3.988	.02348	90.01819	.00409	.00185	-.15411	-.06966	1.39631	3.03633	-.00456
1.399	-2.980	.02230	90.01817	.00436	.00197	-.11404	-.05142	1.39760	3.04085	-.00218
1.400	-1.984	.02113	90.01814	.00505	.00228	-.07441	-.03355	1.39831	3.04333	-.00215
1.400	-.986	.01816	90.01814	.00472	.00213	-.03524	-.01588	1.39846	3.04386	-.00177
1.400	.019	.01744	90.01813	.00326	.00147	.00339	.00153	1.39955	3.04766	-.00094
1.400	1.008	.01771	90.01813	.00259	.00117	.04324	.01948	1.39879	3.04502	-.00112
1.400	2.000	.01710	90.01813	.00313	.00141	.08173	.03686	1.39761	3.04089	-.00249
1.400	3.001	.01555	90.01814	.00419	.00189	.12020	.05428	1.39699	3.03873	-.00363
1.400	4.001	.01486	90.01814	.00495	.00224	.16197	.07323	1.39558	3.03380	-.00484
GRADIENT		-.00106	-.00001	-.00005	-.00002	.03939	.01779	-.00010	-.00034	-.00009

IA310 (AEDC 16TF-783) FLOW ANGULARITIES-FAIR OFF (TCMO18) ( 04 OCT 91 )

PARAMETRIC DATA

ALPHA = .000 PHI = 90.000

RUN NO. 1228/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	ALPHA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
1.449	-3.987	.01990	90.01819	.00880	.00404	-.16138	-.07414	1.44275	3.20145	-.00763
1.450	-2.980	.01946	90.01817	.00862	.00395	-.12058	-.05529	1.44466	3.20837	-.00567
1.450	-1.985	.01898	90.01814	.00861	.00393	-.07976	-.03646	1.44753	3.21878	-.00266
1.450	-.992	.01857	90.01814	.00793	.00362	-.03740	-.01707	1.44873	3.22314	-.00092
1.450	.016	.01773	90.01813	.00585	.00267	.00382	.00174	1.44951	3.22597	-.00024
1.450	1.009	.01717	90.01813	.00461	.00210	.04704	.02142	1.45126	3.23234	.00133
1.450	2.006	.01649	90.01813	.00462	.00211	.08748	.04003	1.44730	3.21794	-.00341
1.450	2.996	.01693	90.01814	.00551	.00252	.12859	.05887	1.44638	3.21462	-.00405
1.450	3.997	.01442	90.01814	.00612	.00280	.17291	.07923	1.44533	3.21079	-.00498
GRADIENT		-.00060	-.00001	-.00052	-.00024	.04183	.01917	.00029	.00107	.00027

IA310 (AEDC 16TF-783) FLOW ANGULARITIES-FAIR OFF (TCMO19) ( 04 OCT 91 )

PARAMETRIC DATA

ALPHA = .000 PHI = -90.000

RUN NO. 1224/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	ALPHA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
.900	4.025	-.01137	-89.98788	-.00256	-.00086	.14913	.05020	.89625	1.68445	-.00405
.900	3.016	-.01107	-89.98790	-.00348	-.00117	.11067	.03717	.89756	1.68683	-.00232
.900	2.005	-.01059	-89.98792	-.00443	-.00149	.07195	.02415	.89881	1.68913	-.00131
.900	1.000	-.01016	-89.98793	-.00551	-.00185	.03396	.01140	.89914	1.68974	-.00085
.900	-.016	-.00973	-89.98793	-.00527	-.00177	-.00325	-.00109	.89909	1.68964	-.00067
.900	-1.012	-.00938	-89.98793	-.00341	-.00114	-.04073	-.01366	.89893	1.68935	-.00082
.900	-2.013	-.00884	-89.98793	-.00234	-.00079	-.07873	-.02643	.89874	1.68900	-.00131
.900	-3.023	-.00835	-89.98792	-.00230	-.00077	-.11715	-.03934	.89774	1.68718	-.00209
.900	-4.039	-.00801	-89.98790	-.00279	-.00094	-.15628	-.05259	.89635	1.68464	-.00389
GRADIENT		-.00043	.00000	-.00015	-.00005	.03776	.01269	-.00001	-.00002	-.00002

IA310 (AEDC 16TF-783) FLOW ANGULARITIES-FAIR OFF (TCMO19) ( 04 OCT 91 )

PARAMETRIC DATA

ALPHA = .000 PHI = -90.000

RUN NO. 1169/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	ALPHA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
1.250	4.023	-.00472	-89.98788	-.00167	-.00074	.13920	.05974	1.24702	2.54766	-.00338
1.250	3.010	-.00598	-89.98790	-.00263	-.00113	.10282	.04406	1.24837	2.55177	-.00185
1.250	2.001	-.00777	-89.98792	-.00371	-.00159	.06675	.02860	1.24865	2.55263	-.00149
1.250	.995	-.00712	-89.98793	-.00465	-.00199	.03145	.01347	1.24853	2.55227	-.00134
1.250	-.013	-.00721	-89.98793	-.00364	-.00156	-.00330	-.00141	1.24913	2.55410	-.00086
1.250	-1.009	-.00657	-89.98793	-.00217	-.00093	-.03868	-.01655	1.24928	2.55454	-.00052
1.250	-2.027	-.00788	-89.98793	-.00140	-.00060	-.07393	-.03167	1.24858	2.55240	-.00143
1.250	-3.024	-.00878	-89.98792	-.00137	-.00059	-.10863	-.04659	1.24738	2.54875	-.00264
1.250	-4.043	-.00725	-89.98790	-.00137	-.00059	-.14543	-.06253	1.24602	2.54461	-.00500
	GRADIENT	.00030	.00000	-.00020	-.00009	.03516	.01509	.00011	.00032	.00013

RUN NO. 1188/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	ALPHA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
1.400	4.025	-.01235	-89.98788	-.00156	-.00070	.15539	.07015	1.39708	3.03905	-.00335
1.400	3.024	-.01154	-89.98790	-.00214	-.00097	.11549	.05203	1.39840	3.04365	-.00139
1.399	2.004	-.01003	-89.98792	-.00399	-.00180	.07573	.03412	1.39812	3.04265	-.00152
1.399	.998	-.00824	-89.98793	-.00467	-.00210	.03603	.01623	1.39844	3.04380	-.00111
1.400	-.019	-.00742	-89.98793	-.00348	-.00157	-.00335	-.00151	1.39956	3.04770	-.00019
1.400	-1.004	-.00820	-89.98793	-.00220	-.00099	-.04192	-.01886	1.39935	3.04697	-.00020
1.400	-2.024	-.00805	-89.98793	-.00175	-.00079	-.08100	-.03653	1.39790	3.04190	-.00222
1.400	-3.015	-.00750	-89.98792	-.00193	-.00087	-.11947	-.05391	1.39725	3.03960	-.00294
1.400	-4.035	-.00579	-89.98790	-.00196	-.00089	-.16127	-.07287	1.39618	3.03588	-.00425
	GRADIENT	-.00070	.00000	-.00010	-.00004	.03911	.01765	.00011	.00038	.00014

RUN NO. 1202/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	ALPHA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
1.450	4.030	-.00921	-89.98788	-.00565	-.00260	.16314	.07493	1.44361	3.20456	-.00732
1.450	3.019	-.00933	-89.98790	-.00617	-.00283	.12191	.05591	1.44446	3.20765	-.00588
1.450	2.011	-.00928	-89.98792	-.00711	-.00325	.08135	.03719	1.44731	3.21798	-.00273
1.450	1.005	-.00907	-89.98793	-.00691	-.00315	.03880	.01771	1.44953	3.22606	-.00073
1.451	-.003	-.00840	-89.98793	-.00521	-.00238	-.00294	-.00134	1.45092	3.23111	.00040
1.450	-1.001	-.00794	-89.98793	-.00376	-.00171	-.04570	-.02080	1.45172	3.23404	.00180
1.450	-2.009	-.00827	-89.98793	-.00262	-.00120	-.08631	-.03946	1.44723	3.21771	-.00282
1.450	-3.011	-.00679	-89.98792	-.00259	-.00118	-.12704	-.05811	1.44711	3.21724	-.00358
1.450	-4.025	-.00705	-89.98790	-.00254	-.00116	-.17158	-.07856	1.44656	3.21526	-.00407
	GRADIENT	-.00032	.00000	-.00058	-.00027	.04151	.01902	-.00036	-.00131	-.00037

IA310 (AEDC 16TF-783) FLOW ANGULARITIES-FAIR OFF (TCM019) ( 04 OCT 91 )

## PARAMETRIC DATA

ALPHA = .000 PHI = -90.000

RUN NO. 1281/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	ALPHA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
1.473	4.024	-.00935	-89.98788	-.00294	-.00136	.17150	.07907	1.46848	3.29553	-.00762
1.473	3.007	-.00958	-89.98790	-.00373	-.00172	.12549	.05786	1.46802	3.29384	-.00766
1.473	2.004	-.00895	-89.98792	-.00538	-.00248	.08193	.03786	1.46601	3.28640	-.00977
1.473	.993	-.00913	-89.98793	-.00651	-.00300	.03867	.01784	1.46808	3.29404	-.00762
1.473	-.010	-.00787	-89.98793	-.00574	-.00265	-.00369	-.00170	1.46904	3.29760	-.00670
1.473	-1.012	-.00830	-89.98793	-.00453	-.00209	-.04740	-.02184	1.46889	3.29703	-.00670
1.474	-2.014	-.00814	-89.98793	-.00364	-.00168	-.09048	-.04168	1.46965	3.29985	-.00614
1.473	-3.021	-.00697	-89.98792	-.00352	-.00162	-.13351	-.06146	1.46938	3.29882	-.00582
1.474	-4.040	-.00721	-89.98790	-.00302	-.00139	-.17750	-.08185	1.46889	3.29705	-.00740
GRADIENT		-.00031	.00000	-.00010	-.00004	.04313	.01988	-.00023	-.00084	-.00024

RUN NO. 1243/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	ALPHA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
1.496	4.023	-.00829	-89.98788	-.00438	-.00203	.18281	.08449	1.49347	3.38866	-.00757
1.496	3.012	-.00786	-89.98790	-.00546	-.00253	.13754	.06361	1.49294	3.38667	-.00814
1.495	1.999	-.00786	-89.98792	-.00722	-.00333	.09107	.04199	1.49507	3.39466	-.00521
1.496	.996	-.00756	-89.98793	-.00735	-.00339	.04228	.01952	1.49453	3.39265	-.00627
1.496	-.027	-.00631	-89.98793	-.00634	-.00292	-.00532	-.00246	1.49485	3.39386	-.00558
1.496	-1.013	-.00594	-89.98793	-.00531	-.00245	-.05181	-.02394	1.49367	3.38941	-.00699
1.496	-2.024	-.00798	-89.98793	-.00493	-.00228	-.09797	-.04519	1.49532	3.39559	-.00515
1.496	-3.020	-.00793	-89.98792	-.00441	-.00203	-.14177	-.06536	1.49546	3.39617	-.00460
1.496	-4.039	-.00856	-89.98790	-.00346	-.00160	-.18788	-.08668	1.49533	3.39565	-.00530
GRADIENT		-.00000	.00000	-.00022	-.00010	.04624	.02135	-.00024	-.00091	-.00032

RUN NO. 1289/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	ALPHA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
1.520	4.024	-.01202	-89.98788	-.00682	-.00317	.17035	.07909	1.51863	3.48417	-.00717
1.520	3.023	-.01114	-89.98790	-.00579	-.00269	.10966	.05092	1.51826	3.48276	-.00730
1.520	1.988	-.01073	-89.98792	-.00695	-.00322	.04566	.02117	1.51954	3.48765	-.00576
1.520	.994	-.01044	-89.98793	-.00607	-.00281	.01897	.00880	1.51952	3.48760	-.00619
1.520	-.015	-.00950	-89.98793	-.00614	-.00285	-.00659	-.00306	1.51957	3.48779	-.00595
1.520	-1.006	-.00991	-89.98793	-.00680	-.00315	-.03408	-.01580	1.51946	3.48737	-.00594
1.520	-2.014	-.00996	-89.98793	-.00683	-.00317	-.08694	-.04035	1.51929	3.48669	-.00679
1.519	-3.016	-.00955	-89.98792	-.00570	-.00265	-.14637	-.06795	1.51791	3.48143	-.00717
1.520	-4.040	-.00956	-89.98790	-.00442	-.00206	-.20791	-.09659	1.51813	3.48227	-.00782
GRADIENT		-.00028	.00000	-.00016	-.00007	.04307	.02000	-.00006	-.00023	-.00007



IA310 (AEDC 16TF-783) FLOW ANGULARITIES-FAIR OFF (TCM019) ( 04 OCT 91 )

PARAMETRIC DATA

ALPHA = .000 PHI = -90.000

RUN NO. 1256/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	ALPHA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
1.543	4.023	-.01225	-89.98788	-.00485	-.00228	.15279	.07168	1.53671	3.55387	-.01447
1.544	3.016	-.01152	-89.98790	-.00639	-.00300	.10837	.05083	1.53749	3.55692	-.01400
1.543	2.004	-.01110	-89.98792	-.00731	-.00343	.06425	.03015	1.53635	3.55250	-.01459
1.543	.993	-.01058	-89.98793	-.00823	-.00387	.02427	.01142	1.53386	3.54284	-.01720
1.544	-.016	-.01017	-89.98793	-.00734	-.00346	-.00793	-.00374	1.53297	3.53940	-.01879
1.544	-1.012	-.00994	-89.98793	-.00522	-.00246	-.03956	-.01865	1.53305	3.53969	-.01885
1.544	-2.025	-.00942	-89.98793	-.00357	-.00168	-.07884	-.03715	1.53341	3.54110	-.01851
1.544	-3.021	-.00887	-89.98792	-.00208	-.00098	-.12345	-.05815	1.53362	3.54190	-.01817
1.544	-4.040	-.00916	-89.98790	-.00071	-.00033	-.18374	-.08653	1.53357	3.54171	-.01812
	GRADIENT	-.00040	.00000	-.00075	-.00035	.03958	.01861	.00051	.00198	.00061

IA310 (AEDC 16TF-783) FLOW ANGULARITIES-FAIR OFF (TCM020) ( 04 OCT 91 )

PARAMETRIC DATA

ALPHA = .000 PHI = -90.000

RUN NO. 1273/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	ALPHA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
.900	4.025	-.01155	-89.98788	-.00197	-.00066	.14948	.05029	.89636	1.68466	-.00372
.900	3.016	-.01143	-89.98790	-.00232	-.00098	.11077	.03720	.89796	1.68758	-.00205
.900	1.999	-.01097	-89.98792	-.00399	-.00134	.07186	.02411	.89877	1.68905	-.00114
.900	.995	-.01076	-89.98793	-.00496	-.00166	.03406	.01143	.89943	1.69027	-.00083
.900	-.022	-.01008	-89.98793	-.00491	-.00165	-.00335	-.00112	.89911	1.68967	-.00056
.900	-1.012	-.00963	-89.98793	-.00236	-.00099	-.04079	-.01368	.89922	1.68988	-.00072
.900	-2.018	-.00911	-89.98793	-.00234	-.00079	-.07866	-.02638	.89868	1.68889	-.00099
.900	-3.018	-.00892	-89.98792	-.00194	-.00065	-.11692	-.03927	.89794	1.68754	-.00209
.899	-4.039	-.00840	-89.98790	-.00228	-.00077	-.15639	-.05258	.89597	1.68395	-.00368
	GRADIENT	-.00041	.00000	-.00011	-.00004	.03779	.01270	.00003	.00006	-.00001

(TCM020) ( 04 OCT 91 )

IA310 (AEDC 16TF-783) FLOW ANGULARITIES-FAIR OFF

PARAMETRIC DATA

ALPHA = .000 PHI = -90.000

RUN NO. 1267/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	ALPHA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
1.249	4.020	-.00637	-89.98788	-.00138	-.00059	.13858	.05954	1.24549	2.54299	-.00466
1.250	3.018	-.00795	-89.98790	-.00228	-.00098	.10249	.04397	1.24768	2.54967	-.00296
1.250	1.999	-.00886	-89.98792	-.00310	-.00133	.06663	.02857	1.24834	2.55169	-.00223
1.250	.993	-.00848	-89.98793	-.00396	-.00170	.03080	.01320	1.24795	2.55049	-.00215
1.250	-.015	-.00823	-89.98793	-.00312	-.00134	-.00361	-.00155	1.24783	2.55013	-.00219
1.249	-1.016	-.00697	-89.98793	-.00202	-.00087	-.03917	-.01677	1.24849	2.55215	-.00116
1.250	-2.017	-.00861	-89.98793	-.00138	-.00059	-.07419	-.03181	1.24773	2.54982	-.00237
1.250	-3.025	-.00914	-89.98792	-.00133	-.00057	-.10912	-.04683	1.24716	2.54808	-.00327
1.250	-4.044	-.00883	-89.98790	-.00146	-.00063	-.14595	-.06279	1.24470	2.54058	-.00586
GRADIENT		.00019	.00000	-.00013	-.00006	.03516	.01510	.00009	.00027	.00008

RUN NO. 1262/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	ALPHA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
1.400	4.019	-.01305	-89.98788	-.00060	-.00027	.15483	.06998	1.39585	3.03475	-.00454
1.400	3.006	-.01232	-89.98790	-.00129	-.00058	.11481	.05179	1.39781	3.04158	-.00249
1.400	1.998	-.01000	-89.98792	-.00271	-.00122	.07560	.03410	1.39811	3.04263	-.00237
1.400	.997	-.00860	-89.98793	-.00356	-.00160	.03611	.01628	1.39825	3.04311	-.00208
1.400	-.020	-.00810	-89.98793	-.00262	-.00118	-.00296	-.00133	1.39860	3.04435	-.00113
1.400	-1.014	-.00863	-89.98793	-.00166	-.00075	-.04214	-.01898	1.39908	3.04602	-.00091
1.400	-2.020	-.00891	-89.98793	-.00110	-.00050	-.08071	-.03641	1.39772	3.04125	-.00269
1.400	-3.021	-.00739	-89.98792	-.00150	-.00068	-.11940	-.05389	1.39720	3.03945	-.00312
1.400	-4.041	-.00549	-89.98790	-.00158	-.00071	-.16118	-.07286	1.39545	3.03336	-.00483
GRADIENT		-.00078	.00000	-.00001	-.00000	.03905	.01764	.00006	.00019	.00004

RUN NO. 1231/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	ALPHA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
1.450	4.014	-.01042	-89.98788	-.00631	-.00290	.16287	.07488	1.44244	3.20034	-.00837
1.450	3.013	-.00977	-89.98790	-.00655	-.00300	.12235	.05614	1.44416	3.20654	-.00632
1.450	1.994	-.00972	-89.98792	-.00743	-.00340	.08106	.03707	1.44741	3.21834	-.00284
1.450	.999	-.00954	-89.98793	-.00754	-.00344	.03858	.01761	1.44908	3.22444	-.00096
1.451	-.025	-.00919	-89.98793	-.00593	-.00271	-.00351	-.00160	1.45089	3.23100	-.00026
1.450	-1.012	-.00858	-89.98793	-.00448	-.00204	-.04619	-.02104	1.45076	3.23053	-.00113
1.451	-2.015	-.00909	-89.98793	-.00355	-.00163	-.08648	-.03956	1.44791	3.22015	-.00300
1.450	-3.027	-.00898	-89.98792	-.00367	-.00168	-.12793	-.05856	1.44669	3.21571	-.00388
1.450	-4.057	-.00985	-89.98790	-.00372	-.00170	-.17271	-.07906	1.44629	3.21426	-.00403
GRADIENT		-.00011	.00000	-.00049	-.00023	.04158	.01906	-.00042	-.00154	-.00044

IA310 (AEDC 16TF-783) FLOW ANGULARITIES-FAIR OFF (TCM021) ( 04 OCT 91 )

## PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 1171/ O RN/L = 2.51 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
1.300	.012	-.01780	-.00338	.00348	.00152	-.00400	-.00175	1.29590	2.70045	-.00457
1.300	-4.013	-.01557	-.00446	-.14099	-.06209	-.00345	-.00152	1.29100	2.68481	-.01025
	GRADIENT	-.00055	.00027	.03589	.01580	-.00013	-.00006	.00122	.00388	.00141

RUN NO. 1175/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
1.350	.017	-.01887	-.00337	.00458	.00204	-.00343	-.00152	1.34703	2.86783	-.00361
1.350	-4.028	-.01648	-.04421	-.14703	-.06578	-.00273	-.00122	1.34180	2.85039	-.00928
	GRADIENT	-.00059	.01010	.03749	.01677	-.00017	-.00008	.00129	.00431	.00140

RUN NO. 1233/ O RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
1.470	.010	-.01693	-.00338	.00342	.00157	-.00562	-.00258	1.46782	3.29307	-.00785
1.470	-4.025	-.01757	-.00460	-.17124	-.07898	-.00419	-.00193	1.46434	3.28027	-.01200
	GRADIENT	.00016	.00030	.04329	.01997	-.00036	-.00016	.00086	.00317	.00103

RUN NO. 1245/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
1.519	.009	-.01828	-.00338	.00335	.00155	-.00365	-.00169	1.51923	3.48647	-.00629
1.519	-4.019	-.02043	-.00479	-.17917	-.08334	-.00839	-.00390	1.51533	3.47155	-.00985
	GRADIENT	.00053	.00035	.04531	.02107	.00118	.00055	.00097	.00371	.00088

IA310 (AEDC 16TF-783) FLOW ANGULARITIES-FAIR OFF (TCM022) ( 04 OCT 91 )

## PARAMETRIC DATA

BETA = .000 PHI = 180.000

RUN NO. 1172/ O RN/L = 2.51 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
1.300	-.015	.00815	179.99240	-.00463	-.00203	.00462	.00203	1.29598	2.70071	-.00478
1.300	4.027	.00466	179.99210	.14214	.06218	-.00449	.00197	1.29660	2.70269	-.00364
	GRADIENT	-.00086	-.00007	.03631	.01589	-.00003	-.00001	.00015	.00049	.00028

(TCM022) ( 04 OCT 91 )

IA310 (AEDC 16TF-783) FLOW ANGULARITIES-FAIR OFF

PARAMETRIC DATA

BETA = .000 PHI = 180.000

RUN NO. 1176/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
1.350	-.014	.00915	179.99240	-.00468	-.00208	.00407	.00181	1.34662	2.86647	-.00347
1.350	4.015	.00789	179.99180	.14742	.06548	.00390	.00173	1.34819	2.87174	-.00194
	GRADIENT	-.00031	-.00015	.03776	.01677	-.00004	-.00002	.00039	.00131	.00038

RUN NO. 1234/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
1.470	-.017	.00658	179.99240	-.00434	-.00199	.00601	.00276	1.46835	3.29503	-.00773
1.470	4.028	.00644	179.99190	.17079	.07824	.00571	.00261	1.47044	3.30275	-.00517
	GRADIENT	-.00003	-.00012	.04330	.01984	-.00007	-.00004	.00052	.00191	.00063

RUN NO. 1246/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
1.519	-.016	.00783	179.99240	-.00929	-.00431	.00253	.00117	1.51908	3.48589	-.00644
1.519	4.022	.00763	179.99190	.17129	.07942	.00764	.00354	1.51847	3.48357	-.00686
	GRADIENT	-.00005	-.00012	.04472	.02073	.00126	.00059	-.00015	-.00057	-.00010

IA310 (AEDC 16TF-783) FLOW ANGULARITIES-FAIR OFF (TCM023) ( 04 OCT 91 )

PARAMETRIC DATA

BETA = .000 PHI = 180.000

RUN NO. 1249/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
1.519	-.016	.00859	179.99240	-.00946	-.00439	.00256	.00119	1.51885	3.48500	-.00669
1.520	4.022	.00808	179.99180	.17150	.07951	.00721	.00334	1.51978	3.48857	-.00653
	GRADIENT	-.00013	-.00015	.04481	.02077	.00115	.00053	.00023	.00088	.00004

IA310 (AEDC 16TF-783) FLOW ANGULARITIES-FAIR OFF (TCM024) ( 04 OCT 91 )

PARAMETRIC DATA

ALPHA = .000 PHI = 90.000

RUN NO. 1173/ 0 RN/L = 2.51 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	ALPHA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
1.300	1.999	.01756	90.01813	.00369	.00161	.07569	.0312	1.29626	2.70159	-.00388
1.299	-2.029	.01833	90.01816	.00581	.00254	-.06781	-.02966	1.29574	2.69994	-.00359
	GRADIENT	-.00019	-.00001	-.00053	-.00023	.03563	.01559	-.00013	.00041	-.00007

RUN NO. 1177/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	ALPHA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
1.350	1.994	.01743	90.01813	.00315	.00140	.07933	.03524	1.34829	2.87207	-.00210
1.350	-2.023	.01849	90.01816	.00523	.00232	-.07060	-.03139	1.34760	2.86975	-.00276
	GRADIENT	-.00026	-.00001	-.00052	-.00023	.03733	.01659	-.00017	.00058	-.00017

RUN NO. 1235/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	ALPHA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
1.470	1.995	.01597	90.01813	.00476	.00218	.09133	.04194	1.46833	3.29496	-.00703
1.470	-2.016	.01864	90.01814	.00670	.00309	-.08187	-.03774	1.46512	3.28312	-.01072
	GRADIENT	-.00066	-.00000	-.00049	-.00023	.04318	.01986	-.00080	.00295	.00092

RUN NO. 1247/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	ALPHA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
1.519	1.995	.01822	90.01813	.00244	.00113	.08294	.03850	1.51744	3.47962	-.00816
1.519	-2.016	.02072	90.01814	.00258	-.00120	-.05236	-.02427	1.51881	3.48488	-.00681
	GRADIENT	-.00062	-.00000	.00125	.00058	.03373	.01565	-.00034	-.00131	-.00034

IA310 (AEDC 16TF-783) FLOW ANGULARITIES-FAIR OFF (TCM025) ( 04 OCT 91 )

PARAMETRIC DATA

ALPHA = .000 PHI = -90.000

RUN NO. 1174/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	ALPHA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
1.300	-2.007	-.00858	-89.98793	-.00207	-.00091	-.07450	-.03261	1.29613	2.70119	-.00430
1.300	2.022	-.00950	-89.98792	-.00481	-.00210	.06847	.02396	1.29667	2.70293	-.00385
	GRADIENT	-.00023	.00000	-.00068	-.00030	.03548	.01553	-.00013	.00043	.00011

Handwritten mark resembling a stylized 'C' or 'R'.

IA310 (AEDC 16TF-783) FLOW ANGULARITIES-FAIR OFF

(TCM025) ( 04 OCT 91 )

PARAMETRIC DATA

ALPHA = .000 PHI = -90.000

RUN NO. 1178/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	ALPHA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
1.350	-2.013	-0.00919	-89.98793	-0.00148	-0.00066	-0.07814	-0.03472	1.34802	2.87116	-0.00221
1.350	2.022	-0.00985	-89.98792	-0.00392	-0.00174	0.07146	0.03176	1.34794	2.87089	-0.00262
	GRADIENT	-0.00016	0.00000	-0.00061	-0.00027	0.03708	0.01648	-0.00002	-0.00007	-0.00010

RUN NO. 1236/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	ALPHA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
1.471	-2.009	-0.00827	-89.98793	-0.00408	-0.00188	-0.09030	-0.04147	1.46907	3.29770	-0.00625
1.471	2.025	-0.00909	-89.98792	-0.00578	-0.00267	0.08276	0.03817	1.46576	3.28548	-0.01053
	GRADIENT	-0.00021	0.00000	-0.00042	-0.00020	0.04290	0.01974	-0.00082	-0.00303	-0.00106

RUN NO. 1248/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	ALPHA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
1.519	-2.009	-0.00966	-89.98793	-0.00639	-0.00297	-0.08984	-0.04170	1.51789	3.48135	-0.00800
1.519	2.031	-0.01033	-89.98792	-0.00733	-0.00340	0.04731	0.02194	1.51825	3.48272	-0.00698
	GRADIENT	-0.00017	0.00000	-0.00023	-0.00011	0.03394	0.01575	-0.00009	0.00034	0.00025

IA310 (AEDC 16TF-783) PORT MISORIENT-FAIRING OFF (TCMO26) ( 04 OCT 91 )

PARAMETRIC DATA

ALPHA = .000 BETA = .000

RUN NO. 1293/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	PHI	ALPHA	BETA	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
.599	-1.983	-.01950	-.15943	-.00283	-.00056	-.00657	-.00130	.59899	1.27450	-.00022
.599	-1.746	-.01858	-.15953	-.00211	-.00042	-.00662	-.00130	.59914	1.27465	-.00011
.600	-1.508	-.01812	-.15969	-.00260	-.00051	-.00687	-.00136	.59918	1.27469	-.00075
.599	-1.271	-.01712	-.15972	-.00204	-.00040	-.00711	-.00140	.59881	1.27432	-.00021
.600	-.993	-.01643	-.15969	-.00212	-.00042	-.00686	-.00136	.59923	1.27473	-.00060
.600	-.716	-.01068	-.15981	-.00228	-.00045	-.00696	-.00138	.59961	1.27511	-.00052
.600	-.479	-.00989	-.15972	-.00205	-.00040	-.00662	-.00131	.59883	1.27434	-.00053
.600	-.241	-.01480	-.15976	-.00244	-.00048	-.00687	-.00136	.59918	1.27469	-.00054
.599	-.003	-.01389	-.15990	-.00205	-.00040	-.00694	-.00137	.59854	1.27405	-.00062
.600	.234	-.01335	-.16033	-.00190	-.00038	-.00676	-.00134	.59908	1.27458	-.00054
.599	.472	-.01278	-.15994	-.00184	-.00036	-.00685	-.00135	.59888	1.27439	-.00002
.600	.749	-.00678	-.15974	-.00215	-.00042	-.00685	-.00135	.59910	1.27460	-.00033
.599	1.224	-.01128	-.16028	-.00227	-.00045	-.00689	-.00136	.59877	1.27427	-.00023
.600	1.501	-.01050	-.16034	-.00234	-.00046	-.00713	-.00141	.59900	1.27451	-.00054
.599	1.739	-.00939	-.16027	-.00223	-.00044	-.00696	-.00137	.59905	1.27456	-.00038
.599	1.977	-.00877	-.16047	-.00195	-.00038	-.00708	-.00140	.59917	1.27468	-.00018
.599	GRADIENT	-.00824	-.16019	-.00162	-.00032	-.00661	-.00130	.59899	1.27450	-.00008
		.00270	-.00022	.00012	.00002	-.00004	-.00001	-.00003	-.00003	-.00004

RUN NO. 1298/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	PHI	ALPHA	BETA	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
.900	-2.023	-.02078	-.12637	-.00168	-.00056	-.00501	-.00168	.89921	1.68986	-.00055
.900	-1.746	-.01476	-.12658	-.00166	-.00056	-.00504	-.00169	.89928	1.68998	-.00057
.900	-1.508	-.01952	-.12678	-.00167	-.00056	-.00497	-.00167	.89919	1.68982	-.00070
.900	-1.271	-.01391	-.12667	-.00164	-.00055	-.00496	-.00166	.89919	1.68981	-.00061
.900	-.993	-.01866	-.12695	-.00163	-.00055	-.00497	-.00167	.89945	1.69030	-.00061
.900	-.756	-.01274	-.12686	-.00155	-.00052	-.00502	-.00168	.89946	1.69032	-.00049
.900	-.518	-.01218	-.12706	-.00161	-.00054	-.00510	-.00171	.89930	1.69002	-.00076
.900	-.241	-.01162	-.12679	-.00156	-.00052	-.00503	-.00169	.89961	1.69059	-.00051
.900	-.003	-.01132	-.12723	-.00156	-.00052	-.00521	-.00175	.89922	1.68987	-.00065
.900	.234	-.01589	-.12728	-.00146	-.00049	-.00502	-.00168	.89902	1.68951	-.00064
.900	.472	-.01009	-.12720	-.00147	-.00049	-.00493	-.00165	.89934	1.69036	-.00051
.900	.709	-.01477	-.12688	-.00142	-.00048	-.00498	-.00171	.89948	1.69010	-.00060
.900	.987	-.00910	-.12724	-.00145	-.00049	-.00513	-.00172	.89932	1.69005	-.00053
.900	1.224	-.00847	-.12734	-.00136	-.00045	-.00512	-.00172	.89944	1.69029	-.00062
.900	1.462	-.01323	-.12743	-.00143	-.00048	-.00508	-.00171	.89941	1.69023	-.00064
.900	1.739	-.00745	-.12720	-.00139	-.00047	-.00516	-.00173	.89954	1.69045	-.00056
.900	1.977	-.00685	-.12735	-.00134	-.00045	-.00504	-.00169	.89928	1.68998	-.00065
.900	GRADIENT	.00257	-.00021	.00009	.00003	-.00003	-.00001	-.00004	.00007	-.00000

IA310 (AEDC 16TF-783) PORT MISORIENT-FAIRING OFF (TCMO26) ( 04 OCT 91 )

PARAMETRIC DATA

ALPHA = .000 BETA = .000

RUN NO. 1304/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	PHI	ALPHA	BETA	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
1.250	-1.983	-.01652	-.10184	-.00107	-.00046	-.00352	-.00151	1.24872	2.55286	-.00139
1.250	-1.746	-.01618	-.10148	-.00084	-.00036	-.00358	-.00153	1.24867	2.55269	-.00159
1.249	-1.508	-.01592	-.10147	-.00071	-.00031	-.00359	-.00154	1.24838	2.55182	-.00133
1.250	-1.231	-.01526	-.10168	-.00069	-.00029	-.00359	-.00154	1.24862	2.55254	-.00134
1.250	-.993	-.01514	-.10123	-.00059	-.00025	-.00356	-.00153	1.24865	2.55262	-.00143
1.249	-.756	-.01456	-.10149	-.00062	-.00027	-.00360	-.00154	1.24848	2.55211	-.00119
1.250	-.518	-.01391	-.10140	-.00058	-.00025	-.00357	-.00153	1.24854	2.55229	-.00145
1.250	-.241	-.01371	-.10156	-.00041	-.00017	-.00355	-.00155	1.24856	2.55237	-.00163
1.250	-.003	-.01300	-.10198	-.00038	-.00016	-.00361	-.00155	1.24880	2.55308	-.00132
1.250	.234	-.01232	-.10177	-.00040	-.00017	-.00363	-.00156	1.24886	2.55328	-.00143
1.250	.472	-.01273	-.10209	-.00040	-.00017	-.00353	-.00151	1.24900	2.55369	-.00137
1.250	.709	-.01203	-.10164	-.00031	-.00013	-.00356	-.00152	1.24893	2.55347	-.00140
1.250	.987	-.01094	-.10164	-.00030	-.00013	-.00353	-.00151	1.24879	2.55305	-.00140
1.250	1.224	-.01145	-.10156	-.00029	-.00013	-.00354	-.00152	1.24859	2.55245	-.00138
1.250	1.501	-.01024	-.10171	-.00025	-.00011	-.00358	-.00153	1.24845	2.55202	-.00135
1.250	1.739	-.00988	-.10191	-.00021	-.00013	-.00357	-.00153	1.24859	2.55244	-.00142
1.250	1.977	-.00925	-.10187	-.00029	-.00012	-.00361	-.00155	1.24885	2.55324	-.00138
GRADIENT		.00181	-.00008	.00017	.00007	-.00000	-.00000	.00004	.00011	.00001

RUN NO. 1310/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	PHI	ALPHA	BETA	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
1.400	-2.023	-.01846	-.09477	-.00067	-.00030	-.00363	-.00164	1.39965	3.04801	-.00043
1.400	-1.746	-.01345	-.09557	-.00031	-.00014	-.00365	-.00164	1.39926	3.04666	-.00049
1.400	-1.508	-.01322	-.09542	-.00036	-.00016	-.00359	-.00161	1.39965	3.04802	-.00057
1.400	-1.231	-.01749	-.09518	-.00031	-.00014	-.00364	-.00164	1.39965	3.04803	-.00046
1.400	-.993	-.01190	-.09500	-.00031	-.00014	-.00359	-.00162	1.39970	3.04817	-.00041
1.400	-.756	-.01121	-.09554	-.00027	-.00012	-.00357	-.00160	1.39964	3.04796	-.00028
1.400	-.518	-.01104	-.09536	-.00026	-.00012	-.00357	-.00161	1.39941	3.04717	-.00039
1.400	-.241	-.01082	-.09536	-.00027	-.00012	-.00363	-.00163	1.39972	3.04825	-.00027
1.400	-.003	-.01075	-.09530	-.00021	-.00009	-.00359	-.00162	1.39960	3.04785	-.00037
1.400	.234	-.01494	-.09539	-.00017	-.00008	-.00362	-.00163	1.39915	3.04629	-.00054
1.399	.472	-.00989	-.09518	-.00022	-.00010	-.00354	-.00159	1.39921	3.04648	-.00031
1.400	.709	-.00958	-.09517	-.00015	-.00007	-.00352	-.00159	1.39940	3.04715	-.00042
1.400	.987	-.00846	-.09542	-.00015	-.00007	-.00363	-.00164	1.39955	3.04767	-.00051
1.400	1.224	-.01355	-.09528	-.00016	-.00007	-.00349	-.00157	1.39917	3.04631	-.00050
1.400	1.462	-.01316	-.09554	-.00020	-.00009	-.00354	-.00159	1.39944	3.04727	-.00050
1.400	1.739	-.01287	-.09568	-.00010	-.00004	-.00357	-.00160	1.39945	3.04733	-.00040
1.399	1.977	-.00689	-.09539	-.00016	-.00007	-.00360	-.00162	1.39893	3.04550	-.00053
GRADIENT		.00132	-.00007	.00008	.00004	.00002	.00001	.00010	.00036	.00001



IA310 (AEDC 16TF-783) PORT MISORIENT-FAIRING OFF (TCM026) ( 04 OCT 91 )

PARAMETRIC DATA

ALPHA = .000 BETA = .000

RUN NO. 1315/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	PHI	ALPHA	BETA	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
1.545	-2.023	-.01785	-.13574	-.00045	-.00021	-.00494	-.00232	1.53502	3.54732	-.01641
1.545	-1.746	-.01723	-.13557	-.00038	-.00018	-.00499	-.00235	1.53486	3.54672	-.01671
1.545	-1.469	-.01646	-.13549	-.00023	-.00011	-.00490	-.00230	1.53525	3.54825	-.01630
1.545	-1.271	-.01584	-.13558	-.00014	-.00007	-.00518	-.00244	1.53544	3.54896	-.01622
1.544	-.993	-.01533	-.13569	-.00003	-.00001	-.00504	-.00237	1.53480	3.54650	-.01657
1.544	-.716	-.01468	-.13583	-.00005	-.00003	-.00500	-.00235	1.53507	3.54752	-.01664
1.544	-.479	-.01444	-.13582	-.00015	-.00007	-.00513	-.00241	1.53492	3.54695	-.01674
1.544	-.241	-.01369	-.13580	-.00010	-.00005	-.00516	-.00243	1.53480	3.54647	-.01670
1.544	-.003	-.01314	-.13594	-.00016	-.00007	-.00517	-.00243	1.53503	3.54735	-.01639
1.544	.234	-.01278	-.13606	-.00016	-.00007	-.00525	-.00247	1.53489	3.54681	-.01685
1.544	.511	-.01187	-.13625	-.00014	-.00007	-.00533	-.00251	1.53468	3.54600	-.01681
1.544	.749	-.01120	-.13577	-.00019	-.00009	-.00529	-.00249	1.53456	3.54555	-.01690
1.544	.987	-.01082	-.13596	-.00029	-.00014	-.00508	-.00239	1.53453	3.54542	-.01688
1.544	1.264	-.01037	-.13622	-.00034	-.00016	-.00515	-.00242	1.53440	3.54493	-.01680
1.544	1.462	-.00983	-.13614	-.00045	-.00021	-.00491	-.00231	1.53445	3.54513	-.01691
1.544	1.739	-.00921	-.13632	-.00046	-.00022	-.00501	-.00236	1.53480	3.54647	-.01693
1.544	1.977	-.00870	-.13620	-.00048	-.00022	-.00517	-.00243	1.53502	3.54733	-.01689
1.544	GRADIENT	.00228	-.00018	.00022	.00010	-.00003	-.00002	-.00013	-.00052	-.00014

IA310 (AEDC 16TF-783) PORT MISORIENT-FAIRING OFF (TCMO27) ( 04 OCT 91 )

PARAMETRIC DATA

ALPHA = -8.000 BETA = .000

RUN NO. 1294/ O RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	PHI	ALPHA	BETA	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
.599	-2.006	-8.02527	.12048	-.33736	-.06795	.00198	.00040	.57103	1.24747	-.02179
.599	-1.731	-8.02549	.08211	-.33665	-.06783	.00077	.00016	.57112	1.24755	-.02179
.600	-1.496	-8.02588	.04864	-.33591	-.06779	-.00095	-.00019	.57139	1.24780	-.02201
.599	-1.222	-8.02604	.01006	-.33659	-.06779	-.00253	-.00051	.57108	1.24752	-.02172
.599	-.986	-8.02607	-.02288	-.33697	-.06780	-.00396	-.00080	.57073	1.24719	-.02170
.599	-.751	-8.02605	-.05626	-.33659	-.06784	-.00567	-.00114	.57120	1.24763	-.02183
.599	-.477	-8.02557	-.09447	-.33673	-.06784	-.00654	-.00132	.57090	1.24735	-.02189
.599	-.241	-8.02532	-.12786	-.33733	-.06794	-.00843	-.00170	.57149	1.24791	-.02147
.600	-.006	-8.02475	-.16086	-.33681	-.06804	-.00960	-.00194	.57203	1.24841	-.02188
.600	.229	-8.02409	-.19434	-.33724	-.06803	-.01160	-.00234	.57222	1.24859	-.02143
.599	.504	-8.01775	-.23263	-.33801	-.06813	-.01248	-.00252	.57128	1.24770	-.02178
.599	.739	-8.01699	-.26558	-.33727	-.06804	-.01407	-.00284	.57192	1.24831	-.02162
.599	.974	-8.02099	-.29903	-.33781	-.06808	-.01580	-.00318	.57166	1.24806	-.02154
.599	1.210	-8.01961	-.33195	-.33784	-.06808	-.01734	-.00349	.57159	1.24771	-.02172
.599	1.445	-8.01798	-.36491	-.33826	-.06816	-.01829	-.00369	.57159	1.24799	-.02154
.599	1.719	-8.01655	-.40405	-.33842	-.06820	-.02067	-.00417	.57176	1.24816	-.02145
.599	1.955	-8.00942	-.43675	-.33774	-.06808	-.02201	-.00444	.57135	1.24777	-.02177
	GRADIENT	.00332	-.14073	-.00043	-.00010	-.00605	-.00122	.00017	.00016	.00007

RUN NO. 1300/ O RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	PHI	ALPHA	BETA	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
.900	-1.967	-8.01720	.14726	-.30871	-.10659	.00313	.00108	.87179	1.64093	-.03032
.900	-1.732	-8.02332	.11427	-.30902	-.10674	.00189	.00065	.87169	1.64075	-.03056
.900	-1.496	-8.02369	.08112	-.30922	-.10682	.00094	.00032	.87184	1.64100	-.03056
.900	-1.261	-8.02389	.04836	-.30950	-.10691	-.00018	-.00006	.87179	1.64093	-.03056
.900	-.987	-8.02405	.00947	-.30982	-.10701	-.00192	-.00066	.87173	1.64082	-.03054
.900	-.751	-8.02397	-.02411	-.30993	-.10708	-.00337	-.00116	.87187	1.64106	-.03058
.900	-.516	-8.02394	-.05679	-.30990	-.10702	-.00472	-.00163	.87164	1.64067	-.03046
.900	-.241	-8.02390	-.09550	-.30985	-.10704	-.00595	-.00206	.87177	1.64089	-.03062
.900	.006	-8.01792	-.12870	-.30998	-.10708	-.00746	-.00258	.87201	1.64131	-.03043
.900	.229	-8.02273	-.16168	-.30993	-.10708	-.00865	-.00299	.87182	1.64097	-.03062
.900	.504	-8.02211	-.19989	-.30996	-.10705	-.00994	-.00343	.87188	1.64109	-.03039
.900	.739	-8.02092	-.23332	-.31003	-.10707	-.01139	-.00393	.87156	1.64052	-.03047
.900	.974	-8.01992	-.26692	-.30998	-.10707	-.01296	-.00448	.87206	1.64139	-.03038
.900	1.210	-8.01869	-.29941	-.30989	-.10701	-.01394	-.00481	.87169	1.64075	-.03044
.900	1.445	-8.01776	-.33247	-.30977	-.10701	-.01519	-.00525	.87223	1.64169	-.03035
.900	1.719	-8.01598	-.37144	-.30990	-.10700	-.01702	-.00588	.87173	1.64081	-.03034
.900	1.955	-8.01427	-.40338	-.30989	-.10701	-.01744	-.00602	.87183	1.64100	-.03037
	GRADIENT	.00166	-.14061	-.00022	-.00007	-.00542	-.00187	.00003	.00006	.00004

IA310 (AEDC 16TF-783) PORT MISORIENT-FAIRING OFF (TCMO27) ( 04 OCT 91 )

## PARAMETRIC DATA

ALPHA = -8.000 BETA = .000

RUN NO. 1305/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	PHI	ALPHA	BETA	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
1.250	-2.006	-8.01958	.17926	-.28545	-.12611	.00395	.00175	1.22298	2.47513	-.03278
1.250	-1.731	-8.02042	.13999	-.28570	-.12626	.00241	.00107	1.22311	2.47552	-.03302
1.250	-1.496	-8.02115	.10733	-.28592	-.12635	.00152	.00067	1.22311	2.47553	-.03298
1.250	-1.221	-8.02138	.06979	-.28590	-.12633	.00087	.00038	1.22303	2.47530	-.03294
1.250	-.986	-8.02158	.03507	-.28590	-.12631	.00112	-.00049	1.22314	2.47563	-.03273
1.250	-.751	-8.02172	.00139	-.28594	-.12635	.00236	.00104	1.22268	2.47427	-.03304
1.250	-.516	-8.02182	-.03079	-.28594	-.12635	.00365	-.00161	1.22308	2.47545	-.03294
1.250	-.241	-8.02170	-.06902	-.28591	-.12631	.00495	-.00219	1.22253	2.47380	-.03294
1.250	-.006	-8.02125	-.10243	-.28608	-.12638	.00627	-.00277	1.22275	2.47499	-.03277
1.250	.229	-8.02076	-.13568	-.28605	-.12635	.00747	-.00330	1.22279	2.47446	-.03274
1.250	.465	-8.02020	-.16855	-.28597	-.12633	.00836	-.00370	1.22279	2.47458	-.03283
1.250	.739	-8.01940	-.20736	-.28602	-.12639	.01002	-.00443	1.22295	2.47505	-.03298
1.250	.975	-8.01831	-.24048	-.28605	-.12637	.01140	-.00504	1.22315	2.47564	-.03286
1.250	1.210	-8.01745	-.27297	-.28601	-.12631	.01238	-.00547	1.22301	2.47523	-.03290
1.250	1.485	-8.01598	-.31117	-.28604	-.12634	.01338	-.00591	1.22286	2.47477	-.03268
1.250	1.720	-8.01454	-.34483	-.28613	-.12642	.01515	-.00670	1.22296	2.47509	-.03287
1.250	1.955	-8.01323	-.37708	-.28620	-.12644	.01586	-.00701	1.22263	2.47411	-.03289
GRADIENT		.00166	-.14051	-.00011	-.00004	-.00510	-.00225	-.00005	-.00015	-.00002

RUN NO. 1311/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	PHI	ALPHA	BETA	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
1.399	-2.007	-8.01858	.18051	-.31575	-.14676	.00561	.00261	1.37069	2.94787	-.03328
1.400	-1.732	-8.01961	.14096	-.31604	-.14699	.00323	.00150	1.37125	2.94980	-.03368
1.400	-1.497	-8.02012	.10799	-.31644	-.14714	.00187	.00087	1.37161	2.95101	-.03341
1.400	-1.261	-8.02065	.07602	-.31642	-.14715	.00140	.00065	1.37118	2.94956	-.03361
1.400	-.987	-8.02103	.03648	-.31646	-.14718	.00074	-.00035	1.37102	2.94899	-.03373
1.399	-.752	-8.02644	.00365	-.31663	-.14718	.00189	-.00088	1.37107	2.94910	-.03324
1.400	-.516	-8.02109	-.02889	-.31649	-.14720	.00258	.00120	1.37107	2.94919	-.03371
1.400	-.242	-8.02068	-.06840	-.31649	-.14718	.00498	-.00232	1.37141	2.95032	-.03352
1.400	-.007	-8.02038	-.10167	-.31653	-.14721	.00639	-.00297	1.37158	2.95094	-.03355
1.400	.229	-8.01977	-.13419	-.31666	-.14723	.00784	-.00365	1.37154	2.95079	-.03336
1.400	.464	-8.01936	-.16733	-.31651	-.14719	.00912	-.00424	1.37161	2.95104	-.03350
1.400	.738	-8.01844	-.20614	-.31669	-.14724	.01072	-.00498	1.37146	2.95052	-.03333
1.400	.974	-8.01758	-.23880	-.31668	-.14724	.01204	-.00560	1.37148	2.95058	-.03336
1.400	1.209	-8.01686	-.27187	-.31666	-.14722	.01276	-.00593	1.37142	2.95041	-.03333
1.400	1.484	-8.01531	-.31063	-.31665	-.14722	.01457	-.00678	1.37142	2.95036	-.03331
1.400	1.719	-8.01397	-.34415	-.31671	-.14725	.01640	-.00762	1.37134	2.95009	-.03335
1.400	1.994	-8.01213	-.38157	-.31662	-.14722	.01731	-.00805	1.37160	2.95099	-.03340
GRADIENT		.00179	-.14057	-.00015	-.00007	-.00571	-.00266	-.00012	-.00042	-.00005

IA310 (AEDC 16TF-783) PORT MISORIENT-FAIRING OFF

(TCM027) ( 04 OCT 91 )

PARAMETRIC DATA

ALPHA = -8.000 BETA = .000

RUN NO. 1316/ O RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	PHI	ALPHA	BETA	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
1.543	-1.967	-8.01472	.13851	-.39748	-.18805	.00356	.00169	1.52898	3.52397	-.02239
1.544	-1.732	-8.02599	.10526	-.39738	-.18812	.00187	.00088	1.52953	3.52608	-.02286
1.543	-1.497	-8.02630	.07240	-.39615	-.18796	.00002	.00001	1.52629	3.51360	-.02539
1.544	-1.222	-8.02114	.03442	-.39620	-.18784	-.00074	-.00035	1.52784	3.51958	-.02449
1.544	-.987	-8.02109	.00022	-.39731	-.18834	-.00321	-.00152	1.52854	3.52226	-.02428
1.543	-.751	-8.02642	-.03245	-.39778	-.18863	-.00461	-.00218	1.52645	3.51421	-.02496
1.544	-.477	-8.02627	-.07062	-.39738	-.18850	-.00627	-.00297	1.52736	3.51773	-.02507
1.543	-.242	-8.02097	-.10411	-.39610	-.18794	-.00868	-.00412	1.52617	3.51314	-.02524
1.545	-.006	-8.02032	-.13758	-.39796	-.18880	-.01026	-.00487	1.52826	3.52120	-.02478
1.544	.229	-8.01979	-.17048	-.39653	-.18825	-.01209	-.00574	1.52661	3.51482	-.02559
1.544	.464	-8.01913	-.20345	-.39617	-.18812	-.01384	-.00657	1.52668	3.51511	-.02583
1.544	.739	-8.01806	-.24197	-.39686	-.18838	-.01558	-.00740	1.52696	3.51617	-.02547
1.544	.974	-8.01671	-.27513	-.39546	-.18776	-.01721	-.00817	1.52609	3.51283	-.02588
1.543	1.209	-8.01575	-.30821	-.39577	-.18789	-.01928	-.00915	1.52563	3.51105	-.02623
1.544	1.445	-8.01451	-.34101	-.39545	-.18766	-.02075	-.00984	1.52656	3.51464	-.02578
1.543	1.719	-8.01269	-.38002	-.39594	-.18790	-.02293	-.01088	1.52639	3.51399	-.02586
1.544	1.994	-8.01076	-.41796	-.39551	-.18770	-.02434	-.01155	1.52654	3.51455	-.02589
	GRADIENT	.00280	-.14060	.00044	.00009	-.00719	-.00341	-.00060	-.00230	-.00069













(TCM029) ( 04 OCT 91 )

IA310 (AEDC 16TF-783) PORT MISORIENT-FAIRING OFF

PARAMETRIC DATA

ALPHA = .000 BETA = 4.000

RUN NO. 1318/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	PHI	ALPHA	BETA	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
1.543	88.025	.27030	3.95282	.00616	.00292	.15858	.07527	1.52595	3.51227	-.02651
1.543	88.263	.25414	3.97519	.00385	.00183	.15980	.07586	1.52573	3.51144	-.02657
1.544	88.502	.23764	3.97093	.00340	.00161	.16015	.07602	1.52638	3.51396	-.02634
1.543	88.740	.22188	3.97724	.00296	.00141	.15996	.07592	1.52572	3.51139	-.02650
1.543	89.018	.20165	3.97291	.00189	.00090	.15997	.07595	1.52563	3.51104	-.02676
1.544	89.256	.18537	3.97404	.00113	.00054	.16010	.07603	1.52611	3.51292	-.02678
1.543	89.494	.16934	3.97968	.00064	.00030	.16022	.07608	1.52567	3.51122	-.02687
1.543	89.772	.14967	3.98109	.00030	.00014	.15993	.07594	1.52527	3.50967	-.02694
1.544	90.010	.13279	3.95013	.00061	.00029	.16021	.07605	1.52644	3.51417	-.02647
1.543	90.288	.11394	3.98056	.00113	.00054	.15991	.07592	1.52562	3.51103	-.02682
1.543	90.526	.09676	3.98127	.00178	.00085	.16002	.07596	1.52617	3.51315	-.02660
1.544	90.764	.08042	3.98184	.00290	.00138	.15983	.07590	1.52593	3.51223	-.02704
1.543	91.042	.06095	3.98214	.00334	.00159	.15985	.07592	1.52564	3.51109	-.02715
1.543	91.280	.04433	3.98239	.00349	.00166	.15976	.07585	1.52564	3.51110	-.02676
1.543	91.519	.02799	3.98243	.00512	.00243	.15957	.07577	1.52571	3.51136	-.02691
1.543	91.757	.01234	3.98266	.00500	.00237	.15974	.07585	1.52532	3.50987	-.02690
1.543	92.035	.00757	3.98263	.00573	.00272	.15977	.07587	1.52541	3.51020	-.02700
GRADIENT		.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA310 (AEDC 16TF-783) FAIRING-OFF DATABASE

(TCM030) ( 04 OCT 91 )

PARAMETRIC DATA

BETA = -4.000 PHI = 180.000

RUN NO. 1351/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
5.98	-8.099	-3.75415	-154.47550	-.34901	-.07031	-.16717	-.03368	.56651	1.24326	-.02446
6.00	-7.097	-3.74959	-151.38710	-.30430	-.06122	-.16465	-.03342	.57439	1.25062	-.01952
5.99	-6.117	-3.76281	-147.50810	-.26321	-.05271	-.16435	-.03291	.57968	1.25566	-.01529
6.00	5.142	-3.77434	-142.67870	-.22040	-.04405	-.16317	-.03261	.58476	1.26053	-.01182
6.00	-4.164	-3.78753	-136.50310	-.17802	-.03547	-.16157	-.03219	.58845	1.26411	-.00889
6.01	-3.198	-3.81922	-128.54730	-.13634	-.02717	-.16074	-.03204	.59204	1.26762	-.00681
6.01	-2.235	-3.85592	-118.49470	-.09456	-.01881	-.16191	-.03220	.59423	1.26978	-.00504
6.00	-1.264	-3.91403	-106.10850	-.05132	-.01018	-.16365	-.03246	.59571	1.27124	-.00350
6.01	-.275	-3.98738	-92.02144	-.00835	-.00166	-.16618	-.03301	.59697	1.27248	-.00312
6.00	.716	-4.06529	-78.05354	.03343	.00663	-.16794	-.03329	.59645	1.27197	-.00288
6.00	1.739	-4.12861	-65.27127	.07750	.01534	-.17063	-.03377	.59687	1.27239	-.00231
GRADIENT		-.05996	12.41349	.04336	.00862	-.00167	-.00029	.00133	.00131	.00107

IA310 (AEDC 16TF-783) FAIRING-OFF DATABASE

(TCM030) ( 04 OCT 91 )

PARAMETRIC DATA

BETA = -4.000 PHI = 180.000

RUN NO. 1341/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
.800	-8.063	-3.82245	-154.23800	-.33122	-.10064	-.16316	-.04958	.76657	1.47537	-.03346
.799	-7.056	-3.82256	-151.07010	-.29023	-.08745	-.16028	-.04830	.77280	1.48425	-.02631
.800	-6.067	-3.83122	-147.15070	-.24980	-.07494	-.15903	-.04771	.77880	1.49291	-.02092
.800	-5.088	-3.83882	-142.28120	-.20920	-.06248	-.15780	-.04713	.78406	1.50059	-.01597
.800	-4.103	-3.84903	-136.02570	-.16809	-.04999	-.15636	-.04650	.78811	1.50655	-.01187
.800	-3.132	-3.87201	-128.02980	-.12835	-.03808	-.15540	-.04611	.79138	1.51140	-.00895
.800	-2.158	-3.89493	-117.89720	-.08746	-.02587	-.15628	-.04523	.79358	1.51469	-.00642
.800	-1.185	-3.93797	-105.51080	-.04651	-.01374	-.15736	-.04649	.79551	1.51758	-.00480
.800	-.188	-3.99598	-91.34415	-.00608	-.00180	-.15912	-.04695	.79616	1.51855	-.00388
.800	.802	-4.05380	-77.41586	.03475	.01025	-.15998	-.04717	.79655	1.51855	-.00338
.800	1.818	-4.10107	-64.71310	.07667	.02260	-.16234	-.04786	.79651	1.51907	-.00336
GRADIENT		-.04427	12.38597	.04137	.01226	-.00109	-.00025	.00138	.00206	.00142

RUN NO. 1329/ O RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
.900	-8.058	-3.80518	-154.27670	-.31638	-.10975	-.15534	-.05389	.86789	1.63416	-.03488
.900	-7.048	-3.80408	-151.10880	-.27659	-.09527	-.15261	-.05257	.87428	1.64526	-.02774
.899	-6.066	-3.81642	-147.19000	-.23800	-.08148	-.15259	-.05224	.87928	1.65405	-.02186
.900	-5.081	-3.81971	-142.32010	-.19906	-.06784	-.15124	-.05155	.88463	1.66352	-.01667
.900	-4.105	-3.83495	-136.06520	-.16009	-.05432	-.14959	-.05078	.88877	1.67093	-.01234
.900	-3.133	-3.85041	-128.10870	-.12219	-.04132	-.14831	-.05015	.89166	1.67614	-.00887
.900	-2.163	-3.88395	-117.93710	-.08364	-.02823	-.14883	-.05023	.89414	1.68062	-.00657
.900	-1.192	-3.92722	-105.55070	-.04472	-.01506	-.14983	-.05046	.89542	1.68295	-.00477
.900	-.197	-3.98167	-91.38419	-.00577	-.00194	-.15179	-.05107	.89647	1.68486	-.00369
.900	.789	-4.04253	-77.45616	.03312	.01114	-.15291	-.05142	.89694	1.68571	-.00325
.900	1.806	-4.09838	-64.75342	.07355	.02472	-.15506	-.05212	.89664	1.68517	-.00318
GRADIENT		-.04624	12.41484	.03954	.01337	-.00104	-.00027	.00132	.00239	.00151

RUN NO. 1320/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
1.098	-8.001	-3.93643	-153.80230	-.28462	-.11692	-.14440	-.05932	1.06876	2.05394	-.03576
1.099	-6.974	-3.93075	-150.55380	-.24759	-.10108	-.14256	-.05820	1.07557	2.07086	-.02867
1.100	-5.985	-3.93047	-146.59370	-.21298	-.08649	-.14117	-.05732	1.08185	2.08660	-.02243
1.100	-4.996	-3.93218	-141.60430	-.17741	-.07163	-.14051	-.05673	1.08644	2.09818	-.01667
1.101	-4.007	-3.93479	-135.26900	-.14134	-.05686	-.13858	-.05575	1.09014	2.10757	-.01272
1.101	-3.022	-3.94138	-127.15320	-.10648	-.04269	-.13724	-.05503	1.09279	2.11433	-.00937
1.100	-2.040	-3.95194	-116.90140	-.07146	-.02857	-.13676	-.05468	1.09466	2.11912	-.00664
1.100	-1.036	-3.97021	-104.39540	-.03995	-.01394	-.13650	-.05447	1.09605	2.12267	-.00476
1.100	-.075	-3.99106	-90.50635	-.00103	-.00041	-.13722	-.05471	1.09682	2.12467	-.00389
1.100	.932	-4.01633	-76.30061	.03466	.01381	-.13688	-.05453	1.09748	2.12635	-.00309
1.100	1.936	-4.03897	-63.71753	.07117	.02835	-.13803	-.05498	1.09708	2.12533	-.00322
GRADIENT		-.01593	11.58902	.03579	.01438	-.00031	-.00024	.00150	.00383	.00193

(TCM030) ( 04 OCT 91 )

## PARAMETRIC DATA

BETA = -4.000 PHI = 180.000

RUN NO. 1365/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
1.249	-8.047	-3.85710	-154.07970	-.29454	-.13075	-.14710	-.06530	1.21852	2.46189	-.03791
1.250	-7.037	-3.85368	-150.91140	-.25772	-.11358	-.14330	-.06315	1.22506	2.48135	-.03023
1.250	-6.046	-3.85937	-146.99180	-.22175	-.09710	-.14360	-.06288	1.23062	2.49801	-.02355
1.250	-5.062	-3.86627	-142.08240	-.18645	-.08120	-.14226	-.06195	1.23487	2.51080	-.01805
1.250	-4.083	-3.87827	-135.82710	-.14934	-.06474	-.14041	-.06087	1.23931	2.52421	-.01328
1.250	-3.106	-3.89499	-127.79100	-.11310	-.04889	-.13955	-.06032	1.24127	2.53015	-.01045
1.250	-2.129	-3.92106	-117.57920	-.07756	-.03344	-.13939	-.06010	1.24307	2.53561	-.00804
1.250	-1.148	-3.95524	-105.15270	-.04179	-.01800	-.14002	-.06029	1.24449	2.53993	-.00658
1.250	-.153	-4.00362	-91.02554	-.00491	-.00211	-.14165	-.06090	1.24571	2.54365	-.00505
1.250	.842	-4.05151	-77.09720	.03102	.01333	-.14221	-.06110	1.24588	2.54417	-.00452
1.250	1.853	-4.08848	-64.43430	.06855	.02946	-.14370	-.06174	1.24639	2.54573	-.00440
GRADIENT		-.03710	12.36312	.03665	.01583	-.00063	-.00018	.00119	.00363	.00150

RUN NO. 1376/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
1.400	-8.008	-3.90934	-153.72450	-.32089	-.15008	-.16317	-.07632	1.36593	2.93164	-.03959
1.400	-7.026	-3.87030	-150.83230	-.28367	-.13160	-.15785	-.07323	1.37347	2.95740	-.03106
1.400	-6.038	-3.86956	-146.95200	-.24507	-.11290	-.15728	-.07246	1.37971	2.97882	-.02384
1.400	-5.051	-3.87944	-142.00290	-.20487	-.09390	-.15658	-.07177	1.38383	2.99303	-.01868
1.400	-4.068	-3.88583	-135.74730	-.16450	-.07507	-.15539	-.07092	1.38761	3.00611	-.01429
1.400	-3.089	-3.90153	-127.71120	-.12476	-.05674	-.15520	-.07058	1.39088	3.01744	-.01073
1.400	-2.113	-3.92891	-117.49950	-.08560	-.03881	-.15536	-.07044	1.39380	3.02758	-.00758
1.400	-.134	-3.95858	-105.11250	-.04564	-.02065	-.15591	-.07053	1.39503	3.03190	-.00548
1.400	.856	-4.00335	-90.94566	-.00475	-.00215	-.15786	-.07134	1.39585	3.03475	-.00438
1.400	1.871	-4.04867	-77.01733	.03561	.01608	-.15852	-.07160	1.39611	3.03564	-.00397
GRADIENT		-4.08645	-64.35434	.07743	.03496	-.16031	-.07238	1.39670	3.03770	-.00350
		-.03508	12.36185	.04072	.01851	-.00087	-.00027	.00143	.00499	.00177

RUN NO. 1388/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
1.449	-8.093	-3.76544	-154.43560	-.34151	-.16196	-.16673	-.07908	1.41459	3.10060	-.04028
1.450	-7.082	-3.76724	-151.26800	-.29880	-.14066	-.16359	-.07663	1.42176	3.12606	-.03244
1.450	-6.101	-3.77885	-147.38900	-.25875	-.12098	-.16389	-.07698	1.42779	3.14761	-.02539
1.450	-5.120	-3.78848	-142.51960	-.21687	-.10092	-.16303	-.07587	1.43205	3.16288	-.02058
1.450	-4.148	-3.80178	-136.34400	-.17499	-.08108	-.16160	-.07487	1.43566	3.17586	-.01616
1.450	-3.177	-3.83009	-128.34840	-.13398	-.06183	-.16210	-.07481	1.43932	3.18906	-.01213
1.450	-2.212	-3.86921	-118.21660	-.09367	-.04305	-.16382	-.07530	1.44253	3.20067	-.00813
1.450	-1.242	-3.92733	-105.87010	-.05169	-.02370	-.16527	-.07579	1.44555	3.21157	-.00555
1.450	-.246	-3.99953	-91.74319	-.00851	-.00390	-.16791	-.07689	1.44676	3.21598	-.00416
1.450	.742	-4.06714	-77.81483	.03440	.01574	-.16958	-.07761	1.44660	3.21540	-.00375
1.450	1.764	-4.12902	-65.07208	.07917	.03623	-.17190	-.07867	1.44645	3.21484	-.00375
GRADIENT		-.05764	12.40073	.04301	.01983	-.00181	-.00068	.00185	.00669	.00210

## IA310 (AEDC 16TF-783) FAIRING-OFF DATABASE

(TCM030) (04 OCT 91)

## PARAMETRIC DATA

BETA = -4.000 PHI = 180.000  
 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
1.471	-8.080	-3.78596	-154.35660	-35294	-16692	-17500	-08276	1.44283	3.20175	-0.3634
1.471	-7.070	-3.78521	-151.18870	-31111	-14698	-17226	-08138	1.40350	3.20415	-0.3604
1.471	-6.089	-3.79503	-147.30940	-27012	-12759	-17296	-08170	1.44365	3.20469	-0.3580
1.471	-5.106	-3.80326	-142.43990	-22509	-10490	-17115	-07976	1.45574	3.24869	-0.2194
1.470	-4.134	-3.82127	-136.22500	-18158	-08422	-16936	-07854	1.45942	3.26218	-0.1707
1.471	-3.162	-3.84011	-128.26850	-13897	-06426	-16836	-07785	1.46309	3.27568	-0.1346
1.470	-2.193	-3.88347	-118.09710	-09542	-04399	-16955	-07816	1.46520	3.28340	-0.1091
1.471	-1.225	-3.93071	-105.79000	-05267	-02425	-17018	-07834	1.46647	3.28809	-0.0948
1.470	-.227	-3.99283	-91.62338	-00841	-00387	-17253	-07935	1.46728	3.29107	-0.0846
1.470	.765	-4.06610	-77.69502	.03586	.01647	-17498	-08038	1.46837	3.29513	-0.0725
1.470	1.785	-4.11787	-64.95248	.08180	.03755	-17773	-08160	1.46852	3.29567	-0.0673
GRADIENT		-.05268	12.38849	.04449	.02056	-.00150	-.00056	.00144	.00532	.00166

GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
1.495	-8.080	-3.80059	-154.31740	-36300	-17305	-18131	-08644	1.46523	3.28353	-0.3953
1.495	-7.064	-3.79723	-151.14910	-32013	-15152	-17882	-08464	1.47174	3.30755	-0.3215
1.496	-6.080	-3.81015	-147.23020	-28051	-13187	-18154	-08534	1.47785	3.33023	-0.2526
1.495	-5.097	-3.81632	-142.36050	-23682	-11070	-18304	-08556	1.48239	3.34713	-0.1939
1.495	-4.121	-3.82872	-136.14510	-19118	-08902	-18219	-08483	1.48605	3.36082	-0.1540
1.495	-3.152	-3.85570	-128.14940	-14534	-06745	-18171	-08433	1.48885	3.37130	-0.1208
1.495	-2.183	-3.88925	-118.01730	-10107	-04678	-18228	-08437	1.49171	3.38203	-0.0938
1.496	-1.209	-3.93617	-105.63080	-05594	-02584	-18386	-08493	1.49369	3.38947	-0.0722
1.496	-.214	-3.99923	-91.50385	-00917	-00423	-18512	-08542	1.49465	3.39311	-0.0602
1.496	.780	-4.06374	-77.53581	.03805	.01755	-18679	-08612	1.49563	3.39678	-0.0519
1.495	1.800	-4.11757	-64.83281	.08619	.03972	-18784	-08656	1.49560	3.39669	-0.0479
GRADIENT		-.05052	12.38791	.04677	.02170	-.00109	-.00036	.00163	.00613	.00177

GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
1.517	-8.074	-3.80132	-154.27730	-40408	-19352	-19784	-09474	1.48663	3.36299	-0.4086
1.521	-7.062	-3.80034	-151.10940	-37957	-18174	-20899	-10007	1.49184	3.38254	-0.3961
1.520	-6.081	-3.80878	-147.23010	-32926	-15754	-20903	-10001	1.49087	3.37889	-0.3923
1.518	-5.103	-3.81869	-142.36070	-27729	-13257	-20664	-09879	1.49008	3.37592	-0.3914
1.519	-4.122	-3.82800	-136.14510	-22622	-10563	-20851	-09736	1.51178	3.45797	-0.1486
1.529	-3.154	-3.85533	-128.14940	-17289	-08189	-20867	-09884	1.51144	3.45668	-0.1532
1.519	-2.182	-3.89088	-117.97770	-12177	-05689	-21125	-09869	1.51111	3.45544	-0.1548
1.518	-1.207	-3.93225	-105.59100	-06777	-03166	-21189	-09900	1.51061	3.45353	-0.1576
1.518	-.213	-4.00012	-91.46417	-01302	-00608	-21242	-09925	1.51049	3.45308	-0.1578
1.518	.779	-4.06468	-77.53580	.04133	.01931	-21840	-10205	1.51057	3.45340	-0.1586
1.519	1.799	-4.11857	-64.83276	.09834	.04594	-22301	-10419	1.51101	3.45505	-0.1571
GRADIENT		-.05076	12.38636	.05475	.02565	-.00233	-.00100	.00017	-.00064	-.00014

IA310 (AEDC 16TF-783) FAIRING-OFF DATABASE (TCM030) ( 04 OCT 91 )

PARAMETRIC DATA

BETA = -4.000 PHI = 180.000

RUN NO. 1410/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
1.543	-8.078	-3.79860	-154.31710	-4.1900	-19923	-20102	-09558	1.52410	3.50517	-02861
1.543	-7.069	-3.80553	-151.11000	-35027	-16616	-19457	-09230	1.52606	3.51272	-02625
1.543	-5.101	-3.81837	-142.36070	-24810	-11726	-18821	-08896	1.52928	3.52512	-02267
GRADIENT		.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA310 (AEDC 16TF-783) FAIRING-OFF DATABASE

(TCM031) ( 04 OCT 91 )

PARAMETRIC DATA

BETA = -4.000 PHI = 180.000

RUN NO. 1423/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
1.517	-8.074	-3.80024	-154.27720	-40010	-19230	-19574	-09408	1.48415	3.35372	-04653
1.517	-7.066	-3.80216	-151.10960	-36545	-17540	-19937	-09568	1.48504	3.35703	-04501
1.516	-6.081	-3.80794	-147.23000	-32099	-15416	-20261	-09731	1.48319	3.35013	-04666
1.516	-5.103	-3.81812	-142.36070	-27315	-13115	-20351	-09772	1.48354	3.35144	-04643
1.517	-4.124	-3.83379	-136.10570	-22266	-10687	-20431	-09806	1.48433	3.35439	-04606
1.517	-3.155	-3.85451	-128.14940	-17008	-08162	-20628	-09899	1.48454	3.35519	-04594
1.516	-2.182	-3.89069	-117.97760	-11866	-05695	-21007	-10082	1.48423	3.35402	-04621
1.516	-1.210	-3.93659	-105.63090	-06558	-03148	-21468	-10305	1.48377	3.35228	-04657
1.517	-.211	-4.00009	-91.46417	-01011	-00475	-21781	-10229	1.50487	3.43170	-02375
1.516	.780	-4.05926	-77.53587	.04550	.02136	-21939	-10299	1.50364	3.42707	-02368
1.516	1.798	-4.11342	-64.83293	.09909	.04653	-21627	-10154	1.50302	3.42472	-02402
GRADIENT		-.04923	12.37846	.05451	.02602	-.00252	-.00072	.00417	.01569	.00483

RUN NO. 1411/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
1.542	-8.071	-3.80191	-154.27740	-41451	-19707	-20084	-09549	1.52347	3.50276	-02918
1.543	-7.065	-3.80262	-151.10970	-34907	-16552	-19395	-09197	1.52606	3.51270	-02651
1.542	-6.079	-3.80855	-147.23000	-29966	-14193	-19091	-09042	1.52676	3.51541	-02555
1.542	-5.097	-3.81517	-142.36040	-24799	-11718	-18937	-08948	1.52822	3.52106	-02320
1.543	-4.125	-3.83137	-136.14530	-19432	-09180	-18646	-08809	1.52949	3.52593	-02286
1.542	-3.153	-3.85461	-128.14940	-14365	-06782	-18310	-08645	1.52989	3.52749	-02224
1.542	-2.182	-3.88421	-118.01710	-09612	-04534	-17774	-08384	1.53050	3.52986	-02135
1.542	-1.210	-3.93594	-105.63080	-05134	-02420	-17109	-08066	1.53120	3.53255	-02064
1.542	-.213	-3.99905	-91.50385	-.00807	-.00380	-16985	-08003	1.53160	3.53410	-02008
1.543	.781	-4.06325	-77.53583	.03636	.01713	-17578	-08282	1.53184	3.53503	-02002
1.543	1.797	-4.11890	-64.87250	.08691	.04094	-18480	-08704	1.53259	3.53792	-01964
GRADIENT		-.05058	12.37958	.04679	.02208	-.00097	-.00050	.00052	.00200	.00056

IA310 (AEDC 16TF-783) FAIRING-OFF DATABASE (TCM032) ( 04 OCT 91 )

## PARAMETRIC DATA

BETA = -3.000 PHI = 180.000

RUN NO. 1352/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
.599	-8.031	-2.79357	-160.07840	-.34159	-.06895	-.12698	-.02563	.56949	1.24603	-.02320
.600	-7.070	-2.74075	-157.94740	-.30096	-.06048	-.12170	-.02446	.57593	1.25209	-.01834
.600	-6.088	-2.74655	-154.70960	-.25907	-.05192	-.12077	-.02420	.58214	1.25801	-.01402
.600	-5.106	-2.75394	-150.48110	-.21613	-.04312	-.11903	-.02375	.58734	1.26302	-.00984
.601	-4.134	-2.76446	-144.82690	-.17440	-.03480	-.11848	-.02364	.59105	1.26665	-.00770
.601	-3.169	-2.78715	-136.99520	-.13326	-.02652	-.11845	-.02357	.59404	1.26959	-.00525
.601	-2.214	-2.82661	-126.07700	-.09171	-.01822	-.11887	-.02362	.59613	1.27165	-.00364
.601	-1.261	-2.88467	-111.28230	-.05059	-.01004	-.11990	-.02381	.59802	1.27353	-.00237
.601	-.285	-2.98352	-92.88884	-.00954	-.00189	-.12309	-.02443	.59849	1.27400	-.00200
.600	.713	-3.08505	-74.41705	.03226	.00639	-.12656	-.02506	.59881	1.27432	-.00121
.601	1.751	-3.16663	-58.67409	.07711	.01529	-.12970	-.02572	.59891	1.27442	-.00153
GRADIENT		-.07180	15.25764	.04270	.00850	-.00199	-.00037	.00129	.00128	.00103

RUN NO. 1342/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
.799	-8.047	-2.86094	-159.96150	-.32783	-.09924	-.12371	-.03745	.76817	1.47764	-.03096
.800	-7.036	-2.81585	-157.63110	-.28647	-.08621	-.11996	-.03610	.77516	1.48765	-.02436
.800	-6.046	-2.81720	-154.35300	-.24684	-.07392	-.11745	-.03517	.78188	1.49739	-.01838
.800	-5.059	-2.82375	-150.04480	-.20584	-.06129	-.11629	-.03463	.78633	1.50392	-.01344
.800	-4.081	-2.83092	-144.31090	-.16524	-.04905	-.11524	-.03420	.79051	1.51011	-.00964
.800	-3.109	-2.84635	-136.39950	-.12561	-.03719	-.11533	-.03414	.79359	1.51470	-.00676
.800	-2.144	-2.86982	-125.40150	-.08581	-.02533	-.11486	-.03390	.79551	1.51758	-.00439
.800	-1.182	-2.91763	-110.44810	-.04568	-.01347	-.11571	-.03411	.79699	1.51979	-.00306
.800	-.200	-2.98914	-92.01471	-.00584	-.00172	-.11814	-.03479	.79790	1.52117	-.00203
.800	.797	-3.06922	-73.58255	.03360	.00990	-.12019	-.03540	.79849	1.52205	-.00178
.800	1.824	-3.12707	-57.99852	.07613	.02241	-.12267	-.03611	.79811	1.52149	-.00175
GRADIENT		-.05301	15.22813	.04086	.01209	-.00129	-.00033	.00127	.00190	.00130

RUN NO. 1330/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
.900	-8.078	-2.84556	-160.08070	-.31395	-.10863	-.11788	-.04079	.86986	1.63757	-.03246
.900	-7.025	-2.79742	-157.66980	-.27363	-.09401	-.11301	-.03883	.87636	1.64889	-.02527
.899	-6.037	-2.79972	-154.39180	-.23555	-.08044	-.11215	-.03830	.88173	1.65837	-.01927
.900	-5.053	-2.80749	-150.08390	-.19647	-.06677	-.11076	-.03764	.88696	1.66769	-.01394
.900	-4.082	-2.81916	-144.35040	-.15757	-.05338	-.10972	-.03717	.89078	1.67454	-.01024
.900	-3.110	-2.83347	-136.43900	-.11995	-.04051	-.10953	-.03699	.89376	1.67992	-.00706
.900	-2.146	-2.85580	-125.44110	-.08137	-.02741	-.10960	-.03692	.89598	1.68397	-.00455
.900	-1.188	-2.90270	-110.52750	-.04381	-.01474	-.11003	-.03701	.89746	1.68665	-.00303
.900	-.208	-2.98169	-92.05467	-.00541	-.00182	-.11238	-.03777	.89800	1.68764	-.00230
.900	.783	-3.06109	-73.66231	.03217	.01080	-.11467	-.03850	.89834	1.68826	-.00170
.899	1.810	-3.12306	-58.03871	.07259	.02434	-.11723	-.03931	.89772	1.68713	-.00144
GRADIENT		-.05457	15.26038	.03907	.01319	-.00130	-.00038	.00116	.00211	.00143

IA310 (AEDC 16TF-783) FAIRING-OFF DATABASE

(TCM032) ( 04 OCT 91 )

PARAMETRIC DATA

BETA = -3.000 PHI = 180.000

RUN NO. 1321/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
1.099	-8.036	-2.97406	-159.64690	-.28284	-.11605	-.11068	-.04541	1.07165	2.06110	-.03372
1.100	-6.965	-2.93018	-157.07640	-.24570	-.10012	-.10619	-.04327	1.07895	2.07932	-.02600
1.100	-5.978	-2.92977	-153.71840	-.21119	-.08555	-.10512	-.04258	1.08408	2.09220	-.01987
1.101	-4.983	-2.92963	-149.29040	-.17549	-.07073	-.10418	-.04199	1.08865	2.10379	-.01449
1.100	-3.997	-2.93475	-143.39750	-.14002	-.05618	-.10287	-.04128	1.09177	2.11173	-.01028
1.100	-3.011	-2.93239	-135.36640	-.10548	-.04218	-.10200	-.04078	1.09426	2.11810	-.00691
1.100	-2.033	-2.94172	-124.16980	-.06993	-.02790	-.10098	-.04029	1.09635	2.12347	-.00457
1.100	-1.052	-2.95445	-109.05750	-.03461	-.01378	-.10054	-.04005	1.09760	2.12666	-.00297
1.099	-.054	-2.98790	-90.58440	-.00012	-.00005	-.10105	-.04020	1.09771	2.12694	-.00209
1.100	.925	-3.02227	-72.43008	.03315	.01318	-.10158	-.04039	1.09862	2.12929	-.00145
1.100	1.921	-3.05772	-57.04480	.06928	.02755	-.10278	-.04087	1.09856	2.12913	-.00142
GRADIENT		-.01829	13.89322	.03540	.01419	-.00024	.00017	.00139	.00356	.00183

RUN NO. 1366/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
1.250	-8.037	-2.84773	-160.11760	-.29138	-.12906	-.10790	-.04779	1.22140	2.47045	-.03527
1.250	-7.016	-2.85175	-157.43320	-.25548	-.11232	-.10641	-.04678	1.22685	2.48670	-.02784
1.250	-6.028	-2.85129	-154.15500	-.21994	-.09602	-.10623	-.04638	1.23276	2.50441	-.02063
1.250	-5.043	-2.85568	-149.84670	-.18354	-.07969	-.10471	-.04546	1.23744	2.51853	-.01495
1.250	-4.065	-2.86616	-144.03340	-.14690	-.06359	-.10299	-.04458	1.23983	2.52577	-.01204
1.250	-3.086	-2.87334	-136.12160	-.11160	-.04817	-.10240	-.04419	1.24308	2.53565	-.00874
1.250	-2.115	-2.89434	-125.04420	-.07612	-.03275	-.10215	-.04394	1.24521	2.54212	-.00569
1.250	-1.149	-2.93569	-110.05100	-.04069	-.01748	-.10241	-.04399	1.24675	2.54682	-.00410
1.250	-.160	-2.99506	-91.57785	-.00481	-.00207	-.10444	-.04482	1.24719	2.54818	-.00319
1.250	.833	-3.06512	-73.22490	.03038	.01303	-.10592	-.04543	1.24780	2.55004	-.00257
1.250	1.859	-3.11563	-57.68053	.06739	.02890	-.10827	-.04644	1.24788	2.55026	-.00265
GRADIENT		-.04479	15.18610	.03621	.01562	-.00092	-.00033	.00129	.00392	.00156

RUN NO. 1377/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
1.400	-8.024	-2.86419	-160.03860	-.31969	-.14915	-.11848	-.05528	1.36830	2.93972	-.03697
1.400	-7.012	-2.85872	-157.43310	-.28143	-.13021	-.11668	-.05398	1.37610	2.96642	-.02819
1.400	-6.022	-2.86229	-154.11530	-.24267	-.11153	-.11562	-.05313	1.38193	2.98645	-.02132
1.400	-5.035	-2.86913	-149.76740	-.20176	-.09227	-.11530	-.05273	1.38632	3.00161	-.01630
1.400	-4.052	-2.87465	-143.99360	-.16271	-.07410	-.11454	-.05216	1.38990	3.01402	-.01202
1.400	-3.074	-2.88562	-136.04230	-.12296	-.05576	-.11432	-.05184	1.39288	3.02441	-.00794
1.400	-2.101	-2.90435	-124.92500	-.08376	-.03789	-.11352	-.05135	1.39488	3.03135	-.00549
1.400	-1.133	-2.93580	-109.93160	-.04407	-.01990	-.11360	-.05132	1.39640	3.03666	-.00397
1.400	-.146	-2.99563	-91.45856	-.00460	-.00208	-.11575	-.05224	1.39755	3.04066	-.00307
1.400	.846	-3.05551	-73.10570	.03464	.01562	-.11747	-.05298	1.39740	3.04017	-.00250
1.400	1.876	-3.10554	-57.52173	.07605	.03429	-.12045	-.05413	1.39768	3.04113	-.00213
GRADIENT		-.04081	15.19429	.04027	.01827	-.00096	-.00035	.00127	.00442	.00155



IA310 (AEDC 16TF-783) FAIRING-OFF DATABASE (TCM032) ( 04 OCT 91 )

## PARAMETRIC DATA

BETA = -3.000 PHI = 180.000

RUN NO. 1389/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
1.450	-8.066	-2.75756	-160.43320	-.33789	-.15982	-.12215	-.05778	1.41771	3.11165	-.03731
1.451	-7.052	-2.75815	-157.82840	-.29611	-.13906	-.12114	-.05689	1.42458	3.13614	-.02983
1.450	-6.070	-2.76092	-154.59040	-.25679	-.11975	-.11900	-.05549	1.43008	3.15581	-.02275
1.450	-5.086	-2.76825	-150.32220	-.21337	-.09908	-.11916	-.05534	1.43416	3.17045	-.01838
1.450	-4.118	-2.78078	-144.62840	-.17309	-.08000	-.11919	-.05509	1.43804	3.18443	-.01365
1.449	-3.146	-2.80053	-136.75700	-.13361	-.06143	-.11919	-.05480	1.44192	3.19843	-.00846
1.450	-2.194	-2.83566	-125.83870	-.09210	-.04224	-.11871	-.05444	1.44502	3.20965	-.00571
1.450	-1.241	-2.89913	-110.96500	-.05051	-.02314	-.11957	-.05479	1.44561	3.21181	-.00492
1.450	-.259	-2.98959	-92.53172	-.00842	-.00385	-.12262	-.05615	1.44596	3.21309	-.00432
1.450	.741	-3.08392	-74.09941	.03338	.01527	-.12591	-.05760	1.44692	3.21658	-.00332
1.450	1.777	-3.16491	-58.43565	.07771	.03551	-.13011	-.05945	1.44831	3.22162	-.00204
GRADIENT		-.06896	15.24699	.04272	.01965	-.00184	-.00075	.00152	.00551	.00169

RUN NO. 1434/ O RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
1.470	-8.056	-2.77818	-160.35430	-.35015	-.16596	-.12885	-.06107	1.44028	3.19252	-.03912
1.471	-7.049	-2.77384	-157.78890	-.30964	-.14548	-.12664	-.05950	1.44859	3.22264	-.02993
1.471	-6.062	-2.78458	-154.47180	-.26715	-.12470	-.12540	-.05853	1.45467	3.24478	-.02311
1.471	-5.079	-2.78690	-150.24300	-.22319	-.10371	-.12379	-.05752	1.45815	3.25752	-.01871
1.471	-4.102	-2.79928	-144.50940	-.17977	-.08320	-.12334	-.05709	1.46211	3.27206	-.01468
1.470	-3.136	-2.81642	-136.67760	-.13686	-.06312	-.12242	-.05646	1.46482	3.28203	-.01142
1.470	-2.174	-2.84847	-125.67980	-.09387	-.04321	-.12298	-.05661	1.46632	3.28754	-.00971
1.470	-1.219	-2.90617	-110.80590	-.05191	-.02385	-.12471	-.05730	1.46773	3.29274	-.00780
1.471	-.238	-2.98934	-92.37259	-.00847	-.00389	-.12822	-.05886	1.46902	3.29752	-.00635
1.471	.757	-3.07866	-73.98003	.03510	.01611	-.13182	-.06049	1.46973	3.30012	-.00590
1.471	1.796	-3.15174	-58.27673	.08090	.03713	-.13466	-.06181	1.46978	3.30031	-.00605
GRADIENT		-.06296	15.23836	.04418	.02038	-.00212	-.00090	.00129	.00476	.00146

RUN NO. 1401/ O RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
1.496	-8.059	-2.78754	-160.35450	-.36055	-.17104	-.13343	-.06330	1.46982	3.30046	-.03441
1.496	-7.038	-2.78898	-157.70980	-.31918	-.15135	-.13276	-.06295	1.47039	3.30258	-.03376
1.495	-6.053	-2.79408	-154.43200	-.27955	-.13257	-.13272	-.06294	1.47002	3.30120	-.03386
1.496	-5.073	-2.80035	-150.16380	-.23445	-.10940	-.13188	-.06154	1.48483	3.35626	-.01725
1.495	-4.096	-2.80962	-144.42990	-.18953	-.08807	-.13223	-.06144	1.48793	3.36787	-.01317
1.495	-3.128	-2.82691	-136.55840	-.14598	-.06758	-.13110	-.06069	1.49146	3.38108	-.00937
1.495	-2.164	-2.85680	-125.56060	-.10090	-.04661	-.13147	-.06073	1.49325	3.38781	-.00731
1.495	-1.205	-2.91296	-110.60740	-.05630	-.02597	-.13302	-.06136	1.49457	3.39278	-.00605
1.496	-.224	-2.99110	-92.21365	-.00988	-.00456	-.13676	-.06306	1.49553	3.39639	-.00528
1.495	.773	-3.08068	-73.82103	.03638	.01676	-.14004	-.06452	1.49577	3.39733	-.00463
1.496	1.807	-3.14584	-58.15747	.08528	.03930	-.14290	-.06585	1.49596	3.39803	-.00463
GRADIENT		-.06024	15.22785	.04664	.02160	-.00202	-.00085	.00127	.00477	.00135

(TCMO32) ( 04 OCT 91 )

IA310 (AEDC 16TF-783) FAIRING-OFF DATABASE

PARAMETRIC DATA

BETA = -3.000 PHI = 180.000

RUN NO. 1424/ O RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
1.515	-8.053	-2.78820	-160.31450	-.39737	-.19041	-.14444	-.06921	1.48447	3.35489	-.04536
1.516	-7.041	-2.79338	-157.67030	-.36357	-.17429	-.14653	-.07024	1.48534	3.35814	-.04533
1.516	-6.059	-2.79402	-154.43200	-.32146	-.15406	-.14844	-.07114	1.48494	3.35665	-.04539
1.516	-5.074	-2.79894	-150.16360	-.27236	-.13050	-.14840	-.07111	1.48464	3.35554	-.04523
1.516	-4.101	-2.81171	-144.43010	-.22016	-.10549	-.14906	-.07143	1.48519	3.35761	-.04518
1.516	-3.123	-2.82532	-136.51860	-.17317	-.08298	-.15568	-.07460	1.48556	3.35898	-.04516
1.516	-2.166	-2.85631	-125.56060	-.12127	-.05813	-.15916	-.07629	1.48521	3.35768	-.04548
1.515	-1.207	-2.91295	-110.60740	-.06691	-.03208	-.15916	-.07630	1.48310	3.34980	-.04587
1.515	-.224	-2.99173	-92.17403	-.01215	-.00582	-.16165	-.07749	1.48367	3.35192	-.04566
1.516	.773	-3.08136	-73.78139	.04241	.02034	-.16457	-.07891	1.48407	3.35341	-.04568
1.515	1.808	-3.14691	-58.11777	.10112	.04849	-.16911	-.08110	1.48374	3.35216	-.04584
GRADIENT		-.06030	15.22640	.05478	.02625	-.00293	-.00141	-.00032	-.00120	-.00012

RUN NO. 1412/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
1.543	-8.056	-2.79076	-160.31480	-.40478	-.19218	-.14612	-.06938	1.52492	3.50834	-.02810
1.542	-7.042	-2.78963	-157.70980	-.34457	-.16329	-.14175	-.06718	1.52647	3.51428	-.02647
1.542	-6.057	-2.79471	-154.43210	-.29662	-.14030	-.13905	-.06577	1.52780	3.51944	-.02442
1.543	-5.077	-2.80175	-150.16390	-.24409	-.11534	-.13700	-.06474	1.52927	3.52508	-.02329
1.542	-4.095	-2.80961	-144.42990	-.19053	-.08998	-.13561	-.06405	1.52950	3.52600	-.02281
1.543	-3.126	-2.82850	-136.51880	-.13629	-.06430	-.12795	-.06037	1.53060	3.53024	-.02167
1.542	-2.163	-2.85796	-125.52100	-.08732	-.04116	-.11788	-.05556	1.53142	3.53341	-.02067
1.542	-1.207	-2.91223	-110.64700	-.04620	-.02177	-.11343	-.05344	1.53172	3.53455	-.02011
1.542	-.222	-2.99674	-92.17404	-.00763	-.00360	-.11405	-.05372	1.53173	3.53458	-.01996
1.543	.773	-3.08093	-73.82103	.02999	.01413	-.11783	-.05549	1.53236	3.53705	-.01971
1.543	1.807	-3.14641	-58.15746	.07456	.03509	-.12508	-.05887	1.53214	3.53619	-.01952
GRADIENT		-.06038	15.22831	.04397	.02074	-.00199	-.00097	.00043	.00165	.00053

IA310 (AEDC 16TF-783) FAIRING-OFF DATABASE (TCM033) ( 04 OCT 91 )

PARAMETRIC DATA

BETA = -2.000 PHI = 180.000

RUN NO. 1353/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
.600	-8.033	-1.73405	-166.98950	-.33946	-.06848	-.07838	-.01581	.57092	1.24737	-.02221
.599	-7.035	-1.72997	-165.22590	-.29860	-.05980	-.07707	-.01544	.57720	1.25329	-.01677
.600	-6.043	-1.73398	-162.86790	-.25553	-.05114	-.07564	-.01514	.58390	1.25970	-.01265
.600	-5.061	-1.73790	-159.71670	-.21242	-.04237	-.07470	-.01490	.58841	1.26407	-.00918
.600	-4.086	-1.74558	-155.25740	-.17202	-.03416	-.07414	-.01472	.59188	1.26746	-.00606
.600	-3.118	-1.75553	-148.61860	-.12972	-.02574	-.07468	-.01482	.59506	1.27060	-.00397
.600	-2.166	-1.77584	-138.09890	-.08852	-.01755	-.07395	-.01466	.59715	1.27267	-.00253
.600	-1.241	-1.83890	-120.73320	-.04914	-.00972	-.07573	-.01498	.59832	1.27383	-.00131
.600	-.298	-1.97031	-94.74568	-.01016	-.00201	-.08002	-.01584	.59945	1.27496	-.00074
.600	.705	-2.12362	-67.89102	.03065	.00606	-.08593	-.01699	.59964	1.27515	-.00040
.600	1.775	-2.21856	-48.19719	.07578	.01500	-.08937	-.01769	.59976	1.27526	-.00058
GRADIENT		-.08701	19.44116	.04215	.00836	-.00275	-.00054	.00129	.00128	.00093

RUN NO. 1343/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
.800	-8.015	-1.85912	-166.39960	-.32352	-.09786	-.08080	-.02444	.77047	1.48092	-.02928
.799	-7.008	-1.81127	-164.87070	-.28402	-.08531	-.07738	-.02324	.77651	1.48960	-.02279
.800	-6.016	-1.80848	-162.51190	-.24357	-.07281	-.07679	-.02296	.78324	1.49939	-.01684
.800	-5.030	-1.81268	-159.28110	-.20291	-.06032	-.07431	-.02209	.78805	1.50647	-.01174
.800	-4.045	-1.81517	-154.74200	-.16283	-.04828	-.07363	-.02183	.79209	1.51247	-.00825
.801	-3.070	-1.82281	-147.94440	-.12281	-.03629	-.07331	-.02166	.79484	1.51657	-.00523
.800	-2.112	-1.83817	-137.22640	-.08294	-.02448	-.07330	-.02163	.79732	1.52030	-.00324
.800	-1.170	-1.88565	-119.58330	-.04463	-.01314	-.07406	-.02180	.79776	1.52096	-.00197
.800	-.214	-1.97501	-93.47685	-.00649	-.00191	-.07764	-.02285	.79882	1.52256	-.00133
.800	.787	-2.10029	-66.74098	.03285	.00966	-.08124	-.02388	.79886	1.52262	-.00073
.800	1.842	-2.16774	-47.32483	.07468	.02198	-.08373	-.02464	.79931	1.52330	-.00096
GRADIENT		-.06434	19.39998	.04034	.01192	-.00186	-.00052	.00114	.00171	.00120

RUN NO. 1331/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
.900	-8.041	-1.84607	-166.47900	-.31029	-.10719	-.07699	-.02660	.87167	1.64072	-.03067
.900	-6.998	-1.79600	-164.90970	-.27090	-.09294	-.07365	-.02527	.87758	1.65104	-.02390
.899	-6.007	-1.79807	-162.51160	-.23270	-.07933	-.07246	-.02470	.88313	1.66085	-.01768
.900	-5.020	-1.79685	-159.32020	-.19328	-.06560	-.07149	-.02426	.88841	1.67028	-.01250
.900	-4.043	-1.80287	-154.78150	-.15524	-.05250	-.07044	-.02382	.89203	1.67681	-.00872
.900	-3.068	-1.80678	-148.02340	-.11698	-.03943	-.06970	-.02349	.89514	1.68243	-.00541
.900	-2.108	-1.82257	-137.26590	-.07879	-.02650	-.06976	-.02346	.89700	1.68581	-.00316
.900	-1.172	-1.86697	-119.70200	-.04234	-.01423	-.07020	-.02359	.89843	1.68844	-.00203
.900	-.223	-1.96410	-93.55626	-.00611	-.00205	-.07376	-.02474	.89866	1.68886	-.00094
.900	.775	-2.09547	-66.82053	.03130	.01050	-.07713	-.02588	.89921	1.68986	-.00090
.900	1.830	-2.16818	-47.36478	.07159	.02401	-.07996	-.02682	.89921	1.68985	-.00070
GRADIENT		-.06695	19.45379	.03860	.01301	-.00175	-.00056	.00115	.00209	.00129

(TCM033) ( 04 OCT 91 )

IA310 (AEDC 16TF-783) FAIRING-OFF DATABASE

PARAMETRIC DATA

BETA = -2.000 PHI = 180.000

RUN NO. 1322/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
1.099	-8.010	-1.98619	-165.96690	-.28003	-.11470	-.07436	-.03046	1.07318	2.06490	-.03189
1.100	-6.958	-1.92474	-164.35620	-.24393	-.09324	-.07025	-.02858	1.07997	2.08186	-.02444
1.100	-5.968	-1.92856	-161.83870	-.20912	-.08455	-.07008	-.02833	1.08545	2.09569	-.01797
1.101	-4.969	-1.92999	-158.44850	-.17352	-.06981	-.06892	-.02773	1.09004	2.10734	-.01273
1.100	-3.981	-1.92893	-153.75040	-.13879	-.05561	-.06705	-.02686	1.09320	2.11539	-.00871
1.100	-2.981	-1.94097	-146.71520	-.10273	-.04104	-.06721	-.02685	1.09554	2.12136	-.00571
1.100	-2.024	-1.91594	-135.99630	-.06791	-.02706	-.06531	-.02602	1.09742	2.12621	-.00323
1.100	-1.048	-1.93512	-117.95690	-.03414	-.01358	-.06502	-.02587	1.09844	2.12883	-.00186
1.100	-.086	-1.97574	-91.65268	-.00129	-.00051	-.06630	-.02635	1.09870	2.12951	-.00111
1.100	.902	-2.03822	-65.15492	.03244	.01289	-.06702	-.02663	1.09927	2.13096	-.00066
1.100	1.929	-2.07813	-46.05624	.06796	.02700	-.06828	-.02713	1.09905	2.13039	-.00072
GRADIENT		-.02077	17.15729	.03502	.01403	.00009	.00008	.00126	.00323	.00169

RUN NO. 1367/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
1.249	-8.019	-1.83968	-166.63510	-.28870	-.12761	-.07013	-.03100	1.22174	2.47147	-.03357
1.250	-6.997	-1.84489	-164.71260	-.25325	-.11116	-.06983	-.03065	1.22905	2.49329	-.02590
1.250	-6.005	-1.84461	-162.31430	-.21749	-.09477	-.06974	-.03039	1.23460	2.50997	-.01863
1.250	-5.012	-1.84456	-159.04330	-.18044	-.07829	-.06753	-.02930	1.23874	2.52246	-.01404
1.250	-4.030	-1.84656	-154.46450	-.14500	-.06269	-.06608	-.02857	1.24131	2.53028	-.01058
1.250	-3.054	-1.85378	-147.62720	-.10893	-.04692	-.06574	-.02832	1.24447	2.53987	-.00679
1.250	-2.087	-1.86963	-136.75070	-.07355	-.03159	-.06544	-.02811	1.24615	2.54501	-.00431
1.250	-1.140	-1.90281	-119.10740	-.03945	-.01692	-.06636	-.02846	1.24731	2.54855	-.00265
1.250	-.178	-1.98651	-92.92181	-.00523	-.00224	-.06905	-.02959	1.24814	2.55106	-.00184
1.250	.822	-2.09170	-66.26512	.03003	.01287	-.07188	-.03080	1.24844	2.55199	-.00162
1.250	1.875	-2.15027	-46.92819	.06701	.02870	-.07359	-.03152	1.24831	2.55159	-.00145
GRADIENT		-.05509	19.35251	.03588	.01545	-.00141	-.00056	.00112	.00342	.00146

RUN NO. 1378/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
1.400	-8.013	-1.85800	-166.55640	-.31775	-.14798	-.07622	-.03550	1.36997	2.94541	-.03508
1.400	-6.993	-1.85777	-164.67320	-.27938	-.12902	-.07552	-.03488	1.37712	2.96989	-.02642
1.400	-6.001	-1.85652	-162.27470	-.23957	-.10993	-.07519	-.03450	1.38314	2.99065	-.01976
1.400	-5.010	-1.86262	-158.96450	-.19937	-.09103	-.07451	-.03402	1.38753	3.00581	-.01463
1.400	-4.026	-1.86514	-154.38560	-.16078	-.07308	-.07420	-.03373	1.39147	3.01948	-.01018
1.400	-3.042	-1.86254	-147.54780	-.11992	-.05430	-.07321	-.03315	1.39465	3.03054	-.00633
1.400	-2.080	-1.87774	-136.67130	-.08050	-.03639	-.07256	-.03280	1.39592	3.03497	-.00470
1.400	-1.127	-1.91072	-118.90910	-.04256	-.01922	-.07352	-.03319	1.39733	3.03990	-.00338
1.400	-.162	-1.98862	-92.64429	-.00462	-.00209	-.07646	-.03449	1.39778	3.04149	-.00249
1.400	.834	-2.08201	-66.06689	.03433	.01548	-.07966	-.03591	1.39798	3.04217	-.00208
1.400	1.888	-2.13834	-46.73003	.07492	.03377	-.08184	-.03689	1.39815	3.04276	-.00189
GRADIENT		-.05008	19.35183	.03981	.01803	-.00145	-.00061	.00104	.00362	.00129

IA310 (AEDC 16TF-783) FAIRING-OFF DATABASE (TCM033) ( 04 OCT 91 )

## PARAMETRIC DATA

BETA = -2.000 PHI = 180.000

MACH	ALPHA	BETA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
1.449	-8.038	-1.74815	-166.95020	.33442	-.15795	-.07747	-.03659	1.41824	3.11355	-.03600
1.450	-7.021	-1.74933	-165.10720	-.29380	-.13772	-.07755	-.03635	1.42541	3.13908	-.02812
1.450	-6.034	-1.74855	-162.78870	-.25319	-.11795	-.07640	-.03559	1.43065	3.15783	-.02174
1.450	-5.045	-1.75090	-159.59760	-.21116	-.09786	-.07601	-.03523	1.43508	3.17375	-.01653
1.450	-4.069	-1.75795	-155.09850	-.17219	-.07934	-.07496	-.03454	1.44074	3.19417	-.01051
1.450	-3.100	-1.76759	-148.42020	-.12971	-.05956	-.07452	-.03422	1.44392	3.20569	-.00695
1.451	-2.149	-1.79113	-137.78170	-.08812	-.04041	-.07438	-.03411	1.44591	3.21289	-.00564
1.449	-1.218	-1.84899	-120.29710	-.04860	-.02226	-.07635	-.03497	1.44550	3.21141	-.00452
1.450	-.273	-1.97296	-94.27011	-.00887	-.00406	-.08102	-.03706	1.44703	3.21697	-.00322
1.450	.733	-2.12754	-67.49452	.03286	.01503	-.08601	-.03935	1.44738	3.21823	-.00333
1.449	1.801	-2.21502	-47.91945	.07684	.03514	-.08884	-.04063	1.44657	3.21529	-.00306
GRADIENT		-.08401	19.43625	.04240	.01948	-.00254	-.00116	.00093	.00338	.00117

RUN NO. 1390/ O RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
1.471	-8.037	-1.76521	-166.91100	-.34828	-.16479	-.08269	-.03913	1.44288	3.20189	-.03683
1.471	-7.015	-1.76376	-165.06770	-.30759	-.14423	-.08134	-.03814	1.45075	3.23050	-.02753
1.471	-6.025	-1.77054	-162.67000	-.26368	-.12297	-.08138	-.03795	1.45572	3.24862	-.02204
1.471	-5.040	-1.77381	-159.47900	-.22017	-.10220	-.08002	-.03715	1.45966	3.26307	-.01732
1.471	-4.062	-1.78102	-154.98000	-.17767	-.08214	-.07782	-.03597	1.46371	3.27795	-.01319
1.471	-3.093	-1.78677	-148.30140	-.13437	-.06198	-.07655	-.03531	1.46511	3.28307	-.01089
1.471	-2.138	-1.81062	-137.58350	-.09156	-.04212	-.07695	-.03540	1.46810	3.29411	-.00799
1.471	-1.202	-1.85726	-120.13840	-.05033	-.02314	-.07903	-.03634	1.46833	3.29495	-.00764
1.471	-.253	-1.97335	-94.03210	-.00913	-.00420	-.08393	-.03858	1.46857	3.29585	-.00724
1.471	.750	-2.11366	-67.25661	.03448	.01584	-.08976	-.04122	1.46921	3.29823	-.00639
1.471	1.818	-2.19927	-47.72124	.08101	.03715	-.09333	-.04280	1.47042	3.30268	-.00500
GRADIENT		-.07640	19.41292	.04396	.02026	-.00295	-.00131	.00106	.00390	.00126

RUN NO. 1435/ O RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
1.495	-8.029	-1.77774	-166.87160	-.35885	-.17039	-.08577	-.04072	1.46886	3.29693	-.03528
1.495	-7.011	-1.78130	-164.98880	-.31894	-.15142	-.08664	-.04113	1.46895	3.29726	-.03501
1.496	-6.021	-1.78624	-162.59100	-.27730	-.12987	-.08536	-.03998	1.48129	3.34304	-.02093
1.496	-5.036	-1.78734	-159.39980	-.23176	-.10798	-.08544	-.03981	1.48618	3.36133	-.01556
1.496	-4.058	-1.79340	-154.86090	-.18889	-.08762	-.08377	-.03886	1.48993	3.37537	-.01121
1.496	-3.086	-1.79990	-148.14270	-.14419	-.06670	-.08331	-.03854	1.49239	3.38460	-.00827
1.496	-2.125	-1.81789	-137.42480	-.09335	-.04544	-.08368	-.03867	1.49381	3.38992	-.00700
1.496	-1.191	-1.87116	-119.90060	-.05530	-.02555	-.08614	-.03980	1.49391	3.39031	-.00685
1.496	-.239	-1.97602	-93.83382	-.01071	-.00495	-.09198	-.04252	1.49310	3.38726	-.00746
1.496	.762	-2.10992	-67.09793	.03636	.01681	-.09643	-.04457	1.49313	3.38739	-.00739
1.495	1.829	-2.19056	-47.56258	.08551	.03950	-.09860	-.04555	1.49352	3.38885	-.00708
GRADIENT		-.07254	19.39335	.04669	.02162	-.00291	-.00132	.00042	.00158	.00050

RUN NO. 1402/ O RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

IA310 (AEDC 16TF-783) FAIRING-OFF DATABASE (TCMO33) ( 04 OCT 91 )

PARAMETRIC DATA

BETA = -2.000 PHI = 180.000

RUN NO. 1425/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
1.516	-8.029	-1.77962	-166.83170	-0.40366	-0.19358	-0.09332	-0.04475	1.48408	3.35345	-0.04574
1.516	-7.011	-1.78356	-164.94910	-0.36856	-0.17668	-0.09731	-0.04665	1.48519	3.35761	-0.04565
1.516	-6.023	-1.78398	-162.59080	-0.31877	-0.15279	-0.09555	-0.04580	1.48508	3.35720	-0.04551
1.516	-5.038	-1.78501	-159.39960	-0.26843	-0.12866	-0.09498	-0.04553	1.48497	3.35678	-0.04543
1.516	-4.059	-1.79287	-154.86090	-0.22237	-0.10662	-0.09745	-0.04672	1.48463	3.35551	-0.04558
1.517	-3.086	-1.80168	-148.10310	-0.17084	-0.08198	-0.09975	-0.04786	1.48521	3.35767	-0.04574
1.517	-2.130	-1.82201	-137.38520	-0.11624	-0.05578	-0.09821	-0.04713	1.48485	3.35634	-0.04562
1.517	-1.191	-1.87231	-119.82130	-0.06634	-0.03182	-0.10017	-0.04805	1.48490	3.35651	-0.04526
1.517	-.239	-1.98189	-93.75462	-0.01374	-0.00660	-0.10401	-0.04992	1.48514	3.35742	-0.04571
1.516	.766	-2.11529	-67.01860	0.04105	0.01970	-0.11042	-0.05298	1.48349	3.35126	-0.04626
1.516	1.831	-2.18991	-47.48335	0.09800	0.04700	-0.11336	-0.05437	1.48462	3.35549	-0.04564
GRADIENT		-0.07279	19.39305	0.05455	0.02616	-0.00276	-0.00133	-0.00012	-0.00043	-0.00005

RUN NO. 1413/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
1.542	-8.032	-1.78212	-166.83200	-0.39790	-0.18882	-0.09403	-0.04462	1.52523	3.50952	-0.02759
1.542	-7.010	-1.77971	-164.98860	-0.34197	-0.16201	-0.09172	-0.04345	1.52644	3.51417	-0.02625
1.542	-6.026	-1.78618	-162.59100	-0.28897	-0.13659	-0.09094	-0.04298	1.52853	3.52226	-0.02396
1.542	-5.037	-1.78568	-159.39960	-0.23644	-0.11166	-0.08931	-0.04218	1.52936	3.52544	-0.02308
1.542	-4.058	-1.79278	-154.86090	-0.18287	-0.08628	-0.08527	-0.04203	1.52991	3.52757	-0.02225
1.542	-3.085	-1.80224	-148.10310	-0.12426	-0.05857	-0.07562	-0.03565	1.53075	3.53081	-0.02129
1.542	-2.130	-1.82127	-137.42490	-0.07984	-0.03763	-0.07014	-0.03305	1.53101	3.53182	-0.02118
1.542	-1.192	-1.87099	-119.90060	-0.04466	-0.02106	-0.06986	-0.03294	1.53000	3.52791	-0.02177
1.542	-.238	-1.97636	-93.75461	0.00950	0.00448	-0.07333	-0.03457	1.53019	3.52863	-0.02133
1.542	.765	-2.10955	-67.01868	0.02752	0.01297	-0.07692	-0.03625	1.53130	3.53292	-0.02082
1.542	1.828	-2.19122	-47.56256	0.06797	0.03200	-0.07960	-0.03747	1.53174	3.53463	-0.01981
GRADIENT		-0.07237	19.39594	0.04131	0.01947	-0.00038	-0.00019	-0.00021	-0.00083	-0.00030

(TCM034) ( 04 OCT 91 )

PARAMETRIC DATA

BETA = -1.000 PHI = 180.000

MACH	ALPHA	BETA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
.600	-8.002	-.72538	-173.90840	-.33575	-.06773	-.03332	-.00672	.57153	1.24794	-.02184
.599	-6.991	-.72539	-173.02660	-.29454	-.05902	-.03436	-.00688	.57843	1.25446	-.01618
.600	-6.001	-.72675	-171.86710	-.25184	-.05031	-.03230	-.00645	.58432	1.26010	-.01196
.600	-5.008	-.72657	-170.27060	-.20892	-.04163	-.03137	-.00625	.58944	1.26508	-.00831
.600	-4.023	-.72752	-167.92010	-.16841	-.03351	-.03208	-.00638	.59302	1.26858	-.00583
.600	-3.040	-.72874	-164.14090	-.12581	-.02497	-.03146	-.00624	.59640	1.27192	-.00319
.601	-2.078	-.73506	-157.18900	-.08448	-.01675	-.02993	-.00593	.59818	1.27369	-.00185
.600	-1.158	-.75718	-141.59830	-.04637	-.00918	-.02982	-.00590	.59933	1.27484	-.00085
.601	-.265	-.96005	-97.78949	-.00987	-.00196	-.03820	-.00756	.59982	1.27533	-.00063
.600	.783	-1.19301	-50.51779	.03229	.00639	-.04749	-.00940	.59997	1.27548	-.00038
.601	1.859	-1.26495	-30.07860	.07774	.01540	-.05004	-.00991	.60008	1.27558	-.00052
	GRADIENT	-.10244	25.88758	.04166	.00827	-.00350	-.00069	.00110	.00109	.00083

RUN NO. 1354/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

RUN NO. 1344/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
.800	-7.965	-.85701	-173.23910	-.31951	-.09654	-.03799	-.01148	.77117	1.48192	-.02841
.800	-6.981	-.80435	-172.71110	-.28127	-.08449	-.03534	-.01062	.77780	1.49146	-.02207
.800	-5.989	-.80404	-171.51140	-.24070	-.07188	-.03337	-.00997	.78437	1.50105	-.01576
.800	-4.995	-.80461	-169.83530	-.20056	-.05962	-.03223	-.00958	.78886	1.50767	-.01118
.800	-4.002	-.80812	-167.32580	-.16048	-.04754	-.03230	-.00957	.79294	1.51373	-.00736
.801	-3.015	-.80672	-163.38760	-.11938	-.03528	-.03281	-.00970	.79583	1.51806	-.00470
.800	-2.045	-.81000	-156.11820	-.08001	-.02359	-.03181	-.00938	.79772	1.52090	-.00266
.800	-1.108	-.82291	-139.85420	-.04271	-.01257	-.03130	-.00921	.79848	1.52204	-.00144
.800	-.186	-.98222	-95.33426	-.00672	-.00198	-.03814	-.01122	.79912	1.52301	-.00092
.800	.847	-1.14220	-48.81480	.03402	.01001	-.04145	-.01298	.79919	1.52312	-.00076
.800	1.903	-1.19658	-29.00945	.07626	.02241	-.04497	-.01322	.79887	1.52263	-.00070
	GRADIENT	-.06057	21.97018	.04009	.01187	-.00200	-.00057	.00136	.00204	.00145

RUN NO. 1332/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
.900	-7.989	-.84140	-173.31810	-.30679	-.10589	-.03603	-.01243	.87273	1.64257	-.02963
.900	-6.968	-.79477	-172.71080	-.26837	-.09201	-.03861	-.01152	.87882	1.65323	-.02282
.900	-5.973	-.79337	-171.51100	-.22974	-.07832	-.03193	-.01089	.88451	1.66332	-.01685
.900	-4.982	-.79052	-169.87460	-.19128	-.06487	-.03061	-.01038	.88932	1.67192	-.01161
.900	-3.996	-.79327	-167.40480	-.15259	-.05156	-.03107	-.01050	.89302	1.67860	-.00774
.900	-3.007	-.79211	-163.46670	-.11363	-.03827	-.03079	-.01037	.89573	1.68351	-.00466
.900	-2.037	-.79278	-156.23690	-.07580	-.02547	-.03002	-.01009	.89752	1.68677	-.00253
.900	-1.111	-.80898	-140.05230	-.04033	-.01354	-.02981	-.01001	.89885	1.68919	-.00144
.900	-.199	-.97255	-95.73024	-.00634	-.00213	-.03616	-.01213	.89921	1.68987	-.00078
.900	.834	-1.14481	-49.01292	.03251	.01091	-.04211	-.01413	.89928	1.68999	-.00071
.900	1.889	-1.20314	-29.16798	.07227	.02424	-.04295	-.01440	.89943	1.69027	-.00052
	GRADIENT	-.06389	22.03183	.03833	.01295	-.00193	-.00063	.00139	.00253	.00154

RUN NO. 1332/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

IA310 (AEDC 16TF-783) FAIRING-OFF DATABASE

(TCM034) ( 04 OCT 91 )

PARAMETRIC DATA

BETA = -1.000 PHI = 180.000

RUN NO. 1323/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
1.099	-7.980	-98140	-172.80610	-.27772	-.11364	-.03715	-.01520	1.07416	2.06735	-.03082
1.100	-6.950	-.92588	-172.15770	-.24231	-.09854	-.03416	-.01389	1.08039	2.08293	-.02401
1.100	-5.949	-.92827	-170.79870	-.20727	-.08372	-.03394	-.01371	1.08624	2.09767	-.01702
1.100	-4.954	-.93392	-168.92390	-.17250	-.06933	-.03266	-.01312	1.09040	2.10823	-.01191
1.100	-3.957	-.93828	-166.25550	-.13685	-.05478	-.03266	-.01307	1.09366	2.11656	-.00781
1.100	-2.963	-.94145	-161.99990	-.10078	-.04021	-.03204	-.01278	1.09600	2.12256	-.00469
1.100	-1.981	-.91504	-154.65060	-.06639	-.02643	-.03088	-.01229	1.09773	2.12701	-.00249
1.100	-1.020	-.92053	-137.15890	-.03328	-.01323	-.03037	-.01207	1.09889	2.12999	-.00114
1.100	-.051	-.99641	-91.33463	-.00085	-.00034	-.03290	-.01307	1.09934	2.13115	-.00062
1.100	.940	-1.05899	-46.31984	.03259	.01295	-.03445	-.01369	1.09934	2.13116	-.00046
1.100	1.963	-1.07794	-27.34677	.06747	.02681	-.03401	-.01351	1.09955	2.13170	-.00050
GRADIENT		-.02158	22.02937	.03462	.01385	-.00025	-.00008	.00126	.00322	.00158

RUN NO. 1368/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
1.250	-7.998	-.83749	-173.51490	-.28706	-.12680	-.03172	-.01401	1.22286	2.47480	-.03274
1.250	-6.973	-.83823	-172.55310	-.25123	-.11014	-.03132	-.01373	1.22982	2.49558	-.02476
1.250	-5.978	-.83927	-171.31360	-.21558	-.09387	-.03178	-.01384	1.23559	2.51296	-.01776
1.250	-4.986	-.84080	-169.59780	-.17868	-.07747	-.03038	-.01317	1.23921	2.52390	-.01342
1.250	-3.995	-.84263	-167.04830	-.14300	-.06176	-.02936	-.01268	1.24250	2.53388	-.00939
1.250	-3.005	-.84061	-163.03070	-.10620	-.04570	-.02963	-.01275	1.24500	2.54149	-.00589
1.250	-2.031	-.84378	-155.64230	-.07126	-.03059	-.02926	-.01256	1.24703	2.54767	-.00334
1.250	-1.091	-.85329	-139.18050	-.03803	-.01630	-.02958	-.01267	1.24862	2.55253	-.00168
1.250	-.153	-.99170	-94.50259	-.00501	-.00215	-.03438	-.01472	1.24884	2.55323	-.00103
1.250	.881	-1.13076	-48.26018	.03140	.01344	-.03838	-.01643	1.24906	2.55389	-.00095
1.250	1.923	-1.17303	-28.69258	.06787	.02906	-.03911	-.01675	1.24922	2.55438	-.00100
GRADIENT		-.05154	21.94034	.03568	.01540	-.00147	-.00061	.00141	.00429	.00176

RUN NO. 1380/ O RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
1.400	-7.995	-.85095	-173.47560	-.31599	-.14703	-.03427	-.01594	1.37068	2.94785	-.03415
1.400	-6.970	-.85712	-172.47440	-.27743	-.12803	-.03480	-.01606	1.37802	2.97300	-.02563
1.400	-5.975	-.85656	-171.23480	-.23744	-.10886	-.03377	-.01548	1.38345	2.99169	-.01900
1.400	-4.984	-.85798	-169.51890	-.19822	-.09042	-.03348	-.01527	1.38838	3.00876	-.01376
1.400	-3.993	-.85659	-167.00900	-.15846	-.07193	-.03354	-.01522	1.39219	3.02200	-.00886
1.400	-3.001	-.85490	-162.91180	-.11664	-.05280	-.03269	-.01480	1.39468	3.03065	-.00611
1.399	-2.026	-.85441	-155.48360	-.07776	-.03513	-.03270	-.01477	1.39563	3.03396	-.00422
1.400	-1.080	-.86266	-138.82370	-.04143	-.01867	-.03368	-.01518	1.39834	3.04344	-.00158
1.400	-.137	-.99751	-93.90863	-.00415	-.00187	-.03832	-.01725	1.39948	3.04743	-.00065
1.399	.891	-1.11777	-47.78502	.03614	.01627	-.04276	-.01925	1.39867	3.04458	-.00063
1.400	1.934	-1.15600	-28.33624	.07568	.03412	-.04333	-.01953	1.39784	3.04169	-.00196
GRADIENT		-.04656	21.97136	.03962	.01799	-.00162	-.00070	.00140	.00487	.00173



(TCM034) ( 04 OCT 91 )

## PARAMETRIC DATA

BETA = -1.000 PHI = 180.000

MACH	ALPHA	BETA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
1.450	-8.006	-.73927	-173.86910	-.33184	-.15663	-.03344	-.01578	1.41915	3.11676	-.03527
1.450	-6.983	-.74203	-172.94760	-.29173	-.13667	-.03337	-.01563	1.42653	3.14310	-.02735
1.450	-5.986	-.74084	-171.78780	-.25049	-.11662	-.03255	-.01516	1.43119	3.15978	-.02117
1.450	-5.002	-.74430	-170.15190	-.20937	-.09693	-.03306	-.01531	1.43632	3.17822	-.01542
1.450	-4.015	-.74721	-167.76170	-.16915	-.07783	-.03187	-.01466	1.44201	3.19877	-.00913
1.449	-3.031	-.74692	-163.90300	-.12511	-.05744	-.03127	-.01436	1.44311	3.20274	-.00705
1.450	-2.068	-.75097	-156.91130	-.08425	-.03860	-.03134	-.01436	1.44563	3.21188	-.00492
1.450	-1.145	-.77303	-141.12270	-.04723	-.02156	-.03258	-.01487	1.44935	3.22540	-.00088
1.450	-.249	-.96932	-97.31430	-.00877	-.00399	-.04047	-.01842	1.45176	3.23418	-.00169
1.450	.798	-1.18219	-50.12177	.03554	.01622	-.04556	-.02215	1.44942	3.22565	-.00054
1.450	1.868	-1.25603	-29.95969	.07883	.03605	-.04930	-.02254	1.44778	3.21967	-.00290
	GRADIENT	-.09677	25.87751	.04205	.01930	-.00354	-.00160	.00130	.00472	.00138

RUN NO. 1436/ O RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
1.471	-8.006	-.76161	-173.79050	-.34637	-.16372	-.03585	-.01695	1.44362	3.20460	-.03575
1.471	-6.978	-.76766	-172.82930	-.30507	-.14291	-.03526	-.01699	1.45121	3.23218	-.02659
1.471	-5.986	-.76433	-171.66930	-.26121	-.12172	-.03530	-.01645	1.45631	3.25077	-.02116
1.471	-4.996	-.76642	-170.03330	-.21781	-.10102	-.03432	-.01592	1.46014	3.26484	-.01643
1.471	-4.009	-.76638	-167.64290	-.17406	-.08046	-.03281	-.01517	1.46392	3.27871	-.01288
1.471	-3.025	-.76545	-163.78410	-.13030	-.06002	-.03253	-.01499	1.46639	3.28779	-.00949
1.471	-2.059	-.77157	-156.63370	-.08773	-.04037	-.03196	-.01471	1.46723	3.29092	-.00847
1.470	-1.132	-.78985	-140.68660	-.04781	-.02199	-.03249	-.01495	1.46715	3.29063	-.00807
1.471	-.228	-.97821	-96.68069	-.00875	-.00402	-.04053	-.01863	1.46858	3.29587	-.00723
1.471	.818	-1.17248	-49.72563	.03556	.01680	-.04934	-.02268	1.46881	3.29673	-.00715
1.471	1.885	-1.23570	-29.60333	.08254	.03789	-.05176	-.02376	1.46972	3.30011	-.00601
	GRADIENT	-.07336	21.96157	.04362	.02015	-.00282	-.00127	.00120	.00442	.00133

RUN NO. 1403/ O RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
1.495	-8.005	-.77561	-173.75130	-.35773	-.16873	-.03933	-.01855	1.47472	3.31860	-.02835
1.496	-6.983	-.77535	-172.82940	-.31794	-.15041	-.03887	-.01839	1.47256	3.31062	-.03129
1.495	-5.985	-.78018	-171.59030	-.27473	-.12889	-.03765	-.01767	1.47925	3.33543	-.02278
1.495	-4.995	-.77862	-169.95390	-.23030	-.10719	-.03819	-.01778	1.48673	3.36335	-.01459
1.496	-4.007	-.77892	-167.52380	-.18525	-.08637	-.03587	-.01710	1.49055	3.37768	-.01075
1.495	-3.027	-.78127	-163.62550	-.14014	-.06500	-.03576	-.01659	1.49386	3.37510	-.01116
1.496	-2.055	-.78391	-156.47510	-.09597	-.04453	-.03612	-.01676	1.49010	3.37600	-.01133
1.496	-1.125	-.80406	-140.40920	-.05349	-.02481	-.03708	-.01720	1.49047	3.37736	-.01092
1.496	-.215	-.98343	-96.36386	-.01008	-.00468	-.04590	-.02129	1.49046	3.37735	-.01081
1.496	.831	-1.16505	-49.48796	.03959	.01837	-.05313	-.02466	1.48970	3.37450	-.01141
1.496	1.895	-1.22114	-29.32617	.08857	.04108	-.05445	-.02526	1.48989	3.37520	-.01113
	GRADIENT	-.06932	21.95106	.04639	.02155	-.00277	-.00128	.00024	.00091	.00027

IA310 (AEDC 16TF-783) FAIRING-OFF DATABASE

(TCMO34) ( 04 OCT 91 )

PARAMETRIC DATA

BETA = -1.000 PHI = 180.000

RUN NO. 1426/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
1.517	-8.000	-.77708	-173.71130	-.40852	-.19198	-.04176	-.01962	1.50344	3.42630	-.02426
1.517	-6.983	-.77801	-172.78970	-.37047	-.17410	-.04360	-.02049	1.50351	3.42656	-.02402
1.517	-5.985	-.77845	-171.59010	-.31949	-.15013	-.04345	-.02042	1.50346	3.42638	-.02392
1.517	-4.996	-.77695	-169.95380	-.26832	-.12610	-.04169	-.01959	1.50382	3.42772	-.02390
1.517	-4.008	-.77979	-167.48400	-.22023	-.10354	-.04250	-.01998	1.50360	3.42691	-.02426
1.516	-3.022	-.78220	-163.54610	-.16145	-.07589	-.04257	-.02001	1.50276	3.42371	-.02430
1.517	-2.055	-.78525	-156.39570	-.10869	-.05109	-.04244	-.01995	1.50360	3.42691	-.02396
1.517	-1.125	-.80193	-140.32990	-.05782	-.02717	-.03944	-.01853	1.50373	3.42739	-.02387
1.516	-.215	-.98225	-96.16591	-.01456	-.00685	-.04219	-.01984	1.50223	3.42171	-.02478
1.516	.830	-1.16561	-49.36917	.04224	.01986	-.05329	-.02505	1.50265	3.42332	-.02429
1.517	1.895	-1.22318	-29.32610	.09933	.04670	-.05949	-.02797	1.50364	3.42705	-.02403
GRADIENT		-.06951	21.96094	.05353	.02516	-.00216	-.00102	-.00009	-.00033	-.00003

RUN NO. 1414/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
1.542	-8.004	-.77893	-173.71160	-.39492	-.18723	-.04175	-.01979	1.52567	3.51121	-.02701
1.542	-6.982	-.77892	-172.78980	-.33959	-.16074	-.03965	-.01877	1.52706	3.51657	-.02535
1.542	-5.990	-.77521	-171.62970	-.28073	-.13268	-.03965	-.01874	1.52876	3.52314	-.02328
1.543	-4.995	-.78049	-169.91420	-.22677	-.10715	-.03957	-.01870	1.52946	3.52584	-.02293
1.542	-4.008	-.77824	-167.52370	-.17067	-.08057	-.03634	-.01715	1.52982	3.52722	-.02190
1.543	-3.022	-.77862	-163.62540	-.11649	-.05494	-.03157	-.01489	1.53146	3.53355	-.02091
1.542	-2.055	-.78505	-156.43540	-.07716	-.03641	-.03022	-.01426	1.53006	3.52815	-.02178
1.542	-1.125	-.80176	-140.36950	-.04245	-.02003	-.02926	-.01381	1.53052	3.52992	-.02135
1.543	-.215	-.98193	-96.20552	-.00927	-.00437	-.03542	-.01671	1.53083	3.53111	-.02092
1.543	.829	-1.16550	-49.40878	.02831	.01335	-.04041	-.01906	1.53126	3.53278	-.02075
1.554	1.896	-1.22128	-29.28653	.06693	.03202	-.04170	-.01995	1.53122	3.53262	-.02063
GRADIENT		-.06925	21.96397	.04165	.01971	-.00057	-.00029	-.00022	.00085	.00027

IA310 (AEDC 16TF-783) FAIRING-OFF DATABASE (TCM035) ( 04 OCT 91 )

## PARAMETRIC DATA

BETA = .000 PHI = 180.000

RUN NO. 1355/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
.599	-7.963	.28604	178.93230	-.33249	-.06693	-.01048	.00211	.57123	1.24766	-.02150
.600	-6.956	.28609	178.77250	-.29082	-.05839	-.01069	.00215	.57820	1.25424	-.01678
.600	-5.955	.28131	178.61260	-.24856	-.04970	-.01073	.00214	.58481	1.26058	-.01188
.600	-4.953	.28145	178.33410	-.20653	-.04115	-.01068	.00213	.58953	1.26517	-.00826
.601	-3.951	.28274	177.89720	-.16508	-.03286	-.01025	.00204	.59388	1.26943	-.00542
.600	-2.948	.27921	177.26200	-.12247	-.02430	-.01036	.00205	.59626	1.27178	-.00324
.601	-1.942	.27778	175.91380	-.07903	-.01568	-.01086	.00215	.59846	1.27397	-.00185
.601	-.922	.26963	172.10960	-.03614	-.00716	-.01073	.00213	.59940	1.27490	-.00102
.600	.192	-.06618	103.32380	.00687	.00136	-.00233	-.00046	.59920	1.27471	-.00048
.600	.869	-.17438	-.08211	.03342	.00661	-.00670	-.00133	.59947	1.27498	-.00043
.600	2.006	-.28588	-3.24762	.08254	.01632	-.00944	-.00187	.59945	1.27495	-.00048
GRADIENT		-.08719	-28.24187	.04141	.00823	-.00315	-.00062	.00129	.00128	.00107

RUN NO. 1345/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
.800	-7.968	.20124	179.24610	-.31883	-.09634	.00724	.00219	.77118	1.48193	-.02843
.800	-6.952	.20224	179.12650	-.27762	-.08336	.00736	.00221	.77846	1.49243	-.02149
.800	-5.951	.20404	178.96730	-.23746	-.07087	.00740	.00221	.78381	1.50022	-.01584
.800	-4.950	.20310	178.76830	-.19838	-.05896	.00804	.00239	.78921	1.50818	-.01091
.800	-3.955	.20093	178.49010	-.15828	-.04688	.00787	.00233	.79289	1.51366	-.00733
.800	-2.948	.20121	177.97420	-.11707	-.03458	.00748	.00221	.79607	1.51841	-.00431
.800	-1.946	.19906	177.02250	-.07624	-.02246	.00717	.00211	.79796	1.52125	-.00219
.800	-.933	.19301	174.28810	-.03574	-.01052	.00732	.00215	.79902	1.52286	-.00112
.800	.019	-.13591	15.12493	.00024	.00007	-.00556	-.00164	.79925	1.52321	-.00074
.800	1.009	-.17075	-2.18056	.03839	.01129	-.00615	-.00181	.79899	1.52282	-.00070
.799	2.003	-.20604	-2.09988	.07933	.02331	-.00581	-.00171	.79897	1.52279	-.00048
GRADIENT		-.06856	-31.78292	.03980	.01178	-.00246	-.00073	.00132	.00197	.00142

RUN NO. 1333/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
.900	-7.958	.21413	179.20690	-.30466	-.10518	.00772	.00267	.87220	1.64165	-.03002
.900	-6.932	.21469	179.08720	-.26518	-.09093	.00743	.00255	.87900	1.65355	-.02282
.900	-5.938	.21555	178.92790	-.22717	-.07738	.00778	.00265	.88421	1.66277	-.01663
.900	-4.939	.21432	178.72890	-.18919	-.06415	.00822	.00279	.88934	1.67195	-.01154
.900	-3.940	.21363	178.41100	-.15077	-.05093	.00802	.00271	.89318	1.67887	-.00750
.900	-2.935	.21198	177.89510	-.11133	-.03747	.00768	.00259	.89580	1.68363	-.00431
.900	-1.929	.21075	176.86410	-.07221	-.02427	.00678	.00228	.89804	1.68772	-.00228
.900	-.918	.20380	173.97120	-.03364	-.01129	.00744	.00250	.89888	1.68925	-.00109
GRADIENT		-.00238	-1.10139	.03876	.01317	-.00028	-.00010	.00238	.00432	.00260

IA310 (AEDC 16TF-783) FAIRING-OFF DATABASE

(TCM035) ( 04 OCT 91 )

PARAMETRIC DATA

BETA = .000 PHI = 180.000

RUN NO. 1324/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
1.100	-7.946	.03990	179.95260	-.27498	-.11252	.00052	.00021	1.07463	2.06852	-.03065
1.100	-6.933	.07825	179.67800	-.24082	-.09786	.00208	.00085	1.08107	2.08464	-.02323
1.100	-5.936	.07526	179.67760	-.20639	-.08335	.00189	.00076	1.08612	2.09737	-.01695
1.100	-4.941	.07339	179.63760	-.17179	-.06904	.00229	.00092	1.09065	2.10888	-.01180
1.100	-3.935	.07135	179.55780	-.13626	-.05452	.00276	.00110	1.09344	2.11599	-.00773
1.100	-2.935	.05880	179.39840	-.09998	-.03990	.00199	.00079	1.09664	2.12420	-.00456
1.100	-1.940	.06592	178.92300	-.06504	-.02589	.00183	.00073	1.09809	2.12794	-.00225
1.100	-.936	.07204	177.89280	-.03143	-.01249	.00226	.00090	1.09898	2.13021	-.00095
1.100	.059	.00484	119.99410	.00097	.00038	.00150	.00059	1.09925	2.13092	-.00040
1.100	.985	-.07623	-.04232	.03295	.01309	-.00044	-.00017	1.09946	2.13147	-.00065
1.100	2.007	-.08021	-.23965	.06821	.02710	.00024	.00009	1.09977	2.13225	-.00049
1.100	GRADIENT	-.02355	-27.92565	.03440	.01376	-.00038	-.00015	.00124	.00317	.00155

RUN NO. 1370/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
1.250	-7.973	.16830	179.36380	-.28398	-.12540	.00408	.00180	1.22298	2.47514	-.03239
1.250	-6.948	.17154	179.24450	-.24838	-.10888	.00573	.00251	1.22956	2.49481	-.02476
1.250	-5.950	.16656	179.16430	-.21328	-.09285	.00460	.00200	1.23524	2.51190	-.01770
1.250	-4.947	.16969	178.96570	-.17660	-.07656	.00557	.00241	1.23919	2.52383	-.01335
1.250	-3.951	.16781	178.72720	-.14061	-.06072	.00645	.00279	1.24266	2.53438	-.00931
1.250	-2.948	.16624	178.33030	-.10348	-.04451	.00545	.00235	1.24520	2.54211	-.00555
1.250	-1.946	.16375	177.49760	-.06834	-.02932	.00513	.00220	1.24766	2.54959	-.00287
1.250	-.941	.16028	175.15950	-.03280	-.01405	.00565	.00242	1.24888	2.55332	-.00140
1.250	-.074	-.06143	-51.07858	-.00268	-.00115	-.00130	-.00056	1.24872	2.55285	-.00156
1.250	.987	-.19767	-4.83343	.03468	.01485	-.00537	-.00230	1.24893	2.55348	-.00093
1.250	2.026	-.17631	-1.74371	.07138	.03056	-.00369	-.00158	1.24857	2.55237	-.00104
1.249	GRADIENT	-.05910	-34.19582	.03549	.01531	-.00172	-.00074	.00131	.00399	.00170

RUN NO. 1381/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
1.400	-7.977	.14945	179.44230	-.31353	-.14579	.00568	.00264	1.37168	2.95126	-.03338
1.400	-6.948	.15342	179.32300	-.27478	-.12679	.00753	.00347	1.37804	2.97306	-.02556
1.400	-5.951	.15323	179.20350	-.23544	-.10800	.00646	.00296	1.38378	2.99285	-.01935
1.400	-4.954	.15245	179.04440	-.19676	-.08970	.00667	.00304	1.38810	3.00781	-.01329
1.400	-3.952	.15241	178.80610	-.15670	-.07112	.00735	.00334	1.39228	3.02231	-.00872
1.400	-2.954	.15197	178.44900	-.11448	-.05181	.00682	.00309	1.39533	3.03294	-.00583
1.401	-1.948	.15019	177.73520	-.07549	-.03410	.00653	.00254	1.39725	3.03962	-.00375
1.400	-.948	.14780	175.59520	-.03656	-.01646	.00587	.00264	1.39898	3.04567	-.00083
1.400	.055	-.09971	25.06580	.00210	.00094	-.00276	-.00124	1.39928	3.04670	-.00072
1.399	1.005	-.14371	-2.02219	.03888	.01750	-.00402	-.00181	1.39928	3.04676	-.00023
1.400	2.022	-.15950	-1.42703	.07837	.03532	-.00410	-.00185	1.39823	3.04305	-.00171
1.400	GRADIENT	-.05278	-31.39032	.03937	.01786	-.00192	-.00087	.00143	.00499	.00170

(TCM035) ( 04 OCT 91 )

## PARAMETRIC DATA

BETA = .000 PHI = 180.000

RUN NO. 1392/ O RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
1.450	-7.974	.26592	179.01060	-.32917	-.15528	.00951	.00448	1.42015	3.12034	-.03453
1.450	-6.945	.26793	178.85110	-.28920	-.13546	.01049	.00491	1.42630	3.14226	-.02726
1.450	-5.947	.26413	178.69130	-.24785	-.11541	.00921	.00429	1.43197	3.16257	-.02107
1.449	-4.945	.26440	178.41290	-.20753	-.09605	.01052	.00487	1.43615	3.17759	-.01521
1.450	-3.946	.26683	178.01580	-.16643	-.07658	.01132	.00521	1.44218	3.19939	-.00904
1.450	-2.942	.26477	177.38070	-.12160	-.05583	.01023	.00470	1.44341	3.20384	-.00699
1.450	-1.938	.26213	176.11180	-.08024	-.03674	.00991	.00454	1.44638	3.21462	-.00423
1.450	-.920	.25405	172.50560	-.03883	-.01768	.01081	.00492	1.45134	3.23265	-.00136
1.450	-.095	-.16525	-.00344	-.00369	-.00168	-.00598	-.00273	1.44990	3.22741	-.00047
1.450	.993	-.26878	-5.98163	.04310	.01917	-.00934	-.00425	1.45116	3.23198	-.00159
1.449	2.018	-.27443	-3.08924	.08212	.03801	-.00815	-.00373	1.44659	3.21537	-.00306
GRADIENT		-.09258	-32.50265	.04184	.01926	-.00336	-.00154	.00172	.00622	.00197

RUN NO. 1437/ O RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
1.471	-7.972	.24359	179.08890	-.34410	-.16253	.00808	.00382	1.44432	3.20713	-.03512
1.471	-6.943	.24721	178.92970	-.30265	-.14180	.01015	.00476	1.45185	3.23450	-.02661
1.471	-5.951	.24898	178.73070	-.25899	-.12068	.01039	.00484	1.45656	3.25171	-.02103
1.471	-4.948	.24305	178.53120	-.21547	-.09994	.01068	.00495	1.46071	3.26691	-.01624
1.471	-3.946	.24237	178.17370	-.17160	-.07930	.01117	.00516	1.46358	3.27746	-.01257
1.471	-2.942	.24373	177.53890	-.12701	-.05849	.01138	.00524	1.46671	3.28900	-.00911
1.471	-1.944	.24291	176.34930	-.08308	-.03823	.01120	.00515	1.46741	3.29156	-.00838
1.471	-.923	.23382	173.02050	-.03898	-.01792	.01151	.00529	1.46784	3.29317	-.00772
1.471	-.078	-.15404	-.00343	-.00337	-.00155	-.00641	-.00295	1.46834	3.29498	-.00716
1.471	1.009	-.23953	-4.91258	.04333	.01992	-.00921	-.00423	1.46851	3.29563	-.00716
1.471	2.019	-.25254	-2.81226	.08620	.03959	-.00865	-.00397	1.46908	3.29773	-.00655
GRADIENT		-.08455	-32.42643	.04331	.02001	-.00346	-.00160	.00107	.00393	.00122

RUN NO. 1404/ O RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
1.496	-7.973	.23026	179.12810	-.35579	-.16846	.00556	.00311	1.47177	3.30767	-.03185
1.496	-6.944	.23506	178.96910	-.31626	-.14978	.00868	.00411	1.47180	3.30781	-.03203
1.496	-5.947	.22948	178.84890	-.27303	-.12782	.00806	.00377	1.48219	3.34639	-.02016
1.496	-4.949	.23460	178.57100	-.22833	-.10630	.00947	.00441	1.48723	3.36525	-.01455
1.496	-3.947	.22934	178.29240	-.18383	-.08559	.01004	.00468	1.48724	3.36528	-.01460
1.495	-2.944	.22759	177.73680	-.13670	-.06363	.00989	.00461	1.48658	3.36278	-.01458
1.496	-1.941	.22591	176.62650	-.09156	-.04261	.01031	.00480	1.48701	3.36441	-.01444
1.496	-.935	.21953	173.45620	-.04519	-.02104	.01089	.00507	1.48707	3.36465	-.01462
1.496	-.063	.10550	-112.67150	-.00439	-.00204	.00574	.00267	1.48605	3.36082	-.01546
1.496	1.124	.12033	-179.45080	.05047	.02353	.00842	.00393	1.48561	3.35917	-.01595
1.496	2.030	.23519	-176.39210	.09299	.04336	.01294	.00603	1.48584	3.36004	-.01607
GRADIENT		-.01079	-61.21721	.04608	.02146	-.00006	-.00003	-.00023	-.00087	-.00024

(TCMO35) ( 04 OCT 91 )

IA310 (AEDC 16TF-783) FAIRING-OFF DATABASE

PARAMETRIC DATA

BETA = .000 PHI = 180.000

RUN NO. 1427/ O RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
1.517	-7.973	.22813	179.16780	-.41044	-.19300	.01034	.00486	1.50375	3.42746	-.02414
1.517	-6.944	.23247	179.00870	-.37166	-.17477	.01192	.00561	1.50384	3.42782	-.02421
1.517	-5.948	.22751	178.88850	-.31860	-.14986	.01091	.00513	1.50326	3.42563	-.02458
1.518	-4.950	.23355	178.61060	-.27008	-.12705	.01262	.00594	1.50374	3.42741	-.02437
1.517	-3.948	.22840	178.33210	-.21795	-.10251	.01338	.00629	1.50298	3.42456	-.02436
1.518	-2.945	.22814	177.77650	-.15757	-.07411	.01103	.00519	1.50388	3.42797	-.02412
1.517	-1.942	.22664	176.66620	-.10215	-.04808	.00990	.00466	1.50221	3.42164	-.02505
1.517	-.928	.21937	173.57510	-.03796	-.01786	.00524	.00246	1.50212	3.42128	-.02476
1.517	-.115	-.06436	-49.49515	-.00347	-.00163	.00584	-.00275	1.50341	3.42618	-.02422
1.517	.978	-.25600	-6.33798	.02945	.01386	-.00646	-.00304	1.50263	3.42321	-.02504
1.517	2.017	-.23783	-2.53514	.09964	.04689	-.00710	-.00334	1.50292	3.42432	-.02470
GRADIENT		-.07919	-34.17506	.05250	.02470	-.00350	-.00165	-.00011	-.00042	-.00007

RUN NO. 1416/ O RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
1.543	-7.971	.24906	179.01080	-.39271	-.18590	.01841	.00871	1.52758	3.51857	-.02471
1.543	-6.949	.23123	179.00850	-.33820	-.16015	.01419	.00672	1.52751	3.51829	-.02497
1.543	-5.946	.23060	178.84900	-.27412	-.12978	.01201	.00569	1.52775	3.51922	-.02487
1.543	-4.944	.23140	178.61040	-.21983	-.10411	.00771	.00365	1.52742	3.51796	-.02511
1.543	-3.948	.23036	178.29250	-.16317	-.07725	.00870	.00412	1.52764	3.51881	-.02491
1.543	-2.945	.22844	177.73680	-.11420	-.05407	.00655	.00310	1.52731	3.51751	-.02509
1.543	-1.942	.22742	176.62650	-.07436	-.03521	.00680	.00322	1.52788	3.51972	-.02500
1.543	-.927	.22001	173.49590	-.03603	-.01706	.00768	.00363	1.52767	3.51891	-.02489
1.543	-.116	-.11317	-17.38718	-.00234	-.00111	.00570	-.00270	1.52684	3.51574	-.02540
1.543	1.001	-.25443	-6.10037	.03210	.01521	-.00718	-.00340	1.52789	3.51978	-.02500
1.542	2.012	-.23517	-2.49561	.06966	.03299	-.00516	-.00244	1.52694	3.51609	-.02521
GRADIENT		-.08049	-33.09517	.04071	.01928	-.00245	-.00116	-.00004	-.00017	-.00002

IA310 (AEDC 16TF-783) FAIRING-OFF DATABASE (TCM036) ( 04 OCT 91 )

## PARAMETRIC DATA

BETA = .000 PHI = 180.000

RUN NO. 1335/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
.900	-7.958	-2.1346	179.20680	-.30511	-.10532	.00606	.00209	.87234	1.64188	-.02988
.900	-6.937	-2.1947	179.04790	-.26567	-.09106	.00638	.00219	.87880	1.65319	-.02273
.900	-5.938	-2.1542	178.92790	-.22719	-.07739	.00761	.00259	.88460	1.66347	-.01642
.900	-4.934	-2.1762	178.68940	-.18930	-.06418	.00772	.00262	.88915	1.67161	-.01158
.900	-3.935	-2.1327	178.41100	-.15099	-.05100	.00812	.00274	.89327	1.67904	-.00741
.900	-2.935	-2.1203	177.89510	-.11124	-.03747	.00693	.00234	.89595	1.68391	-.00452
.900	-1.929	-2.1080	176.86410	-.07231	-.02428	.00662	.00222	.89746	1.68666	-.00226
.900	-.918	-2.0389	173.97120	-.03376	-.01133	.00715	.00240	.89926	1.68995	-.00109
.900	-.038	-.13904	3.32316	-.00038	.00013	-.00488	-.00164	.89902	1.68951	-.00070
.900	.980	-2.3372	-5.50652	.03567	.01197	-.00768	-.00258	.89919	1.68981	-.00068
.900	2.008	-2.2127	-2.33733	.07568	.02537	-.00562	-.00188	.89904	1.68955	-.00052
GRADIENT		-.07624	-32.50094	.03805	.01285	-.00248	-.00084	.00133	.00241	.00149

IA310 (AEDC 16TF-783) FAIRING-OFF DATABASE

(TCM037) ( 04 OCT 91 )

## PARAMETRIC DATA

BETA = 1.000 PHI = 180.000

RUN NO. 1357/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
.599	-7.940	1.27106	171.94890	-.33127	-.06676	.05225	.01053	.57083	1.24728	-.02201
.600	-6.915	1.26339	170.82920	-.28967	-.05815	.05283	.01061	.57817	1.25421	-.01677
.599	-5.911	1.26235	169.31410	-.24697	-.04931	.05321	.01062	.58325	1.25907	-.01245
.600	-4.906	1.25849	167.24440	-.20343	-.04057	.05247	.01046	.58946	1.26509	-.00848
.600	-3.889	1.25227	164.18450	-.16256	-.03230	.05197	.01033	.59279	1.26835	-.00566
.600	-2.869	1.24329	159.26330	-.11898	-.02358	.05142	.01019	.59569	1.27122	-.00337
.601	-1.831	1.21326	150.42160	-.07485	-.01483	.04980	.00987	.59854	1.27405	-.00156
.601	-.777	1.13565	131.08730	-.03079	-.00610	.04633	.00919	.59971	1.27522	-.00097
.601	.297	.94781	82.84685	.01114	.00221	.03921	.00777	.59974	1.27525	-.00075
.600	1.188	.77297	40.30490	.04829	.00955	.03181	.00629	.59986	1.27537	-.00035
.600	2.118	.74164	23.82216	.08743	.01729	.03213	.00636	.59967	1.27518	-.00044
GRADIENT		-.08164	-21.89490	.04142	.00823	-.00332	-.00067	.00142	.00141	.00108

(TCMO37) ( 04 OCT 91 )

PARAMETRIC DATA

BETA = 1.000 PHI = 180.000

RUN NO. 1346/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
.800	-7.940	1.18515	172.26270	-.31670	-.09568	.04908	.01483	.77064	1.48116	-.02868
.800	-6.922	1.18400	171.14380	-.27684	-.08318	.04784	.01437	.77770	1.49132	-.02222
.800	-5.920	1.18482	169.66880	-.23608	-.07054	.04786	.01430	.78371	1.50007	-.01638
.800	-4.914	1.17936	167.67860	-.19582	-.05819	.04814	.01430	.78863	1.50733	-.01119
.800	-3.906	1.17683	164.69840	-.15548	-.04606	.04720	.01398	.79270	1.51337	-.00757
.800	-2.889	1.16622	159.97550	-.11447	-.03381	.04573	.01351	.79574	1.51792	-.00451
.801	-1.867	1.14654	151.33240	-.07332	-.02162	.04459	.01315	.79818	1.52160	-.00243
.800	-.834	1.08686	132.51350	-.03199	-.00941	.04288	.01261	.79886	1.52262	-.00109
.800	.218	.95793	85.14476	.00764	.00225	.03881	.01142	.79933	1.52333	-.00078
.800	1.129	.83570	42.16666	.04371	.01285	.03404	.01001	.79914	1.52304	-.00060
.800	2.084	.81558	24.89116	.08216	.02415	.03428	.01008	.79899	1.52281	-.00072
GRADIENT		-.05823	-21.87592	.03963	.01173	-.00219	-.00066	.00138	.00207	.00144

RUN NO. 1336/ O RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
.900	-7.943	1.20397	172.18430	-.30307	-.10468	.04629	.01599	.87215	1.64155	-.03030
.900	-6.915	1.20046	171.06520	-.26491	-.09088	.04633	.01589	.87802	1.65182	-.02363
.900	-5.910	1.19913	169.58990	-.22607	-.07711	.04664	.01591	.88376	1.66197	-.01751
.900	-4.905	1.19258	167.59960	-.18730	-.06354	.04604	.01562	.88904	1.67142	-.01188
.900	-3.894	1.18690	164.61920	-.14853	-.05020	.04529	.01531	.89288	1.67834	-.00789
.901	-2.879	1.17645	159.85670	-.10923	-.03681	.04406	.01485	.89621	1.68439	-.00468
.900	-1.852	1.15363	151.17390	-.07003	-.02354	.04264	.01433	.89809	1.68780	-.00233
.900	-.819	1.09155	132.19650	-.03045	-.01022	.04113	.01380	.89869	1.68891	-.00125
.900	.231	.95391	84.74855	.00720	.00242	.03709	.01244	.89917	1.68979	-.00072
.900	1.141	.82854	41.92894	.04146	.01391	.03270	.01097	.89913	1.68972	-.00067
.900	2.095	.80784	24.77228	.07835	.02627	.03283	.01101	.89885	1.68920	-.00073
GRADIENT		-.06148	-21.88681	.03783	.01278	-.00210	-.00073	.00130	.00236	.00151

RUN NO. 1325/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
1.100	-7.949	1.05600	172.73370	-.27445	-.11238	.03727	.01526	1.08355	2.06675	-.03137
1.100	-6.926	1.05748	171.69510	-.23966	-.09751	.03727	.01516	1.08035	2.08282	-.02438
1.100	-5.948	1.05834	170.37950	-.20604	-.08326	.03654	.01476	1.08518	2.09499	-.01769
1.100	-4.924	1.05057	168.50820	-.17017	-.06845	.03683	.01481	1.09007	2.10740	-.01265
1.100	-3.925	1.03154	165.76520	-.13524	-.05414	.03667	.01468	1.09315	2.11524	-.00811
1.100	-2.919	1.04004	161.00380	-.09962	-.03976	.03551	.01417	1.09627	2.12325	-.00484
1.100	-1.912	1.03087	152.79730	-.06479	-.02580	.03442	.01370	1.09799	2.12767	-.00259
1.100	-.917	.99745	134.92970	-.03069	-.01220	.03379	.01344	1.09920	2.13078	-.00124
1.100	.089	.96293	89.30457	.00175	.00069	.03399	.01351	1.09925	2.13092	-.00070
1.100	1.052	.92558	44.46443	.03453	.01372	.03306	.01314	1.09963	2.13188	-.00047
1.100	2.026	.91883	26.35649	.06852	.02722	.03352	.01332	1.09922	2.13084	-.00058
GRADIENT		-.02052	-21.91385	.03421	.01369	-.00056	-.00025	.00128	.00328	.00164



IA310 (AEDC 16TF-783) FAIRING-OFF DATABASE (TCM037) ( 04 OCT 91 )

## PARAMETRIC DATA

BETA = 1.000 PHI = 180.000

RUN NO. 1371/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
1.250	-7.949	1.15125	172.38030	-.28248	-.12483	.04114	.01818	1.22268	2.47426	-.03309
1.250	-6.928	1.15274	171.26180	-.24697	-.10835	.04184	.01836	1.22881	2.49256	-.02564
1.250	-5.920	1.14986	169.82630	-.21167	-.09220	.04123	.01796	1.23474	2.51039	-.01830
1.250	-4.923	1.14774	167.83640	-.17457	-.07569	.04112	.01783	1.23863	2.52214	-.01363
1.250	-3.909	1.14866	164.85650	-.13838	-.05975	.04134	.01785	1.24193	2.53215	-.00940
1.250	-2.895	1.13588	160.21290	-.10170	-.04375	.03988	.01716	1.24474	2.54069	-.00579
1.250	-1.882	1.11750	151.72840	-.06601	-.02833	.03870	.01661	1.24725	2.54834	-.00336
1.250	-.860	1.06518	133.10770	-.03024	-.01296	.03774	.01617	1.24860	2.55247	-.00149
1.250	.186	.97166	86.01637	.00572	.00245	.03549	.01520	1.24916	2.55420	-.00090
1.250	1.122	.86312	42.52313	.03872	.01658	.03220	.01379	1.24897	2.55362	-.00097
1.250	2.079	.84092	25.12872	.07264	.03153	.03153	.01350	1.24894	2.55353	-.00117
	GRADIENT	-.04868	-21.87242	.03522	.01520	-.00150	-.00067	.00145	.00442	.00174

RUN NO. 1382/ O RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
1.399	-7.955	1.13944	172.41970	-.31179	-.14509	.04680	.02178	1.37015	2.94604	-.03438
1.400	-6.930	1.13504	171.34040	-.27351	-.12628	.04702	.02171	1.37753	2.97132	-.02613
1.400	-5.923	1.13285	169.90500	-.23374	-.10725	.04639	.02129	1.38345	2.99171	-.01966
1.400	-4.921	1.13203	167.91520	-.19438	-.08869	.04605	.02101	1.38759	3.00603	-.01408
1.400	-3.914	1.12921	165.01460	-.15432	-.07007	.04617	.02096	1.39234	3.02253	-.00907
1.400	-2.905	1.12288	160.37130	-.11270	-.05099	.04417	.01998	1.39467	3.03064	-.00569
1.400	-1.890	1.10538	151.92650	-.07297	-.03296	.04262	.01925	1.39621	3.03600	-.00402
1.400	-.870	1.05883	133.42460	-.03410	-.01537	.04205	.01895	1.39912	3.04617	-.00152
1.400	.172	.97296	86.49178	.00558	.00251	.03954	.01779	1.39928	3.04671	-.00034
1.400	1.117	.87336	42.72119	.04265	.01921	.03617	.01629	1.39891	3.04544	-.00087
1.400	2.073	.85769	25.40585	.07987	.03600	.03495	.01575	1.39816	3.04281	-.00192
	GRADIENT	-.04372	-21.87064	.03910	.01775	-.00168	-.00079	.00147	.00513	.00172

RUN NO. 1394/ O RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
1.450	-7.943	1.25102	172.02730	-.32785	-.15482	.05181	.02447	1.41918	3.11690	-.03566
1.450	-6.906	1.24781	170.86820	-.28794	-.13493	.05303	.02485	1.42629	3.14224	-.02766
1.450	-5.901	1.24701	169.35320	-.24593	-.11453	.05179	.02412	1.43169	3.16159	-.02129
1.450	-4.896	1.24236	167.28350	-.20465	-.09479	.05165	.02392	1.43567	3.17589	-.01587
1.450	-3.882	1.23952	164.22390	-.16352	-.07525	.05259	.02420	1.44147	3.19680	-.00936
1.450	-2.864	1.22882	159.34230	-.11865	-.05446	.05029	.02308	1.44398	3.20590	-.00667
1.450	-1.834	1.20066	150.50070	-.07585	-.03476	.04854	.02224	1.44539	3.21102	-.00503
1.450	-.781	1.12349	131.16660	-.03392	-.01548	.04784	.02183	1.44909	3.22446	-.00096
1.450	.281	.94559	83.32231	.01013	.00461	.04190	.01907	1.45173	3.23406	-.00203
1.450	1.175	.78970	40.89900	.04833	.02204	.03575	.01630	1.44996	3.22760	-.00015
1.450	2.113	.74902	23.90144	.08586	.03927	.03355	.01534	1.44708	3.21715	-.00313
	GRADIENT	-.07781	-21.91663	.04151	.01911	-.00278	-.00131	.00178	.00645	.00197

IA310 (AEDC 16TF-783) FAIRING-OFF DATABASE

(TCMO37) ( 04 OCT 91 )

PARAMETRIC DATA

BETA = 1.000 PHI = 180.000

RUN NO. 1438/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
1.471	-7.882	1.24254	171.94760	-.34010	-.16076	.05440	.02571	1.44369	3.20483	-.03569
1.471	-6.913	1.22770	170.94690	-.30132	-.14123	.05440	.02550	1.45147	3.23311	-.02694
1.471	-5.908	1.22837	169.43210	-.25683	-.11973	.05439	.02535	1.45593	3.24940	-.02150
1.471	-4.903	1.22203	167.40200	-.21287	-.09874	.05387	.02499	1.46089	3.26759	-.01638
1.471	-3.888	1.21490	164.38180	-.16889	-.07805	.05370	.02481	1.46363	3.27763	-.01273
1.471	-2.871	1.20813	159.50050	-.12396	-.05708	.05321	.02450	1.46637	3.28773	-.00929
1.471	-1.843	1.18276	150.73830	-.07906	-.03636	.05164	.02375	1.46817	3.29438	-.00800
1.471	-.800	1.11363	131.56280	-.03405	-.01565	.04926	.02264	1.46819	3.29446	-.00770
1.471	.260	.95450	83.83734	.01142	.00525	.04265	.01960	1.46842	3.29529	-.00745
1.471	1.159	.80849	41.41397	.04947	.02274	.03646	.01676	1.46873	3.29646	-.00713
1.471	2.104	.76734	24.09938	.08993	.04128	.03436	.01577	1.46958	3.29959	-.00581
GRADIENT		-.07105	-21.90925	.04323	.01997	-.00302	-.00142	.00110	.00404	.00128

RUN NO. 1405/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
1.496	-7.947	1.21466	172.14480	-.35464	-.16835	.05291	.02511	1.46971	3.30005	-.03438
1.496	-6.916	1.21119	171.02560	-.31479	-.14942	.05501	.02611	1.46982	3.30046	-.03428
1.496	-5.906	1.21236	169.51090	-.27112	-.12709	.05501	.02579	1.48113	3.34245	-.02142
1.496	-4.902	1.20906	167.48110	-.22574	-.10581	.05490	.02573	1.48091	3.34163	-.02139
1.496	-3.892	1.20503	164.46110	-.18048	-.08460	.05643	.02645	1.48071	3.34088	-.02155
1.496	-2.878	1.19276	159.69850	-.13320	-.06219	.05534	.02583	1.48424	3.35406	-.01751
1.496	-1.852	1.17058	150.93640	-.08690	-.04015	.05462	.02524	1.49374	3.38967	-.00697
1.496	-.814	1.10646	131.87970	-.03961	-.01830	.05308	.02453	1.49384	3.39003	-.00691
1.496	.247	.95465	84.15433	.01047	.00484	.04685	.02164	1.49398	3.39058	-.00674
1.496	1.157	.81511	41.29512	.05357	.02477	.04100	.01896	1.49313	3.38739	-.00748
1.496	2.104	.78360	24.29726	.09576	.04426	.03812	.01762	1.49364	3.38929	-.00725
GRADIENT		-.06715	-21.92893	.04603	.02149	-.00260	-.00126	.00215	.00803	.00240

RUN NO. 1428/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
1.517	-7.947	1.21737	172.14510	-.41192	-.19453	.06325	.02987	1.49947	3.41128	-.02830
1.518	-6.916	1.21351	171.02590	-.37152	-.17549	.06501	.03070	1.50032	3.41448	-.02811
1.517	-5.913	1.21153	169.55060	-.31723	-.14980	.06515	.03076	1.49954	3.41154	-.02813
1.518	-4.902	1.21111	167.48120	-.26812	-.12661	.06597	.03115	1.50067	3.41580	-.02782
1.518	-3.893	1.20432	164.50070	-.21377	-.10098	.06875	.03248	1.50010	3.41367	-.02825
1.517	-2.908	1.20356	159.73870	-.15402	-.07278	.06358	.03004	1.49939	3.41099	-.02861
1.518	-1.853	1.17024	151.01560	-.09848	-.04651	.05926	.02799	1.50022	3.41410	-.02799
1.518	-.808	1.10243	131.91930	-.04194	-.01981	.04941	.02333	1.50060	3.41553	-.02787
1.518	.246	.95896	84.43156	.00230	.00109	.03058	.01445	1.49979	3.41246	-.02854
1.518	1.157	.81426	41.45361	.04689	.02216	.03750	.01772	1.50006	3.41350	-.02822
1.518	2.102	.77704	24.21822	.10014	.04731	.04184	.01977	1.50001	3.41332	-.02813
GRADIENT		-.06808	-21.90108	.05198	.02455	-.00516	-.00244	-.00004	-.00014	-.00002

(TCM037) ( 04 OCT 91 )

## PARAMETRIC DATA

BETA = 1.000 PHI = 180.000

RUN NO. 1417/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
1.543	-7.946	1.21118	172.18430	-.39214	-.18595	.06319	.02996	1.52624	3.51340	-.02629
1.543	-6.915	1.21193	171.02570	-.33371	-.15825	.06273	.02975	1.52613	3.51298	-.02638
1.543	-5.911	1.21474	169.51110	-.27278	-.12935	.05850	.02774	1.52631	3.51366	-.02631
1.542	-4.907	1.20977	167.48110	-.21577	-.10229	.05388	.02554	1.52618	3.51318	-.02609
1.554	-3.893	1.20200	164.50060	-.15869	-.07634	.04963	.02388	1.52619	3.51320	-.02638
1.554	-2.878	1.19374	159.69850	-.11221	-.05398	.04271	.02055	1.52601	3.51252	-.02642
1.554	-1.847	1.16830	150.97590	-.07100	-.03415	.04023	.01935	1.52641	3.51406	-.02623
1.543	-.811	1.10641	131.87970	-.03362	-.01594	.03852	.01827	1.52618	3.51317	-.02636
1.543	.246	.95863	84.43156	.00416	.00197	.03507	.01663	1.52580	3.51169	-.02639
1.554	1.160	.81873	41.49315	.03574	.01720	.03114	.01498	1.52634	3.51379	-.02646
1.554	2.101	.77739	24.21820	.07100	.03416	.03128	.01505	1.52583	3.51181	-.02650
GRADIENT		-.06713	-21.90051	.03975	.01900	-.00325	-.00155	-.00003	-.00012	-.00004

## IA310 (AEDC 16TF-783) FAIRING-OFF DATABASE

(TCM038) ( 04 OCT 91 )

## PARAMETRIC DATA

BETA = 2.000 PHI = 180.000

RUN NO. 1358/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
.599	-7.904	2.26063	165.12480	-.33225	-.06693	.09760	.01966	.56962	1.24615	-.02262
.599	-6.881	2.25302	163.08540	-.28875	-.05796	.09644	.01936	.57685	1.25296	-.01752
.600	-5.867	2.24439	160.45220	-.24529	-.04910	.09587	.01919	.58284	1.25868	-.01330
.600	-4.858	2.24014	156.86910	-.20230	-.04030	.09448	.01882	.58773	1.26341	-.00930
.600	-3.840	2.22685	151.86020	-.16105	-.03201	.09405	.01869	.59149	1.26708	-.00649
.600	-2.811	2.20299	144.39610	-.11760	-.02336	.09230	.01833	.59504	1.27058	-.00420
.601	-1.776	2.15788	132.73500	-.07289	-.01446	.08904	.01767	.59744	1.27295	-.00254
.601	-.745	2.07744	114.06590	-.02994	-.00594	.08563	.01698	.59906	1.27457	-.00138
.600	.265	1.95506	87.35843	.01024	.00203	.08077	.01599	.59910	1.27461	-.00101
.600	1.223	1.85951	61.28371	.04967	.00981	.07774	.01536	.59909	1.27460	-.00050
.600	2.191	1.78931	42.85181	.08990	.01777	.07578	.01498	.59899	1.27449	-.00068
GRADIENT		-.06832	-16.92133	.04152	.00825	-.00295	-.00060	-.00155	.00153	.00120

IA310 (AEDC 16TF-783) FAIRING-OFF DATABASE (TCMO38) ( 04 OCT 91 )

PARAMETRIC DATA

BETA = 2.000 PHI = 180.000

RUN NO. 1347/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
.800	-7.919	2.18161	165.39970	-.31700	-.09596	.09068	-.02745	.76923	1.47916	-.03032
.800	-6.895	2.17272	163.40010	-.27633	-.08318	.09038	-.02721	.77624	1.48921	-.02386
.800	-5.889	2.17225	160.76800	-.23609	-.07061	.08893	-.02660	.78220	1.49786	-.01769
.800	-4.881	2.16562	157.26430	-.19469	-.05794	.08791	-.02616	.78741	1.50552	-.01251
.801	-3.865	2.15252	152.33490	-.15425	-.04577	.08731	-.02591	.79211	1.51248	-.00851
.800	-2.851	2.13575	144.93040	-.11343	-.03352	.08606	-.02543	.79489	1.51665	-.00522
.800	-1.828	2.10295	133.44880	-.07247	-.02136	.08323	-.02454	.79700	1.51982	-.00299
.800	-.810	2.04021	114.97830	-.03211	-.00946	.08070	-.02377	.79843	1.52197	-.00181
.800	.191	1.95569	88.35043	.00636	.00187	.07785	-.02291	.79886	1.52263	-.00126
.800	1.155	1.89509	62.23575	.04441	.01306	.07623	-.02242	.79882	1.52256	-.00095
.799	2.140	1.83716	43.44679	.08399	.02468	.07496	-.02203	.79852	1.52210	-.00089
GRADIENT		-.04956	-16.97850	.03962	.01174	-.00205	-.00065	.00148	.00222	.00157

RUN NO. 1337/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
.900	-7.896	2.24720	164.96770	-.30199	-.10442	.09007	-.03114	.87071	1.63905	-.03167
.900	-6.892	2.19005	163.32150	-.26455	-.09085	.08611	-.02957	.87683	1.64973	-.02482
.900	-5.884	2.18267	160.72850	-.22584	-.07708	.08525	-.02909	.88261	1.65992	-.01851
.900	-4.866	2.17520	157.18500	-.18628	-.06328	.08426	-.02863	.88786	1.66930	-.01325
.900	-3.856	2.16575	152.21620	-.14774	-.04998	.08357	-.02827	.89183	1.67645	-.00894
.900	-2.837	2.14673	144.83180	-.10826	-.03650	.08208	-.02767	.89507	1.68231	-.00550
.900	-1.812	2.10747	133.29000	-.06900	-.02321	.07961	-.02677	.89726	1.68629	-.00305
.900	-.794	2.04291	114.74040	-.03051	-.01025	.07722	-.02593	.89840	1.68837	-.00173
.900	.206	1.95536	88.11246	.00623	.00209	.07452	-.02501	.89891	1.68930	-.00123
.900	1.169	1.88829	61.99783	.04277	.01435	.07288	-.02446	.89924	1.68991	-.00090
.900	2.144	1.83032	43.44672	.07999	.02683	.07147	-.02398	.89931	1.69004	-.00073
GRADIENT		-.05254	-16.98892	.03792	.01282	-.00199	-.00072	.00154	.00280	.00169

RUN NO. 1326/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
1.099	-7.940	2.05302	165.87120	-.27453	-.11256	.07401	-.03035	1.07278	2.06391	-.03276
1.100	-6.917	2.04965	163.91240	-.24007	-.09778	.07331	-.02986	1.07900	2.07943	-.02565
1.101	-5.915	2.04933	161.39980	-.20542	-.08316	.07215	-.02921	1.08495	2.09443	-.01910
1.100	-4.909	2.04093	158.01540	-.17029	-.06857	.07139	-.02875	1.08900	2.10468	-.01375
1.100	-3.914	2.03424	153.24540	-.13548	-.05429	.07108	-.02848	1.09269	2.11409	-.00900
1.100	-2.910	2.01747	146.09930	-.09994	-.03991	.06994	-.02793	1.09564	2.11409	-.00548
1.100	-1.907	2.00322	134.75690	-.06518	-.02597	.06818	-.02716	1.09779	2.12174	-.00304
1.100	-.921	1.97667	116.64410	-.03117	-.01240	.06724	-.02675	1.09870	2.12949	-.00171
1.100	.066	1.95670	90.17535	.00109	.00043	.06721	-.02673	1.09942	2.13136	-.00105
1.100	1.035	1.95147	63.94147	.03440	.01368	.06778	-.02694	1.09912	2.13058	-.00096
1.100	2.039	1.94046	45.11168	.06897	.02741	.06815	-.02708	1.09901	2.13031	-.00081
GRADIENT		-.01592	-17.06296	.03435	.01376	-.00058	-.00028	.00138	.00353	.00175

(TCMO38) ( 04 OCT 91 )

## PARAMETRIC DATA

BETA = 2.000 PHI = 180.000

RUN NO. 1372/ O RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
1.249	-7.933	2.14780	165.51740	-.28238	-.12499	.07904	.03499	1.22068	2.46830	-.03498
1.250	-6.901	2.14562	163.47890	-.24685	-.10847	.07903	.03472	1.22717	2.48765	-.02731
1.250	-5.895	2.14015	160.88600	-.21146	-.09225	.07794	.03400	1.23357	2.50688	-.01981
1.251	-4.885	2.13631	157.38270	-.17406	-.07558	.07685	.03337	1.23842	2.52152	-.01478
1.250	-3.881	2.12782	152.49340	-.13791	-.05962	.07647	.03306	1.24093	2.52913	-.01071
1.250	-2.865	2.10981	145.18850	-.10116	-.04359	.07534	.03246	1.24485	2.54104	-.00692
1.250	-1.850	2.07878	133.76600	-.06503	-.02793	.07306	.03138	1.24633	2.54553	-.00411
1.250	-.841	2.03106	115.33550	-.02988	-.01281	.07153	.03067	1.24759	2.54940	-.00247
1.250	.160	1.96011	88.74725	-.00456	.00196	.07020	.03008	1.24822	2.55130	-.00183
1.249	1.132	1.91878	62.63231	.03878	.01661	.06930	.02968	1.24809	2.55091	-.00157
1.250	2.124	1.86699	43.80339	.07399	.03171	.06742	.02889	1.24826	2.55142	-.00174
GRADIENT		-.04065	-16.98076	.03529	.01525	-.00141	-.00067	.00138	.00420	.00183

RUN NO. 1383/ O RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
1.400	-7.936	2.13039	165.59610	-.31119	-.14506	.08930	.04163	1.36894	2.94190	-.03611
1.400	-6.910	2.12965	163.55770	-.27296	-.12623	.08831	.04084	1.37645	2.96761	-.02772
1.400	-5.900	2.12498	160.96500	-.23359	-.10730	.08716	.04004	1.38194	2.98651	-.02091
1.400	-4.897	2.12238	157.46170	-.19352	-.08840	.08565	.03913	1.38661	3.00262	-.01532
1.400	-3.883	2.11214	152.57240	-.15403	-.07003	.08541	.03885	1.39105	3.01802	-.01045
1.400	-2.875	2.09699	145.30730	-.11217	-.05080	.08423	.03813	1.39431	3.02938	-.00660
1.400	-1.860	2.07010	133.88500	-.07162	-.03237	.08126	.03672	1.39580	3.03455	-.00444
1.400	-.854	2.02591	115.53380	-.03314	-.01496	.07943	.03585	1.39702	3.03884	-.00312
1.400	.146	1.96179	88.98523	.00499	.00225	.07802	.03518	1.39814	3.04274	-.00226
1.399	1.119	1.92655	62.83060	.04263	.01922	.07722	.03481	1.39743	3.04025	-.00219
1.400	2.113	1.87936	44.00159	.08144	.03671	.07502	.03382	1.39846	3.04386	-.00179
GRADIENT		-.03654	-16.97136	.03919	.01781	-.00161	-.00080	.00152	.00529	.00179

RUN NO. 1395/ O RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
1.449	-7.907	2.23943	165.20300	-.32670	-.15448	.09684	.04579	1.41730	3.11021	-.03720
1.449	-6.875	2.24120	163.08490	-.28634	-.13437	.09636	.04522	1.42368	3.13291	-.02937
1.450	-5.863	2.22806	160.49130	-.24513	-.11432	.09453	.04409	1.42961	3.15409	-.02294
1.450	-4.848	2.22401	156.86850	-.20250	-.09392	.09314	.04320	1.43546	3.17513	-.01709
1.450	-3.831	2.20999	151.85970	-.16174	-.07456	.09343	.04307	1.44071	3.19406	-.01094
1.450	-2.807	2.18973	144.39590	-.11713	-.05377	.09200	.04223	1.44450	3.20776	-.00672
1.450	-1.777	2.14427	132.77460	-.07353	-.03372	.08873	.04069	1.44477	3.20876	-.00582
1.450	-.748	2.06542	114.06600	-.03194	-.01463	.08602	.03939	1.44590	3.21285	-.00439
1.450	.258	1.95410	87.35870	.00899	.00411	.08262	.03779	1.44732	3.21800	-.00309
1.450	1.219	1.86965	61.32343	.04835	.02211	.07990	.03654	1.44710	3.21720	-.00308
1.449	2.188	1.78887	42.77289	.08879	.04062	.07618	.03485	1.44640	3.21468	-.00344
GRADIENT		-.06515	-16.96911	.04143	.01910	-.00256	-.00125	.00140	.00507	.00175

(TCMO38) ( 04 OCT 91 )

PARAMETRIC DATA

BETA = 2.000 PHI = 180.000

MACH	ALPHA	BETA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
1.471	-7.914	2.22339	165.24230	-.34075	-.16137	.09923	.04699	1.44201	3.19877	-.03785
1.471	-6.874	2.21878	163.16350	-.30013	-.14081	.09894	.04642	1.45010	3.22811	-.02846
1.471	-5.871	2.21453	160.53090	-.25587	-.11940	.09814	.04580	1.45519	3.24670	-.02256
1.471	-4.859	2.20491	156.98720	-.21187	-.09836	.09637	.04474	1.45939	3.26208	-.01765
1.471	-3.843	2.19372	151.97860	-.16760	-.07744	.09637	.04453	1.46328	3.27635	-.01300
1.471	-2.823	2.17372	144.55450	-.12165	-.05606	.09529	.04391	1.46600	3.28637	-.01022
1.471	-1.794	2.13508	132.89370	-.07716	-.03546	.09337	.04290	1.46837	3.29513	-.00747
1.471	-.767	2.05596	114.30410	-.03306	-.01519	.08983	.04126	1.46852	3.29566	-.00707
1.471	.237	1.95972	87.63644	.00971	.00446	.08569	.03936	1.46863	3.29605	-.00717
1.471	1.199	1.87997	61.60106	.05064	.02324	.08314	.03815	1.46981	3.30043	-.00591
1.471	2.176	1.80802	42.97096	.09247	.04241	.07965	.03653	1.47021	3.30189	-.00536
	GRADIENT	-.05973	-16.96262	.04323	.01997	-.00254	-.00123	.00138	.00508	.00155

RUN NO. 1439/ O RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
1.496	-7.918	2.21002	165.28150	-.35291	-.16779	.09963	.04737	1.46847	3.29547	-.03596
1.496	-6.885	2.20375	163.24240	-.31224	-.14841	.10193	.04845	1.46890	3.29707	-.03562
1.496	-5.877	2.19967	160.60980	-.26989	-.12648	.10120	.04743	1.48119	3.34267	-.02116
1.496	-4.860	2.19087	157.06630	-.22328	-.10463	.10000	.04686	1.48119	3.34266	-.02107
1.496	-3.851	2.18137	152.09750	-.17806	-.08343	.10022	.04696	1.48120	3.34272	-.02108
1.496	-2.829	2.15886	144.71290	-.13011	-.06017	.10009	.04629	1.49286	3.38637	-.00783
1.496	-1.803	2.12108	133.09190	-.08376	-.03869	.09859	.04553	1.49412	3.39110	-.00649
1.496	-.781	2.05135	114.50240	-.03711	-.01714	.09637	.04450	1.49403	3.39076	-.00635
1.496	.222	1.96204	87.87442	.00886	.00409	.09305	.04298	1.49443	3.39226	-.00647
1.496	1.186	1.88833	61.79938	.05352	.02472	.09004	.04159	1.49393	3.39037	-.00644
1.496	2.167	1.81991	43.12949	.09760	.04507	.08613	.03978	1.49425	3.39159	-.00640
	GRADIENT	-.05574	-16.97437	.04574	.02133	-.00202	-.00103	.00190	.00711	.00214

RUN NO. 1406/ O RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
1.518	-7.914	2.1623	165.32100	-.40704	-.19237	.11747	.05552	1.49937	3.41091	-.02847
1.518	-6.885	2.20532	163.24260	-.36911	-.17441	.11927	.05635	1.50026	3.41425	-.02812
1.518	-5.877	2.20175	160.61010	-.31588	-.14926	.11969	.05656	1.50040	3.41479	-.02806
1.518	-4.862	2.18926	157.10590	-.26388	-.12481	.11849	.05605	1.49917	3.41015	-.02877
1.518	-3.851	2.18306	152.09760	-.21039	-.09949	.12162	.05752	1.49922	3.41034	-.02861
1.518	-2.830	2.15874	144.75260	-.15039	-.07111	.11678	.05522	1.50045	3.41497	-.02820
1.518	-1.803	2.12161	133.13160	-.09724	-.04597	.10991	.05196	1.50045	3.41497	-.02818
1.517	-.783	2.05717	114.54210	-.04308	-.02038	.10129	.04792	1.49804	3.41309	-.02911
1.517	.224	1.95730	87.87444	.00641	.00303	.09410	.04449	1.49877	3.40587	-.02883
1.518	1.185	1.88431	61.83908	.05281	.02495	.09421	.04452	1.49971	3.41218	-.02831
1.518	2.165	1.81558	43.12965	.10610	.05015	.09524	.04502	1.49957	3.41165	-.02859
	GRADIENT	-.05640	-16.97750	.05241	.02478	-.00446	-.00211	-.00002	-.00008	-.00000

RUN NO. 1429/ O RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

IA310 (AEDC 16TF-783) FAIRING-OFF DATABASE (TCM038) ( 04 OCT 91 )

## PARAMETRIC DATA

BETA = 2.000 PHI = 180.000

RUN NO. 1418/ O RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
1.543	-7.916	2.21208	165.28180	-.39205	-.18563	.11584	.05485	1.52790	3.51980	-.02467
1.542	-6.884	2.20450	163.24250	-.33214	-.15727	.11155	.05282	1.52716	3.51695	-.02488
1.543	-5.876	2.20035	160.60990	-.27615	-.13075	.10881	.05152	1.52764	3.51880	-.02472
1.543	-4.865	2.19329	157.06650	-.21851	-.10347	.10086	.04776	1.52792	3.51988	-.02462
1.543	-3.851	2.18168	152.09750	-.16558	-.07846	.09305	.04409	1.52758	3.51859	-.02487
1.543	-2.829	2.15959	144.71300	-.11684	-.05537	.08469	.04013	1.52770	3.51902	-.02473
1.543	-1.804	2.12085	133.13150	-.07425	-.03519	.07754	.03675	1.52720	3.51711	-.02486
1.543	-.780	2.05229	114.50240	-.03518	-.01666	.07445	.03527	1.52746	3.51812	-.02477
1.543	.223	1.95702	87.87444	.00116	.00055	.07169	.03396	1.52739	3.51784	-.02482
1.543	1.187	1.88884	61.83899	.03659	.01733	.07129	.03377	1.52754	3.51842	-.02489
1.542	2.165	1.81583	43.12964	.07475	.03542	.07158	.03392	1.52666	3.51503	-.02513
GRADIENT		-.05643	-16.96577	.04089	.01937	-.00422	-.00200	-.00011	-.00044	-.00004

IA310 (AEDC 16TF-783) FAIRING-OFF DATABASE (TCM039) ( 04 OCT 91 )

## PARAMETRIC DATA

BETA = 3.000 PHI = 180.000

RUN NO. 1359/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
.600	-7.870	3.24587	158.69650	-.33086	-.06694	.14084	.02849	.56834	1.24496	-.02441
.600	-6.847	3.24028	155.89610	-.28791	-.05794	.13985	.02815	.57511	1.25131	-.01918
.600	-5.836	3.22751	152.42260	-.24483	-.04907	.13902	.02787	.58113	1.25704	-.01466
.601	-4.820	3.21729	147.84070	-.20009	-.04003	.13745	.02750	.58676	1.26246	-.01087
.601	-3.798	3.19584	141.75380	-.15832	-.03161	.13520	.02700	.59112	1.26672	-.00780
.600	-2.772	3.16450	133.41010	-.11616	-.02310	.13394	.02663	.59422	1.26977	-.00497
.601	-1.746	3.11798	121.89900	-.07323	-.01453	.13044	.02588	.59640	1.27192	-.00315
.601	-.728	3.04728	106.54740	-.03017	-.00598	.12713	.02521	.59801	1.27352	-.00209
.601	.283	2.96712	87.90909	.01076	.00214	.12330	.02448	.59845	1.27396	-.00210
.601	1.256	2.89045	69.74646	.05061	.01004	.12101	.02400	.59893	1.27443	-.00160
.601	2.230	2.83468	54.63287	.09202	.01824	.11991	.02376	.59861	1.27412	-.00157
GRADIENT		-.05732	-13.71042	.04143	.00826	-.00270	-.00057	.00161	.00159	.00125

IA310 (AEDC 16TF-783) FAIRING-OFF DATABASE (TCM039) ( 04 OCT 91 )

## PARAMETRIC DATA

BETA = 3.000 PHI = 180.000

RUN NO. 1348/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
.800	-7.894	3.17322	158.93270	-.31718	-.09618	.13262	-.04022	.76688	1.47582	-.03244
.800	-6.871	3.16558	156.17210	-.27591	-.08317	.13068	.03939	.77381	1.48570	-.02586
.800	-5.863	3.15900	152.69930	-.23585	-.07070	.12979	.03891	.78000	1.49465	-.01988
.800	-4.855	3.14850	148.19720	-.19387	-.05783	.12875	.03841	.78583	1.50319	-.01446
.800	-3.840	3.13313	142.15060	-.15301	-.04546	.12704	.03774	.78999	1.50934	-.01033
.800	-2.821	3.10603	133.88660	-.11308	-.03347	.12552	.03715	.79340	1.51441	-.00675
.800	-1.811	3.06982	122.53480	-.07210	-.02128	.12355	.03647	.79580	1.51800	-.00424
.800	-.799	3.02249	107.18370	-.03220	-.00949	.12046	.03550	.79727	1.52022	-.00277
.800	.208	2.96561	88.58531	.00686	.00202	.11827	.03483	.79792	1.52120	-.00200
.800	1.184	2.91326	70.38281	.04587	.01350	.11687	.03440	.79802	1.52135	-.00174
.800	2.163	2.87405	55.22917	.08573	.02523	.11597	.03413	.79800	1.52133	-.00177
GRADIENT		-.04133	-13.74879	.03973	.01179	-.00196	-.00065	.00167	.00249	.00175

RUN NO. 1338/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
.900	-7.891	3.18554	158.89330	-.30274	-.10494	.12717	.04408	.86859	1.63538	-.03410
.900	-6.864	3.17619	156.13250	-.26389	-.09083	.12469	.04292	.87492	1.64639	-.02699
.900	-5.856	3.17340	152.62030	-.22568	-.07722	.12392	.04240	.88051	1.65620	-.02092
.900	-4.840	3.15683	148.11760	-.18579	-.06322	.12313	.04190	.88587	1.66573	-.01520
.900	-3.827	3.14063	142.07100	-.14635	-.04957	.12201	.04133	.89033	1.67373	-.01044
.900	-2.811	3.11857	133.76760	-.10768	-.03636	.12039	.04065	.89385	1.68009	-.00693
.900	-1.792	3.07562	122.33620	-.06859	-.02309	.11831	.03983	.89576	1.68355	-.00442
.900	-.782	3.02609	106.98510	-.03023	-.01016	.11526	.03874	.89744	1.68662	-.00272
.900	.223	2.96316	88.42636	.00704	.00236	.11320	.03802	.89760	1.68691	-.00224
.900	1.198	2.91203	70.26349	.04439	.01491	.11170	.03750	.89830	1.68820	-.00170
.900	2.177	2.86409	55.07037	.08233	.02764	.11080	.03720	.89818	1.68797	-.00179
GRADIENT		-.04391	-13.75583	.03809	.01289	-.00193	-.00072	.00165	.00299	.00182

RUN NO. 1327/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PHI	CPAQ	CPALPH	CPBO	CPBETA	MPROBE	CPM	CPTD
1.099	-7.937	3.04514	159.40490	-.27543	-.11321	.10891	.04476	1.07052	2.05831	-.03543
1.100	6.912	3.04238	156.68500	-.23988	-.09794	.10840	.04426	1.07712	2.07473	-.02808
1.100	-5.909	3.04013	153.29260	-.20587	-.08352	.10762	.04366	1.08278	2.08893	-.02139
1.100	-4.904	3.03260	148.87030	-.17052	-.06878	.10687	.04311	1.08760	2.10112	-.01550
1.100	-3.904	3.02058	142.98320	-.13529	-.05432	.10611	.04260	1.09138	2.11075	-.01079
1.100	-2.917	2.99453	134.87830	-.10098	-.04040	.10464	.04186	1.09433	2.11827	-.00726
1.100	-1.896	2.90786	123.29050	-.06513	-.02598	.10390	.04146	1.09624	2.12316	-.00464
1.100	-.924	2.96669	108.37610	-.03135	-.01249	.10199	.04063	1.09775	2.12705	-.00301
1.100	.079	2.96136	89.77826	.00177	.00070	.10160	.04043	1.09818	2.12816	-.00206
1.100	1.067	2.95346	71.49614	.03558	.01415	.10212	.04052	1.09834	2.12856	-.00176
1.100	2.057	2.94431	56.30206	.07041	.02800	.10251	.04077	1.09806	2.12786	-.00180
GRADIENT		-.01309	-13.82970	.03451	.01385	-.00074	-.00038	.00145	.00371	.00190



(TCM039) ( 04 OCT 91 )

PARAMETRIC DATA

BETA = 3.000 PHI = 180.000

RUN NO. 1373/ O RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
1.249	-7.914	3.14099	159.05080	-.28274	-.12541	.11537	.05117	1.21878	2.46266	-.03721
1.250	-6.882	3.13949	156.25100	-.24571	-.10825	.11571	.05098	1.22525	2.48192	-.02997
1.250	-5.876	3.12980	152.81790	-.21092	-.09226	.11464	.05014	1.23158	2.50087	-.02244
1.250	-4.869	3.11924	148.31580	-.17409	-.07568	.11335	.04928	1.23656	2.51587	-.01624
1.250	-3.858	3.11225	142.26990	-.13713	-.05940	.11143	.04877	1.23998	2.52624	-.01241
1.250	-2.845	3.08415	134.08530	-.10081	-.04351	.11069	.04777	1.24289	2.53506	-.00880
1.250	-1.834	3.05744	122.65440	-.06446	-.02773	.10891	.04686	1.24521	2.54214	-.00579
1.250	-.828	3.01265	107.42250	-.02903	-.01247	.10649	.04573	1.24669	2.54664	-.00381
1.250	.177	2.97004	88.86374	.00559	.00240	.10485	.04498	1.24740	2.54880	-.00290
1.250	1.157	2.93378	70.70062	.04032	.01729	.10410	.04465	1.24773	2.54981	-.00274
1.250	2.146	2.90188	55.46727	.07572	.03248	.10375	.04450	1.24765	2.54957	-.00267
GRADIENT		-.03323	-13.74155	.03549	.01535	-.00147	-.00072	.00156	.00475	.00194

RUN NO. 1384/ O RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
1.400	-7.924	3.12546	159.12990	-.31126	-.14552	.12827	.05997	1.36645	2.93341	-.03914
1.400	-6.889	3.12279	156.32990	-.27228	-.12622	.12805	.05936	1.37417	2.95977	-.03024
1.400	-5.884	3.11429	152.89690	-.23321	-.10734	.12719	.05854	1.38040	2.98119	-.02293
1.400	-4.877	3.10666	148.39500	-.19287	-.08829	.12534	.05737	1.38484	2.99650	-.01739
1.400	-3.871	3.09589	142.38860	-.15291	-.06965	.12465	.05677	1.38953	3.01274	-.01224
1.400	-2.858	3.07986	134.12530	-.11262	-.05107	.12318	.05585	1.39370	3.02725	-.00765
1.400	-1.846	3.04980	122.77370	-.07181	-.03249	.12120	.05483	1.39552	3.03360	-.00541
1.400	-.842	3.01401	107.54190	-.03211	-.01450	.11822	.05339	1.39712	3.03917	-.00366
1.400	.162	2.97615	89.02272	.00675	.00305	.11691	.05275	1.39757	3.04075	-.00281
1.399	1.144	2.93864	70.81995	.04496	.02027	.11594	.05229	1.39737	3.04005	-.00238
1.400	2.136	2.90943	55.54681	.08430	.03801	.11582	.05223	1.39798	3.04218	-.00220
GRADIENT		-.02983	-13.74271	.03951	.01798	-.00157	-.00082	.00172	.00598	.00204

RUN NO. 1397/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
1.449	-7.881	3.23255	158.73580	-.32700	-.15499	.13873	.06576	1.41471	3.10102	-.03977
1.452	-6.841	3.22646	155.89540	-.28595	-.13460	.13776	.06484	1.42384	3.13350	-.03191
1.450	-5.831	3.21392	152.42210	-.24430	-.11417	.13706	.06406	1.42874	3.15098	-.02487
1.450	-4.816	3.20246	147.84020	-.20136	-.09357	.13437	.06244	1.43358	3.16836	-.01904
1.450	-3.797	3.18085	141.75350	-.15954	-.07380	.13384	.06191	1.43756	3.18269	-.01438
1.450	-2.771	3.15369	133.37040	-.11718	-.05386	.13334	.06129	1.44296	3.20221	-.00811
1.450	-1.750	3.10909	121.85950	-.07375	-.03380	.13065	.05988	1.44482	3.20893	-.00534
1.450	-.735	3.04529	106.50810	-.03100	-.01420	.12684	.05810	1.44602	3.21327	-.00451
1.450	.274	2.96545	87.94916	.01030	.00472	.12380	.05668	1.44656	3.21525	-.00405
1.450	1.248	2.89360	69.78650	.05075	.02322	.12194	.05580	1.44651	3.21506	-.00360
1.449	2.224	2.83959	54.67285	.09195	.04202	.12171	.05563	1.44728	3.21787	-.00246
GRADIENT		-.05432	-13.72689	.04170	.01925	-.00213	-.00111	.00181	.00655	.00217

(TCM039) ( 04 OCT 91 )

IA310 (AEDC 16TF-783) FAIRING-OFF DATABASE

PARAMETRIC DATA

BETA = 3.000 PHI = 180.000

RUN NO. 1440/ O RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
1.471	-7.885	3.21516	158.77510	-.33982	-.16127	.14316	.06794	1.43951	3.18974	-.04067
1.471	-6.853	3.20767	155.97450	-.29837	-.14037	.14290	.06723	1.44796	3.22033	-.03123
1.471	-5.839	3.19464	152.50110	-.25547	-.11933	.14140	.06604	1.45141	3.24273	-.02378
1.471	-4.824	3.18519	147.91950	-.21078	-.09800	.14008	.06513	1.45833	3.25819	-.01901
1.471	-3.813	3.16553	141.87270	-.16614	-.07690	.13921	.06443	1.46213	3.27211	-.01444
1.471	-2.791	3.13945	133.52930	-.12067	-.05566	.13764	.06349	1.46553	3.28464	-.01087
1.471	-1.767	3.09646	122.01850	-.07650	-.03521	.13544	.06234	1.46738	3.29146	-.00886
1.471	-.755	3.03759	106.70690	-.03216	-.01477	.13286	.06101	1.46892	3.29716	-.00679
1.470	.256	2.96506	88.06868	.01132	.00519	.12958	.05946	1.46926	3.29840	-.00611
1.471	1.229	2.90484	69.94550	.05321	.02440	.12723	.05835	1.46993	3.30088	-.00560
1.471	2.209	2.85516	54.79199	.09504	.04359	.12544	.05754	1.46993	3.30087	-.00581
GRADIENT		-.04955	-13.73449	.04348	.02011	-.00223	-.00115	.00158	.00580	.00181

RUN NO. 1407/ O RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
1.496	-7.892	3.19719	158.85380	-.35184	-.16754	.14543	.06925	1.46671	3.28900	-.03784
1.496	-6.856	3.18916	156.05320	-.30952	-.14720	.14665	.06974	1.46825	3.29466	-.03645
1.496	-5.845	3.18436	152.54080	-.26789	-.12569	.14839	.06962	1.48031	3.33938	-.02250
1.496	-4.833	3.17332	147.99880	-.22215	-.10368	.14648	.06836	1.48503	3.35699	-.01703
1.496	-3.821	3.15685	141.95220	-.17578	-.08206	.14508	.06773	1.48461	3.35544	-.01735
1.496	-2.798	3.12736	133.64840	-.12950	-.06045	.14545	.06789	1.48477	3.35602	-.01722
1.495	-1.781	3.08934	122.17740	-.08247	-.03849	.14359	.06701	1.48433	3.35438	-.01710
1.496	-.768	3.03495	106.82620	-.03517	-.01642	.14116	.06590	1.48482	3.35623	-.01713
1.496	.241	2.96694	88.22766	.01061	.00495	.13879	.06480	1.48475	3.35595	-.01729
1.496	1.216	2.91124	70.10442	.05565	.02598	.13640	.06369	1.48456	3.35524	-.01741
1.496	2.194	2.86077	54.95099	.10035	.04685	.13460	.06284	1.48450	3.35504	-.01736
GRADIENT		-.04671	-13.73804	.04594	.02145	-.00176	-.00082	-.00004	-.00015	-.00003

RUN NO. 1430/ O RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
1.517	-7.894	3.19424	158.89340	-.40358	-.19092	.16814	.07954	1.49832	3.40691	-.02924
1.518	-6.856	3.19149	156.05350	-.36462	-.17245	.17226	.08147	1.49929	3.41058	-.02904
1.518	-5.846	3.18206	152.58050	-.31594	-.14935	.17201	.08131	1.49946	3.41124	-.02859
1.518	-4.834	3.17165	148.03850	-.26002	-.12294	.17160	.08114	1.49912	3.40994	-.02859
1.518	-3.816	3.15519	141.95210	-.20743	-.09810	.17381	.08220	1.49949	3.41135	-.02885
1.518	-2.798	3.12867	133.64850	-.15017	-.07104	.17198	.08136	1.49893	3.40922	-.02914
1.518	-1.780	3.09069	122.17750	-.09349	-.04420	.16377	.07742	1.50022	3.41411	-.02842
1.517	-.767	3.03054	106.86580	-.04117	-.01946	.16221	.07291	1.49933	3.41411	-.02848
1.518	.238	2.96256	88.30699	.00839	.00397	.15139	.07157	1.49989	3.41286	-.02869
1.517	1.216	2.90641	70.10452	.05845	.02764	.14802	.07000	1.49836	3.40708	-.02928
1.517	2.194	2.86198	54.99062	.11153	.05274	.14978	.07083	1.49792	3.40544	-.02923
GRADIENT		-.04695	-13.73852	.05278	.02496	-.00418	-.00198	-.00014	-.00053	-.00006

IA310 (AEDC 16TF-783) FAIRING-OFF DATABASE (TCM039) ( 04 OCT 91 )

## PARAMETRIC DATA

BETA = 3.000 PHI = 180.000  
RUN NO. 1420/ O RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPID
1.543	-7.891	3.19840	158.85390	-.39889	-.18907	.16719	.07925	1.52662	3.51487	-.02550
1.543	-6.859	3.19228	156.05350	-.33517	-.15880	.16044	.07601	1.52725	3.51729	-.02500
1.543	-5.844	3.18477	152.54090	-.28173	-.13344	.15936	.07548	1.52764	3.51879	-.02468
1.543	-4.834	3.17048	148.03830	-.22303	-.10564	.15039	.07124	1.52766	3.51886	-.02468
1.543	-3.820	3.15665	141.95220	-.17105	-.08104	.14020	.06642	1.52755	3.51844	-.02482
1.543	-2.798	3.12714	133.64840	-.12170	-.05765	.12918	.06119	1.52753	3.51840	-.02470
1.543	-1.780	3.08959	122.17740	-.07736	-.03665	.12061	.05714	1.52745	3.51809	-.02492
1.543	-.767	3.03533	106.82620	-.03726	-.01765	.11530	.05463	1.52759	3.51860	-.02492
1.543	.240	2.96733	88.26733	.00099	.00047	.11239	.05325	1.52728	3.51742	-.02498
1.543	1.215	2.90612	70.10452	.03858	.01828	.11288	.05349	1.52746	3.51812	-.02512
1.543	2.193	2.86166	54.99063	.07932	.03757	.11556	.05474	1.52779	3.51939	-.02464
GRADIENT		-.04667	-13.73704	.04230	.02004	-.00518	-.00245	-.00000	-.00001	-.00002

IA310 (AEDC 16TF-783) FAIRING-OFF DATABASE (TCM040) ( 04 OCT 91 )

## PARAMETRIC DATA

BETA = 4.000 PHI = 180.000  
RUN NO. 1360/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPID
.599	-7.846	4.23771	152.74410	-.33134	-.06707	.18379	.03720	.56507	1.24193	-.02644
.600	-6.821	4.22102	149.45900	-.28646	-.05779	.18139	.03659	.57233	1.24869	-.02137
.600	-5.807	4.21049	145.38300	-.24345	-.04891	.18067	.03630	.57828	1.25432	-.01688
.600	-4.791	4.19419	140.27750	-.20033	-.04007	.17912	.03583	.58347	1.25929	-.01274
.600	-3.770	4.16931	133.78590	-.15699	-.03132	.17630	.03517	.58816	1.26382	-.00939
.601	-2.748	4.13489	125.51270	-.11453	-.02281	.17450	.03475	.59207	1.26765	-.00663
.601	-1.729	4.08650	115.10170	-.07217	-.01436	.17092	.03400	.59415	1.26970	-.00514
.600	-.717	4.03335	102.47360	-.03014	-.00598	.16913	.03357	.59605	1.27157	-.00347
.600	.292	3.96908	88.30133	.01121	.00222	.16701	.03309	.59673	1.27225	-.00260
.600	1.274	3.90964	74.40704	.05237	.01038	.16448	.03261	.59599	1.27251	-.00265
.601	2.252	3.85647	61.97815	.09385	.01864	.16229	.03223	.59703	1.27254	-.00301
GRADIENT		-.04973	-11.44020	.04164	.00830	-.00238	-.00051	.00184	.00180	.00137

IA310 (AEDC 16TF-783) FAIRING-OFF DATABASE (TCM040) ( 04 OCT 91 )

PARAMETRIC DATA

BETA = 4.000 PHI = 180.000

RUN NO. 1349/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PHI	CPAQ	CPALPH	CPBO	CPBETA	MPROBE	CPM	CPTD
.800	-7.878	4.15928	153.02010	-.31656	-.09628	.17457	.05309	.76365	1.47125	-.03558
.799	-6.856	4.14817	149.73580	-.27536	-.08316	.17147	.05179	.77044	1.48088	-.02865
.800	-5.842	4.14164	145.66040	-.23556	-.07074	.17062	.05124	.77711	1.49046	-.02237
.800	-4.833	4.12929	140.59520	-.19410	-.05802	.16855	.05038	.78267	1.49856	-.01716
.800	-3.822	4.10855	134.18370	-.15267	-.04543	.16690	.04966	.78766	1.50588	-.01231
.800	-2.809	4.08473	125.95100	-.11148	-.03307	.16531	.04904	.79140	1.51143	-.00888
.800	-1.795	4.05244	115.54060	-.07176	-.02122	.16314	.04824	.79351	1.51459	-.00633
.800	-.216	4.01214	102.99240	-.03119	-.00921	.16122	.04759	.79528	1.51723	-.00459
.800	1.200	3.97119	88.82018	.00862	.00254	.15948	.04701	.79600	1.51831	-.00356
.800	2.182	3.93057	74.92563	.04755	.01403	.15767	.04650	.79650	1.51906	-.00349
.800	GRADIENT	-.03493	-11.46822	.04005	.01190	-.00175	-.00061	.00183	.00273	-.00188

RUN NO. 1339/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PHI	CPAQ	CPALPH	CPBO	CPBETA	MPROBE	CPM	CPTD
.900	-7.870	4.16930	152.98040	-.30296	-.10534	.16653	.05790	.86534	1.62978	-.03745
.899	-6.842	4.16110	149.65650	-.26308	-.09078	.16452	.05677	.87184	1.64101	-.02998
.900	-5.832	4.14977	145.62050	-.22500	-.07719	.16356	.05611	.87786	1.65153	-.02370
.900	-4.818	4.13752	140.51550	-.18591	-.06343	.16172	.05517	.88325	1.66106	-.01794
.900	-3.806	4.11896	134.06440	-.14604	-.04959	.15971	.05424	.88796	1.66948	-.01300
.900	-2.795	4.09411	125.83170	-.10672	-.03612	.15838	.05360	.89148	1.67581	-.00937
.900	-1.770	4.05740	115.42110	-.06823	-.02303	.15626	.05274	.89420	1.68072	-.00655
.900	-.234	4.01781	102.83320	-.02956	-.00996	.15439	.05200	.89553	1.68315	-.00480
.900	1.214	3.96661	88.66095	.00857	.00288	.15276	.05138	.89621	1.68438	-.00376
.900	2.199	3.92308	74.80620	.04602	.01548	.15116	.05083	.89676	1.68539	-.00331
.900	GRADIENT	-.03759	-11.47068	.03840	.02839	.15008	.05046	.89672	1.68532	-.00325

RUN NO. 1328/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PHI	CPAQ	CPALPH	CPBO	CPBETA	MPROBE	CPM	CPTD
1.099	-7.928	4.04299	153.41480	-.27604	-.11383	.14476	.05969	1.06759	2.05107	-.03887
1.100	-6.901	4.03211	150.17070	-.23978	-.09817	.14398	.05895	1.07470	2.06870	-.03094
1.100	-5.904	4.03282	146.17610	-.20565	-.08366	.14365	.05844	1.08018	2.08240	-.02431
1.100	-4.898	4.01806	141.23030	-.17032	-.06890	.14277	.05775	1.08532	2.09534	-.01834
1.101	-3.898	4.01237	134.85990	-.13554	-.05456	.14067	.05663	1.08952	2.10600	-.01338
1.100	-2.902	4.00000	126.74720	-.10031	-.04021	.14045	.05630	1.09231	2.11310	-.00941
1.100	-1.906	3.98505	116.45690	-.06590	-.02634	.13913	.05561	1.09419	2.11792	-.00673
1.100	-.926	3.97120	103.94910	-.03079	-.01229	.13820	.05515	1.09598	2.12250	-.00482
1.100	.093	3.96320	89.57890	.00342	.00136	.13768	.05487	1.09672	2.12441	-.00371
1.100	1.092	3.95126	75.68425	.03796	.01512	.13748	.05477	1.09685	2.12474	-.00333
1.100	2.068	3.94323	63.37335	.07249	.02889	.13747	.05479	1.09692	2.12492	-.00370
1.100	GRADIENT	-.01140	-11.53209	.03482	.01400	-.00074	-.00042	.00159	.00405	-.00205

IA310 (AEDC 16TF-783) FAIRING-OFF DATABASE

(TCM040) ( 04 OCT 91 )

PARAMETRIC DATA

BETA = 4.000 PHI = 180.000

RUN NO. 1374/ O RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
1.249	-7.898	4.13053	153.09890	-.28328	-.12612	.15260	.06794	1.21600	2.45443	-.04096
1.250	-6.866	4.12580	149.77550	-.24544	-.10841	.15152	.06693	1.22273	2.47441	-.03271
1.250	-5.859	4.11894	145.74000	-.21007	-.09216	.15125	.06636	1.22881	2.49255	-.02561
1.250	-4.849	4.10289	140.71440	-.17475	-.07618	.14954	.06519	1.23391	2.50789	-.01920
1.250	-3.843	4.08750	134.30330	-.13740	-.05960	.14744	.06395	1.23838	2.52140	-.01400
1.250	-2.837	4.07222	126.07110	-.10042	-.04344	.14610	.06319	1.24083	2.52880	-.01108
1.250	-1.821	4.04253	115.66080	-.06468	-.02789	.14448	.06230	1.24333	2.53640	-.00801
1.250	-.820	4.01060	103.15230	-.02859	-.01231	.14298	.06155	1.24518	2.54203	-.00617
1.250	.186	3.97102	89.01981	.00680	.00292	.14168	.06090	1.24597	2.54443	-.00485
1.250	1.168	3.93930	75.16487	.04176	.01795	.14075	.06048	1.24613	2.54493	-.00456
1.249	2.159	3.91961	62.65546	.07729	.03321	.14012	.06020	1.24552	2.54308	-.00460
GRADIENT		-.02802	-11.46787	.03585	.01554	-.00136	-.00071	.00163	.00496	.00202

RUN NO. 1385/ O RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
1.400	-7.865	4.16518	152.78420	-.30833	-.14463	.17247	.08090	1.36373	2.92419	-.04256
1.400	-6.874	4.11035	149.85460	-.27145	-.12622	.16868	.07843	1.37127	2.94986	-.03347
1.400	-5.869	4.10433	145.81930	-.23222	-.10721	.16798	.07755	1.37818	2.97353	-.02594
1.400	-4.857	4.09247	140.75420	-.19281	-.08844	.16598	.07613	1.38312	2.99055	-.01949
1.400	-3.856	4.07637	134.38290	-.15275	-.06975	.16363	.07472	1.38718	3.00462	-.01483
1.400	-2.846	4.05951	126.15060	-.11189	-.05087	.16187	.07418	1.39109	3.01817	-.01034
1.400	-1.837	4.03555	115.78030	-.07204	-.03266	.16163	.07327	1.39362	3.02698	-.00742
1.400	-.834	4.00304	103.23210	-.03167	-.01432	.15966	.07221	1.39525	3.03266	-.00528
1.400	.171	3.97728	89.09975	.00782	.00353	.15829	.07152	1.39596	3.03511	-.00432
1.400	1.156	3.94903	75.24466	.04666	.02108	.15744	.07111	1.39674	3.03785	-.00381
1.400	2.146	3.91924	62.73553	.08612	.03889	.15662	.07073	1.39678	3.03800	-.00370
GRADIENT		-.02529	-11.47225	.03981	.01815	-.00134	-.00077	.00190	.00660	.00221

RUN NO. 1398/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
1.450	-7.810	4.26831	152.38880	-.32529	-.15471	.18305	.08706	1.41290	3.09464	-.04305
1.450	-6.817	4.20584	149.45830	-.28395	-.13400	.17956	.08474	1.42017	3.12040	-.03486
1.450	-5.805	4.19619	145.38260	-.24314	-.11394	.17933	.08403	1.42646	3.14283	-.02757
1.449	-4.787	4.17684	140.27690	-.20132	-.09377	.17670	.08230	1.43049	3.15726	-.02168
1.450	-3.768	4.15206	133.78560	-.15867	-.07357	.17400	.08067	1.43507	3.17372	-.01689
1.450	-2.754	4.12430	125.51290	-.11592	-.05350	.17372	.08017	1.43984	3.19093	-.01203
1.450	-1.733	4.08374	115.02280	-.07393	-.03296	.17296	.07948	1.44281	3.20166	-.00792
1.450	-.722	4.03187	102.43450	-.03086	-.01415	.17071	.07825	1.44550	3.21139	-.00528
1.450	.286	3.96771	88.26221	.01183	.00542	.16872	.07726	1.44662	3.21546	-.00416
1.450	1.268	3.91118	74.40756	.05285	.02419	.16670	.07629	1.44688	3.21642	-.00369
1.450	2.247	3.86424	62.01816	.09394	.04301	.16554	.07578	1.44633	3.21433	-.00403
GRADIENT		-.04626	-11.45301	.04200	.01943	-.00156	-.00092	.00229	.00826	.00256

IA310 (AEDC 16TF-783) FAIRING-OFF DATABASE (TCM040) ( 04 OCT 91 )

## PARAMETRIC DATA

BETA = 4.000 PHI = 180.000

RUN NO. 1441/ O RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
1.471	-7.862	4.19912	152.86190	-33958	-16181	.18605	.08865	1.43691	3.18036	-.04425
1.471	-6.828	4.19230	149.49810	-29627	-13992	.18610	.08789	1.44321	3.20708	-.03508
1.471	-5.815	4.17750	145.46180	-25492	-11934	.18683	.08747	1.45237	3.23642	-.02607
1.471	-4.801	4.16321	140.35660	-21021	-.09794	.18328	.08539	1.45593	3.24940	-.02127
1.470	-3.784	4.14108	133.86550	-16608	-.07700	.18148	.08414	1.45955	3.26266	-.01669
1.470	-2.768	4.11186	125.59280	-12117	-.05597	.18060	.08342	1.46340	3.27679	-.01285
1.471	-1.753	4.07194	115.18210	-07715	-.03554	.17848	.08222	1.46640	3.28640	-.01004
1.471	-.743	4.02588	102.55430	-03203	-.01473	.17627	.08108	1.46748	3.29182	-.00847
1.471	.266	3.97169	88.38202	.01201	.00552	.17362	.07980	1.46819	3.29446	-.00739
1.471	1.245	3.92145	74.56694	.05428	.02494	.17173	.07889	1.46895	3.29726	-.00692
1.471	2.231	3.87698	62.09795	.09686	.04447	.17041	.07823	1.46932	3.29864	-.00615
	GRADIENT	-.04221	-11.45688	.04375	.02026	-.00192	-.00105	.00186	.00683	.00205

RUN NO. 1408/ O RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
1.496	-7.869	4.18681	152.90150	-35173	-16804	.19051	.09102	1.46378	3.27819	-.04111
1.496	-6.830	4.17865	149.53760	-30650	-14531	.19219	.09112	1.47111	3.30526	-.03300
1.496	-5.823	4.16684	145.50160	-26585	-12513	.19273	.09071	1.47755	3.32911	-.02534
1.496	-4.809	4.15452	140.39660	-22175	-10369	.19199	.08977	1.48311	3.34983	-.01871
1.496	-3.798	4.13581	133.94540	-17537	-.08165	.18996	.08844	1.48721	3.36515	-.01430
1.496	-2.781	4.10325	125.71220	-12818	-.05947	.18936	.08785	1.48986	3.37510	-.01072
1.496	-1.766	4.06680	115.30170	-08242	-.03813	.18843	.08718	1.49305	3.38709	-.00783
1.496	-.758	4.01793	102.71350	-03514	-.01623	.18751	.08657	1.49458	3.39284	-.00582
1.496	.250	3.97347	88.54131	.01155	.00533	.18577	.08568	1.49618	3.39885	-.00467
1.496	1.232	3.92638	74.68648	.05700	.02628	.18416	.08490	1.49618	3.39887	-.00426
1.496	2.219	3.88489	62.21739	.10190	.04695	.18181	.08378	1.49595	3.39800	-.00399
	GRADIENT	-.03992	-11.45147	.04611	.02144	-.00132	-.00079	.00184	.00692	.00206

RUN NO. 1431/ O RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
1.518	-7.867	4.18993	152.90190	-39525	-18860	.21857	.10429	1.49108	3.37967	-.03805
1.518	-6.837	4.17833	149.57750	-35913	-16985	.22336	.10563	1.49901	3.40954	-.02890
1.518	-5.826	4.17210	145.50210	-31182	-14743	.22728	.10746	1.49985	3.41269	-.02844
1.517	-4.811	4.15333	140.43630	-25948	-12271	.22472	.10627	1.49838	3.40717	-.02883
1.518	-3.796	4.13113	133.98490	-20390	-.09647	.22205	.10506	1.49841	3.40727	-.02922
1.518	-2.779	4.10509	125.71230	-15131	-.07157	.22064	.10379	1.49933	3.41074	-.02890
1.518	-1.765	4.06800	115.30170	-09558	-.04520	.22073	.10439	1.49930	3.41061	-.02864
1.518	-.757	4.02405	102.71360	-04072	-.01926	.21490	.10163	1.49947	3.41127	-.02863
1.518	.249	3.97387	88.58101	.01224	.00579	.21203	.09995	1.49897	3.40938	-.02915
1.517	1.230	3.92206	74.72627	.06382	.03020	.20903	.09891	1.49807	3.40601	-.02939
1.518	2.215	3.88091	62.25726	.11770	.05566	.21062	.09961	1.49961	3.41181	-.02866
	GRADIENT	-.04013	-11.45415	.05360	.02535	-.00245	-.00116	.00007	.00027	-.00000

IA310 (AEDC 16TF-783) FAIRING-OFF DATABASE

(TCM040) ( 04 OCT 91 )

PARAMETRIC DATA

BETA = 4.000 PHI = 180.000

RUN NO. 1419/ O RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
1.543	-7.866	4.18854	152.90170	-40682	-19288	.22506	.10670	1.52688	3.51588	-.02579
1.543	-6.836	4.17758	149.57740	-34053	-16146	.21236	-10069	1.52721	3.51716	-.02581
1.543	-5.825	4.17102	145.50200	-28400	-13465	.20836	.09879	1.52677	3.51545	-.02584
1.543	-4.811	4.15192	140.43620	-22991	-10902	.20077	.09520	1.52660	3.51478	-.02602
1.543	-3.796	4.12977	133.98480	-17839	-08460	.19040	.09029	1.52700	3.51635	-.02604
1.543	-2.781	4.10328	125.71220	-12996	-06162	.18083	.08574	1.52620	3.51323	-.02615
1.543	-1.766	4.06669	115.30170	-08417	-03991	.17025	.08073	1.52599	3.51245	-.02623
1.554	-.758	4.02351	102.71360	-03849	-01851	.16042	.07715	1.52660	3.51479	-.02598
1.554	.248	3.96853	88.58102	.00286	.00138	.15730	.07566	1.52624	3.51339	-.02619
1.554	1.230	3.92179	74.72627	.04379	.02106	.15857	.07626	1.52614	3.51303	-.02612
1.543	2.214	3.88142	62.25725	.08927	.04233	.16605	.07874	1.52627	3.51351	-.02621
GRADIENT		-.04003	-11.45540	.04490	.02131	-.00574	-.00261	-.00007	-.00027	-.00002

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(TCM041) ( 04 OCT 91 )

PARAMETRIC DATA

BETA = -4.000 PHI = 180.000

RUN NO. 1670/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
.600	-8.125	-3.74672	-154.59490	-.35773	-.07252	-.16527	-.03350	.56519	1.24204	-.02674
.600	-7.121	-3.75017	-151.46730	-.31424	-.06331	-.16307	-.03285	.57270	1.24904	-.02085
.600	-6.140	-3.75474	-147.66710	-.27234	-.05472	-.16125	-.03240	.57865	1.25467	-.01671
.601	-5.164	-3.77042	-142.83790	-.22914	-.04592	-.15966	-.03200	.58413	1.25992	-.01283
.600	-4.188	-3.78469	-136.70190	-.18731	-.03737	-.15766	-.03145	.58823	1.26389	-.00932
.600	-3.220	-3.81444	-128.78560	-.14615	-.02911	-.15659	-.03119	.59127	1.26686	-.00713
.601	-2.253	-3.85192	-118.73280	-.10410	-.02074	-.15706	-.03130	.59417	1.26972	-.00551
.601	-1.284	-3.91315	-106.38630	-.06173	-.01226	-.15808	-.03140	.59560	1.27112	-.00393
.600	-.291	-3.98120	-92.25951	-.01918	-.00380	-.15953	-.03164	.59650	1.27202	-.00300
.600	.704	-4.06259	-78.21233	.02308	.00457	-.16090	-.03184	.59607	1.27159	-.00272
.600	1.729	-4.12782	-65.39041	.06613	.01310	-.16264	-.03221	.59605	1.27158	-.00289
GRADIENT		-.06012	12.40045	.04295	.00855	-.00095	-.00014	-.00128	.00126	.00111

(TCMO41) ( 04 OCT 91 )

PARAMETRIC DATA

BETA = -4.000 PHI = 180.000

RUN NO. 1746/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
.800	-8.087	-3.82025	-154.31790	-.34048	-.10367	-.16105	-.04904	.76323	1.47066	-.03630
.799	-7.081	-3.81802	-151.18970	-.29943	-.09036	-.15740	-.04750	.77017	1.48049	-.02851
.800	-6.094	-3.82595	-147.31000	-.25840	-.07765	-.15673	-.04710	.77701	1.49032	-.02268
.799	-5.110	-3.83456	-142.44030	-.21801	-.06511	-.15490	-.04626	.78203	1.49762	-.01719
.800	-4.133	-3.84666	-136.26450	-.17742	-.05284	-.15215	-.04531	.78722	1.50525	-.01294
.800	-3.154	-3.86766	-128.26810	-.13755	-.04080	-.15150	-.04494	.79021	1.50967	-.00953
.800	-2.179	-3.89581	-118.13560	-.09721	-.02878	-.15106	-.04473	.79322	1.51416	-.00701
.800	-1.201	-3.93358	-105.74880	-.05655	-.01671	-.15184	-.04487	.79481	1.51652	-.00528
.800	-.204	-3.99044	-91.58217	-.01567	-.00463	-.15239	-.04500	.79588	1.51814	-.00433
.800	.789	-4.04626	-77.57468	.02525	.00744	-.15411	-.04543	.79592	1.51819	-.00370
.800	1.806	-4.09543	-64.83240	.06626	.01953	-.15486	-.04564	.79554	1.51762	-.00379
.799	GRADIENT	-.04333	12.36999	.04112	.01220	-.00053	-.00008	.00141	.00209	.00151

RUN NO. 1659/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
.900	-8.098	-3.80426	-154.39700	-.32621	-.11344	-.15278	-.05313	.86550	1.63006	-.03744
.900	-7.081	-3.80951	-151.18960	-.28574	-.08865	-.15406	-.05318	.87218	1.64161	-.03003
.900	-6.098	-3.81414	-147.34960	-.24717	-.08479	-.15209	-.05218	.87831	1.65234	-.02345
.900	-5.113	-3.82176	-142.47980	-.20867	-.07121	-.14934	-.05097	.88281	1.66029	-.01834
.900	-4.135	-3.83296	-136.30400	-.16980	-.05771	-.14699	-.04936	.88767	1.66896	-.01360
.900	-3.165	-3.85906	-128.34780	-.13175	-.04461	-.14570	-.04933	.89071	1.67442	-.01006
.900	-2.186	-3.88371	-118.21510	-.09367	-.03164	-.14563	-.04920	.89332	1.67912	-.00744
.900	-1.213	-3.93251	-105.82870	-.05462	-.01842	-.14590	-.04920	.89499	1.68217	-.00565
.900	-.216	-3.99200	-91.66200	-.01539	-.00518	-.14646	-.04932	.89584	1.68371	-.00449
.900	.777	-4.05102	-77.65448	.02323	.00782	-.14800	-.04982	.89601	1.68401	-.00419
.900	1.798	-4.10274	-64.87242	.06336	.02133	-.14949	-.05032	.89621	1.68437	-.00405
.900	GRADIENT	-.04711	12.38172	.03933	.01332	-.00047	-.00008	.00140	.00252	.00156

RUN NO. 1738/ 0 RN/L = 2.51 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
1.098	-7.989	-3.97317	-153.56660	-.29060	-.11977	-.14550	-.05997	1.06692	2.04942	-.03881
1.100	-7.016	-3.93378	-150.67430	-.25624	-.10500	-.13965	-.05722	1.07395	2.06682	-.03186
1.101	-6.023	-3.93197	-146.75380	-.22116	-.09006	-.13900	-.05661	1.08041	2.08297	-.02496
1.101	-5.030	-3.93330	-141.80380	-.18599	-.07529	-.13735	-.05560	1.08537	2.09548	-.01887
1.101	-4.040	-3.94070	-135.46850	-.14998	-.06044	-.13542	-.05457	1.08891	2.10445	-.01432
1.100	-3.049	-3.94300	-127.39180	-.11520	-.04624	-.13361	-.05363	1.09186	2.11197	-.01039
1.100	-2.064	-3.95883	-117.13990	-.08009	-.03205	-.13278	-.05313	1.09405	2.11755	-.00752
1.100	-1.072	-3.97297	-104.63360	-.04435	-.01772	-.13193	-.05270	1.09525	2.12062	-.00585
1.100	-.052	-4.00101	-90.46666	-.00794	-.00317	-.13179	-.05258	1.09613	2.12289	-.00462
1.100	.922	-4.02021	-76.73708	.02613	.01042	-.13176	-.05254	1.09668	2.12431	-.00414
1.100	1.931	-4.04323	-64.07471	.06208	.02475	-.13178	-.05255	1.09642	2.12363	-.00417
1.100	GRADIENT	-.01810	12.28089	.03556	.01427	.00056	.00031	.00123	.00314	.00164



(TCM041) ( 04 OCT 91 )

## PARAMETRIC DATA

BETA = -4.000 PHI = 180.000

RUN NO. 1722/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
1.249	-8.032	-3.88739	-153.88320	-.30031	-.13368	-.14660	-.06526	1.21624	2.45515	-.04075
1.250	-7.062	-3.84380	-151.07040	-.26559	-.11741	-.14061	-.06216	1.22217	2.47272	-.03355
1.250	-6.074	-3.85499	-147.15120	-.22976	-.10085	-.14015	-.06151	1.22887	2.49276	-.02592
1.250	-5.084	-3.85558	-142.28080	-.19400	-.08461	-.13852	-.06041	1.23438	2.50931	-.01935
1.249	-4.101	-3.86797	-136.02550	-.15654	-.06797	-.13684	-.05942	1.23679	2.51657	-.01523
1.250	-3.120	-3.88470	-127.98930	-.12083	-.05231	-.13486	-.05838	1.24031	2.52724	-.01192
1.250	-2.142	-3.91537	-117.85700	-.08530	-.03683	-.13441	-.05803	1.24222	2.53303	-.00923
1.250	-1.167	-3.93889	-105.50960	-.04936	-.02126	-.13431	-.05786	1.24401	2.53847	-.00705
1.250	-.160	-3.99347	-91.26358	-.01313	-.00565	-.13480	-.05802	1.24491	2.54122	-.00608
1.250	.832	-4.04531	-77.29570	.02298	.00988	-.13581	-.05841	1.24547	2.54294	-.00543
1.250	1.844	-4.08287	-64.59328	.05985	.02574	-.13661	-.05876	1.24528	2.54233	-.00550
GRADIENT		-.03770	12.35328	.03640	.01575	-.00006	.00007	.00138	.00421	.00163

RUN NO. 1711/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
1.400	-8.024	-3.89996	-153.84360	-.32886	-.15433	-.15983	-.07501	1.36393	2.92484	-.04288
1.400	-7.050	-3.86053	-150.99130	-.29175	-.13584	-.15485	-.07210	1.37017	2.94609	-.03481
1.400	-6.066	-3.86589	-147.11140	-.25364	-.11726	-.15318	-.07082	1.37661	2.96816	-.02746
1.400	-5.073	-3.86907	-142.20140	-.21328	-.09800	-.15185	-.06977	1.38170	2.98568	-.02118
1.400	-4.090	-3.87964	-135.94590	-.17335	-.07931	-.14982	-.06855	1.38598	3.00046	-.01676
1.400	-3.110	-3.89896	-127.94960	-.13370	-.06090	-.14945	-.06807	1.38926	3.01182	-.01235
1.400	-2.131	-3.91415	-117.81670	-.09473	-.04300	-.14864	-.06747	1.39240	3.02270	-.00884
1.400	-1.150	-3.94934	-105.35050	-.05525	-.02502	-.14834	-.06718	1.39392	3.02803	-.00657
1.400	-.151	-3.99203	-91.18372	-.01492	-.00675	-.14862	-.06724	1.39503	3.03189	-.00551
1.399	.842	-4.04140	-77.21585	.02455	.01110	-.14943	-.06757	1.39497	3.03168	-.00510
1.400	1.857	-4.07575	-64.47380	.06583	.02976	-.15087	-.06820	1.39574	3.03434	-.00468
GRADIENT		-.03434	12.35921	.04018	.01830	-.00011	.00008	.00156	.00542	.00195

RUN NO. 1704/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
1.450	-8.114	-3.75819	-154.55510	-.35258	-.16794	-.16292	-.07760	1.41161	3.09007	-.04462
1.450	-7.110	-3.75991	-151.42730	-.30934	-.14624	-.15964	-.07547	1.41771	3.11166	-.03691
1.450	-6.125	-3.77207	-147.54810	-.26931	-.12644	-.15887	-.07459	1.42446	3.13571	-.02958
1.450	-5.141	-3.77850	-142.71810	-.22727	-.10606	-.15797	-.07372	1.42958	3.15402	-.02345
1.449	-4.168	-3.79557	-136.54270	-.18559	-.08623	-.15567	-.07233	1.43232	3.16384	-.01923
1.450	-3.200	-3.82564	-128.58670	-.14480	-.06695	-.15591	-.07208	1.43793	3.18402	-.01396
1.450	-2.227	-3.86056	-118.49420	-.10457	-.04813	-.15633	-.07196	1.44153	3.19704	-.00949
1.450	-1.261	-3.91647	-106.18740	-.06285	-.02885	-.15689	-.07203	1.44434	3.20721	-.00681
1.450	-.261	-3.98796	-91.98123	-.01982	-.00909	-.15788	-.07241	1.44451	3.20780	-.00591
1.450	.731	-4.06436	-78.01329	.02174	.00996	-.16044	-.07353	1.44500	3.20959	-.00519
1.450	1.752	-4.12326	-65.23111	.06594	.03022	-.16135	-.07396	1.44543	3.21116	-.00525
GRADIENT		-.05762	12.38962	.04250	.01966	-.00101	.00030	.00204	.00736	.00228

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(TCM041) ( 04 OCT 91 )

PARAMETRIC DATA

BETA = -4.000 PHI = 180.000

RUN NO. 1697/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
1.470	-8.064	-3.82181	-154.12080	-.36088	-.17174	-.17175	-.08173	1.43669	3.17955	-.04408
1.470	-7.098	-3.77770	-151.34790	-.32013	-.15129	-.16557	-.07825	1.44272	3.20133	-.03690
1.470	-6.113	-3.78765	-147.46850	-.27950	-.13106	-.16551	-.07761	1.44996	3.22764	-.02869
1.470	-5.125	-3.79616	-142.59880	-.23483	-.10949	-.16292	-.07596	1.45513	3.24649	-.02281
1.470	-4.151	-3.81075	-136.42330	-.19137	-.08886	-.16034	-.07445	1.45837	3.25835	-.01878
1.470	-3.181	-3.83897	-128.46730	-.14869	-.06880	-.15903	-.07359	1.46139	3.26940	-.01529
1.470	-2.211	-3.87395	-118.37480	-.10601	-.04893	-.15882	-.07330	1.46389	3.27861	-.01259
1.470	-1.236	-3.92221	-105.98830	-.06450	-.02970	-.15900	-.07323	1.46517	3.28330	-.01063
1.470	-.243	-3.98671	-91.86143	-.02101	-.00966	-.15988	-.07353	1.46632	3.28756	-.00923
1.484	.752	-4.05835	-77.85388	.02150	.01008	-.15917	-.07461	1.46725	3.29098	-.00869
1.485	1.772	-4.11226	-65.07176	.06398	.02997	-.16009	-.07501	1.46778	3.29295	-.00826
GRADIENT		-.05280	12.38852	.04316	.02005	-.00002	-.00014	.00153	.00563	.00174

RUN NO. 1667/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
1.497	-8.059	-3.83235	-154.08100	-.36617	-.17698	-.17386	-.08403	1.45471	3.24495	-.05191
1.496	-7.089	-3.79355	-151.26880	-.32674	-.15692	-.16799	-.08068	1.45987	3.26382	-.04538
1.497	-6.107	-3.79745	-147.42860	-.28762	-.13724	-.16709	-.07973	1.46598	3.28631	-.03858
1.497	-5.117	-3.80832	-142.51930	-.24504	-.11618	-.16686	-.07912	1.47221	3.30932	-.03190
1.497	-4.146	-3.82503	-136.34390	-.20149	-.09516	-.16622	-.07850	1.47562	3.32197	-.02787
1.497	-3.169	-3.84930	-128.34790	-.15780	-.07427	-.16639	-.07831	1.47822	3.33161	-.02446
1.497	-2.198	-3.88171	-118.25530	-.11324	-.05314	-.16680	-.07828	1.48080	3.34121	-.02149
1.497	-1.226	-3.93134	-105.90860	-.06900	-.03229	-.16826	-.07874	1.48327	3.35043	-.01867
1.497	-.228	-3.98851	-91.74188	-.02372	-.01108	-.16963	-.07928	1.48448	3.35495	-.01734
1.497	.765	-4.05058	-77.73441	.02200	.01028	-.17142	-.08007	1.48496	3.35674	-.01683
1.496	1.790	-4.11101	-64.95212	.06900	.03224	-.17224	-.08048	1.48414	3.35370	-.01728
GRADIENT		-.04951	12.37283	.04559	.02146	-.00112	-.00038	.00154	.00574	.00184

RUN NO. 1685/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
1.519	8.051	-3.83210	-154.08090	-.38715	-.18727	-.18500	-.08949	1.48072	3.34092	-.04975
1.520	-7.087	-3.79553	-151.26900	-.35266	-.16936	-.17927	-.08609	1.48764	3.36678	-.04213
1.520	-6.104	-3.79965	-147.42890	-.31310	-.14930	-.18265	-.08709	1.49465	3.39308	-.03463
1.520	-5.121	-3.81002	-142.55940	-.27072	-.12825	-.18505	-.08767	1.50034	3.41457	-.02796
1.520	-4.141	-3.82334	-136.34380	-.22410	-.10573	-.18562	-.08758	1.50397	3.42830	-.02377
1.520	-3.173	-3.84609	-128.42720	-.17758	-.08360	-.18877	-.08587	1.50586	3.43549	-.02155
1.520	-2.196	-3.87733	-118.25520	-.12926	-.06077	-.19409	-.09125	1.50706	3.44004	-.02016
1.520	-1.222	-3.92707	-105.86880	-.07889	-.03705	-.19788	-.09292	1.50789	3.44317	-.01898
1.520	-.228	-3.98824	-91.74188	-.02466	-.01157	-.20241	-.09500	1.50832	3.44483	-.01848
1.520	.766	-4.05591	-77.73433	.02832	.01329	-.19990	-.09382	1.50850	3.44549	-.01840
1.520	1.787	-4.10618	-64.95227	.08026	.03768	-.19744	-.09370	1.50825	3.44557	-.01863
GRADIENT		-.04996	12.38791	.05175	.02437	-.00238	-.00105	.00070	.00265	.00084

IA310 (AEDC 16TF-783) PROBE CALIBRATION (TCMO41) ( 04 OCT 91 )

## PARAMETRIC DATA

BETA = -4.000 PHI = 180.000

RUN NO. 1678/ O RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
1.541	-8.058	-3.83100	-154.08080	.43876	-.20910	-.20826	-.09255	1.51950	3.48752	-.03199
1.541	-7.089	-3.79225	-151.26860	-.38456	-.18278	-.20367	-.09681	1.52237	3.49853	-.02918
1.545	-6.103	-3.80068	-147.38900	-.31295	-.14852	-.19888	-.09439	1.52823	3.52109	-.02682
1.543	-5.123	-3.80720	-142.55910	-.25351	-.11997	-.19351	-.09158	1.52786	3.51964	-.02437
1.544	-4.146	-3.82403	-136.34390	-.19150	-.09058	-.19094	-.09032	1.52999	3.52787	-.02365
1.544	-3.166	-3.84382	-128.34760	-.14398	-.06813	-.18678	-.08839	1.52908	3.52435	-.02410
1.543	-2.198	-3.88064	-118.25530	-.09532	-.04509	-.18261	-.08639	1.52911	3.52448	-.02380
1.542	-1.222	-3.92669	-105.86880	-.04940	-.02335	-.17462	-.09255	1.52849	3.52207	-.02328
1.543	-.229	-3.99309	-91.74190	-.00617	-.00291	-.16554	-.07820	1.52942	3.52566	-.02257
1.543	.766	-4.05557	-77.73433	.03451	.01631	-.16474	-.07784	1.52959	3.52631	-.02260
1.543	1.788	-4.11080	-64.95212	.08422	.03978	-.17833	-.08424	1.53002	3.52797	-.02239
GRADIENT		-.05057	12.37730	.04606	.02178	.00356	.00171	.00005	.00020	.00029

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(TCMO42) ( 04 OCT 91 )

## PARAMETRIC DATA

BETA = -4.000 PHI = 180.000

RUN NO. 1568/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
.599	-7.140	-3.75942	-151.46850	-.31422	-.06331	-.16326	-.03289	.57148	1.24790	-.02159
.599	-6.144	-3.75684	-147.66740	-.27236	-.05457	-.16201	-.03246	.57773	1.25380	-.01656
.600	-5.169	-3.77265	-142.83810	-.22896	-.04575	-.16008	-.03199	.58388	1.25968	-.01228
.600	-4.196	-3.79080	-136.70240	-.18643	-.03718	-.15766	-.03144	.58738	1.26307	-.00976
.600	-3.224	-3.81781	-128.78580	-.14602	-.02909	-.15677	-.03123	.59088	1.26648	-.00738
.601	-2.256	-3.85566	-118.73300	-.10350	-.02059	-.15718	-.03127	.59362	1.26917	-.00544
.600	-1.286	-3.91751	-106.38640	-.06159	-.01223	-.15819	-.03140	.59490	1.27043	-.00416
.600	-.291	-3.99092	-92.25957	-.01915	-.00380	-.15923	-.03157	.59588	1.27141	-.00328
.600	.705	-4.06726	-78.21227	.02282	.00452	-.16134	-.03199	.59665	1.27216	-.00286
GRADIENT		-.05735	12.09674	.04285	.00854	-.00078	-.00011	.00182	.00179	.00140

(TCM042) ( 04 OCT 91 )

PARAMETRIC DATA

BETA = -4.000 PHI = 180.000

RUN NO. 1458/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
.800	-7.105	-3.83063	-151.19130	-30036	-09087	-15778	-04773	77026	1.48062	-.02945
.800	-6.098	-3.82830	-147.31030	-25868	-07779	-15694	-07779	77627	1.48924	-.02345
.800	-5.112	-3.83064	-142.47980	-21821	-06535	-15435	-04623	78162	1.49701	-.01857
.800	-4.133	-3.84632	-136.26450	-17760	-05292	-15241	-04542	78526	1.50236	-.01434
.800	-3.157	-3.87126	-128.26830	-13753	-04087	-15111	-04491	78879	1.50756	-.01114
.800	-2.183	-3.89858	-118.17540	-09766	-02894	-15154	-04491	79102	1.51087	-.00869
.800	-1.206	-3.94275	-105.78870	-05682	-01683	-15190	-04498	79308	1.51394	-.00715
.800	-.203	-3.99552	-91.58220	-01538	-00455	-15247	-04509	79398	1.51528	-.00605
.800	.788	-4.05160	-77.61429	.02494	.00738	-15384	-04549	79423	1.51565	-.00592
GRADIENT		-.04194	12.07569	.04123	.01227	-.00034	-.00003	.00181	.00269	.00171

RUN NO. 1491/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
.900	-7.109	-3.81276	-151.27010	-29403	-10158	-15095	-05215	87140	1.64025	-.03084
.899	-6.098	-3.81402	-147.34960	-25467	-08745	-14980	-05144	87634	1.64887	-.02501
.900	-5.117	-3.82521	-142.48010	-21603	-07386	-14778	-05052	88227	1.65933	-.01953
.900	-4.137	-3.83943	-136.26460	-17700	-06024	-14573	-04959	88614	1.66622	-.01509
.900	-3.162	-3.86155	-128.30820	-13887	-04712	-14466	-04908	88954	1.67231	-.01171
.901	-2.191	-3.89295	-118.21550	-10051	-03402	-14459	-04893	89237	1.67742	-.00885
.900	-1.210	-3.93354	-105.78900	-06132	-02071	-14512	-04902	89353	1.67952	-.00726
.900	-.216	-3.99200	-91.66200	-02185	-00738	-14562	-04915	89468	1.68160	-.00623
.900	.781	-4.05569	-77.61472	.01705	.00575	-14728	-04966	89446	1.68120	-.00595
GRADIENT		-.04403	12.08592	.03954	.01344	-.00033	-.00002	.00169	.00304	.00185

RUN NO. 1475/ O RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
1.100	-7.044	-3.93653	-150.75480	-25758	-10557	-14012	-05743	1.07332	2.06526	-.03232
1.100	-6.022	-3.93170	-146.75370	-22207	-09047	-13834	-05636	1.07897	2.07937	-.02583
1.100	-5.034	-3.93611	-141.80400	-18665	-07563	-13687	-05546	1.08378	2.09147	-.02014
1.100	-4.040	-3.94019	-135.46850	-15085	-06085	-13515	-05452	1.08689	2.09931	-.01581
1.100	-3.053	-3.95063	-127.39230	-11552	-04644	-13383	-05380	1.09010	2.10746	-.01222
1.100	-2.063	-3.95799	-117.13990	-08055	-03229	-13313	-05336	1.09234	2.11319	-.00929
1.100	-1.075	-3.97870	-104.63370	-04502	-01801	-13235	-05295	1.09374	2.11678	-.00744
1.100	-.072	-4.00672	-90.46667	-00894	-00357	-13202	-05275	1.09422	2.11799	-.00648
1.100	.919	-4.03264	-76.49878	.02548	.01018	-13227	-05285	1.09477	2.11940	-.00617
GRADIENT		-.01876	12.04213	.03562	.01434	-.00059	-.00034	.00153	.00390	.00194

IA310 (AEDC 16TF-783) PROBE CALIBRATION (TCM042) ( 04 OCT 91 )

## PARAMETRIC DATA

BETA = -4.000 PHI = 180.000

RUN NO. 1515/ O RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
1.250	-7.088	-3.85260	-151.11150	-.26695	-.11797	-.14123	-.06241	1.22269	2.47428	-.03308
1.250	-6.074	-3.85544	-147.15120	-.23061	-.10130	-.13959	-.06132	1.22802	2.49019	-.02685
1.250	-5.081	-3.85951	-142.24130	-.19482	-.08504	-.13835	-.06039	1.23315	2.50561	-.02039
1.250	-4.102	-3.86815	-136.02550	-.15773	-.06856	-.13652	-.05933	1.23714	2.51765	-.01588
1.250	-3.123	-3.88899	-127.98950	-.12131	-.05256	-.13477	-.05840	1.23951	2.52480	-.01282
1.250	-2.146	-3.91176	-117.85690	-.08605	-.03719	-.13451	-.05813	1.24141	2.53059	-.01025
1.250	-1.160	-3.95393	-105.43050	-.04967	-.02143	-.13448	-.05803	1.24289	2.53507	-.00868
1.251	-.168	-3.99362	-91.38260	-.01343	-.00579	-.13483	-.05812	1.24449	2.53995	-.00736
1.252	.828	-4.04582	-77.33537	.02296	.00990	-.13609	-.05866	1.24630	2.54546	-.00684
GRADIENT		-.03609	12.05368	.03662	.01589	.00006	.00012	.00180	.00548	.00183

RUN NO. 1531/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
1.400	-7.077	-3.86858	-151.03240	-.29524	-.13731	-.15093	-.07019	1.37118	2.94955	-.03368
1.400	-6.066	-3.86569	-147.11140	-.25617	-.11832	-.14918	-.06891	1.37724	2.97032	-.02655
1.400	-5.077	-3.87191	-142.20160	-.21543	-.09893	-.14852	-.06821	1.38248	2.98834	-.02060
1.400	-4.093	-3.88353	-135.94620	-.17540	-.08016	-.14653	-.06697	1.38670	3.00296	-.01565
1.400	-3.113	-3.90303	-127.94980	-.13555	-.06171	-.14615	-.06653	1.38981	3.01372	-.01177
1.400	-2.131	-3.92024	-117.77720	-.09646	-.04377	-.14568	-.06611	1.39225	3.02221	-.00860
1.400	-1.150	-3.95485	-105.35060	-.05675	-.02570	-.14555	-.06592	1.39455	3.03021	-.00649
1.400	-.152	-3.99712	-91.18373	-.01584	-.00717	-.14599	-.06605	1.39520	3.03248	-.00556
1.400	.841	-4.04139	-77.21585	.02398	.01085	-.14744	-.06668	1.39535	3.03300	-.00518
GRADIENT		-.03205	12.06209	.04042	.01844	-.00012	.00009	.00179	.00620	.00211

RUN NO. 1549/ O RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
1.450	-7.130	-3.77029	-151.42860	-.31072	-.14653	-.15982	-.07537	1.41982	3.11915	-.03433
1.450	-6.125	-3.77155	-147.54800	-.27008	-.12655	-.15687	-.07350	1.42575	3.14030	-.02768
1.451	-5.143	-3.78458	-142.67880	-.22875	-.10661	-.15594	-.07268	1.43129	3.16015	-.02202
1.450	-4.169	-3.79538	-136.54270	-.18631	-.08648	-.15461	-.07176	1.43412	3.17029	-.01801
1.449	-3.200	-3.82539	-128.58670	-.14569	-.06731	-.15444	-.07135	1.43772	3.18327	-.01336
1.450	-2.233	-3.86336	-118.49440	-.10544	-.04854	-.15556	-.07162	1.44093	3.19484	-.00978
1.450	-1.257	-3.92326	-106.10810	-.06348	-.02916	-.15580	-.07156	1.44377	3.20514	-.00730
1.451	-.263	-3.99305	-91.98125	-.02032	-.00932	-.15711	-.07209	1.44525	3.21050	-.00610
1.450	.730	-4.06424	-78.01331	.02122	.00973	-.15988	-.07331	1.44486	3.20907	-.00567
GRADIENT		-.05568	12.10782	.04246	.01967	-.00101	-.00029	.00230	.00832	.00250



IA310 (AEDC 16TF-783) PROBE CALIBRATION (TCM042) ( 04 OCT 91 )

## PARAMETRIC DATA

BETA = -4.000 PHI = 180.000

RUN NO. 1615/ O RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
1.541	-7.114	-3.80067	-151.30970	-.37494	-.17743	-.20204	-.09561	1.52573	3.51144	-.02662
1.541	-6.114	-3.80263	-147.42920	-.31365	-.14808	-.19634	-.09270	1.52790	3.51981	-.02425
1.540	-5.124	-3.81444	-142.51990	-.25333	-.11930	-.19046	-.08970	1.52967	3.52663	-.02176
1.541	-4.146	-3.82443	-136.34390	-.19555	-.09205	-.18474	-.08696	1.53088	3.53130	-.02118
1.541	-3.176	-3.85016	-128.38770	-.14639	-.06893	-.18309	-.08620	1.53062	3.53029	-.02135
1.541	-2.201	-3.88475	-118.25550	-.09779	-.04603	-.17952	-.08450	1.53098	3.53168	-.02107
1.541	-1.228	-3.93549	-105.90870	-.05238	-.02464	-.17198	-.08091	1.53167	3.53438	-.02042
1.541	-.228	-3.99814	-91.74193	-.00982	-.00462	-.16287	-.07658	1.53189	3.53520	-.02002
1.541	.767	-4.06033	-77.73427	.03100	.01458	-.16361	-.07693	1.53175	3.53468	-.01997
GRADIENT		-.04874	12.08674	.04617	.02173	.00506	.00240	.00026	.00100	.00031

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(TCM043) ( 04 OCT 91 )

## PARAMETRIC DATA

BETA = -3.000 PHI = 180.000

RUN NO. 1569/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
.600	-7.115	-2.74184	-158.06760	-.31141	-.06265	-.11884	-.02391	.57429	1.25054	-.01957
.600	-6.613	-2.74257	-156.54740	-.28958	-.05818	-.11783	-.02367	.57727	1.25336	-.01747
.600	-6.121	-2.74755	-154.82950	-.26826	-.05372	-.11701	-.02343	.58104	1.25695	-.01447
.600	-5.631	-2.74712	-152.91320	-.24673	-.04931	-.11506	-.02299	.58326	1.25909	-.01267
.599	-5.136	-2.75227	-150.64040	-.22566	-.04501	-.11494	-.02293	.58536	1.26111	-.01096
.600	-4.649	-2.75735	-148.05090	-.20462	-.04077	-.11408	-.02273	.58782	1.26350	-.00927
.600	-4.162	-2.76838	-144.98630	-.18382	-.03656	-.11371	-.02262	.58934	1.26498	-.00796
.599	-3.679	-2.77611	-141.44650	-.16352	-.03247	-.11447	-.02273	.59091	1.26652	-.00661
.600	-3.193	-2.79057	-137.19410	-.14330	-.02843	-.11449	-.02272	.59286	1.26843	-.00530
.600	-2.714	-2.80661	-132.22950	-.12263	-.02431	-.11421	-.02264	.59369	1.26924	-.00458
.600	-2.236	-2.82833	-126.35490	-.10184	-.02021	-.11393	-.02262	.59529	1.27082	-.00393
.600	-1.754	-2.85440	-119.41200	-.08020	-.01592	-.11429	-.02268	.59638	1.27190	-.00321
.600	-1.276	-2.89442	-111.48080	-.06015	-.01190	-.11478	-.02271	.59673	1.27225	-.00232
.599	-.790	-2.93604	-102.60030	-.03852	-.00762	-.11605	-.02295	.59637	1.27189	-.00240
.601	-.308	-2.99139	-93.32489	-.01861	-.00369	-.11656	-.02312	.59806	1.27357	-.00204
.600	.204	-3.04056	-83.57410	.00216	.00043	-.11831	-.02342	.59763	1.27314	-.00184
.600	.715	-3.08445	-74.37741	.02310	.00457	-.11996	-.02375	.59762	1.27313	-.00197
GRADIENT		-.06189	14.01434	.04272	.00850	-.00095	-.00016	.00187	.00184	.00136

(TCM043) ( 04 OCT 91 )

IA310 (AEDC 16TF-783) PROBE CALIBRATION

PARAMETRIC DATA

BETA = -3.000 PHI = 180.000

RUN NO. 1459/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
.800	-7.080	-2.81668	-157.75130	-.29662	-.08948	-.11608	-.03502	.77257	1.48393	-.02690
.800	-6.581	-2.81556	-156.23090	-.27623	-.08307	-.11558	-.03476	.77608	1.48898	-.02354
.800	-6.086	-2.81620	-154.51260	-.25578	-.07674	-.11488	-.03447	.77916	1.49344	-.02074
.800	-5.589	-2.81968	-152.51700	-.23572	-.07050	-.11375	-.03402	.78185	1.49736	-.01786
.800	-5.093	-2.82571	-150.20440	-.21536	-.06428	-.11244	-.03356	.78418	1.50077	-.01568
.800	-4.602	-2.82467	-147.61450	-.19469	-.05799	-.11114	-.03310	.78645	1.50410	-.01347
.800	-4.115	-2.83564	-144.51020	-.17502	-.05205	-.11099	-.03304	.78832	1.50687	-.01170
.800	-3.628	-2.84516	-140.89100	-.15517	-.04607	-.11086	-.03291	.79012	1.50953	-.00995
.800	-3.141	-2.84961	-136.67780	-.13511	-.04005	-.11085	-.03286	.79143	1.51148	-.00856
.800	-2.652	-2.86369	-131.59410	-.11525	-.03412	-.11067	-.03274	.79256	1.51316	-.00733
.800	-2.172	-2.88132	-125.67970	-.09497	-.02808	-.11073	-.03276	.79357	1.51467	-.00630
.800	-1.683	-2.89783	-118.69700	-.07466	-.02205	-.11095	-.03278	.79452	1.51609	-.00531
.800	-1.198	-2.92788	-110.68620	-.05455	-.01611	-.11086	-.03274	.79512	1.51700	-.00482
.800	-.709	-2.95631	-101.80550	-.03449	-.01018	-.11131	-.03287	.79588	1.51813	-.00434
.800	-.223	-2.99839	-92.49040	-.01537	-.00453	-.11184	-.03300	.79596	1.51826	-.00395
.800	.286	-3.02858	-82.77925	.00493	.00145	-.11313	-.03336	.79627	1.51871	-.00359
.800	.796	-3.07008	-73.62218	.02523	.00744	-.11374	-.03353	.79599	1.51830	-.00364
GRADIENT		-.04476	13.97164	.04092	.01217	-.00041	-.00006	.00177	.00264	.00180

RUN NO. 1492/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
.900	-7.086	-2.79991	-157.83020	-.29076	-.10018	-.11150	-.03842	.87427	1.64525	-.02789
.899	-6.578	-2.80133	-156.27010	-.27107	-.09305	-.11098	-.03810	.87662	1.64937	-.02469
.900	-6.086	-2.80784	-154.51250	-.25228	-.08640	-.10931	-.03744	.87991	1.65516	-.02171
.900	-5.594	-2.80900	-152.55650	-.23233	-.07939	-.10844	-.03706	.88297	1.66057	-.01892
.900	-5.099	-2.81115	-150.28360	-.21284	-.07250	-.10771	-.03669	.88451	1.66332	-.01644
.900	-4.605	-2.81367	-147.65410	-.19348	-.06581	-.10686	-.03635	.88721	1.66812	-.01423
.900	-4.123	-2.82414	-144.58950	-.17422	-.05911	-.10649	-.03613	.88895	1.67124	-.01204
.900	-3.634	-2.82858	-141.00980	-.15565	-.05271	-.10567	-.03578	.89027	1.67363	-.01040
.900	-3.146	-2.84110	-136.71760	-.13632	-.04611	-.10557	-.03571	.89205	1.67684	-.00880
.900	-2.659	-2.85287	-131.67340	-.11759	-.03972	-.10547	-.03563	.89295	1.67845	-.00766
.900	-2.174	-2.86828	-125.71930	-.09791	-.03303	-.10550	-.03559	.89393	1.68024	-.00651
.900	-1.693	-2.89232	-118.77660	-.07842	-.02644	-.10568	-.03563	.89489	1.68198	-.00561
.900	-1.209	-2.92324	-110.76580	-.05936	-.02000	-.10565	-.03559	.89568	1.68342	-.00475
.900	-.721	-2.95281	-101.88510	-.03979	-.01339	-.10638	-.03580	.89569	1.68343	-.00423
.900	-.237	-2.99087	-92.60963	-.02134	-.00718	-.10671	-.03590	.89614	1.68425	-.00389
.900	.275	-3.03374	-82.85886	-.00200	-.00067	-.10816	-.03639	.89602	1.68403	-.00396
.900	.785	-3.07232	-73.70181	.01743	.00586	-.10881	-.03661	.89635	1.68463	-.00384
GRADIENT		-.04777	13.98880	.03930	.01334	-.00035	-.00005	.00166	.00301	.00190



(TCMO43) ( 04 OCT 91 )

IA310 (AEDC 16TF-783) PROBE CALIBRATION

PARAMETRIC DATA

BETA = -3.000 PHI = 180.000

RUN NO. 1476/ O RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
1.100	-7.037	-2.93595	-157.23720	-25534	-10431	-10413	-04254	1.07585	2.07157	-02903
1.100	-6.520	-2.93099	-155.63640	-23746	-03674	-10348	-04216	1.07876	2.07884	-02593
1.100	-6.029	-2.93237	-153.87840	-22008	-08940	-10259	-04167	1.08132	2.08526	-02285
1.100	-5.526	-2.93110	-151.84250	-20226	-08192	-10179	-04123	1.08396	2.09190	-01982
1.100	-5.034	-2.93687	-149.49030	-18444	-07452	-10112	-04086	1.08576	2.09645	-01737
1.102	-4.532	-2.93657	-146.78110	-16724	-06746	-09995	-04032	1.09002	2.10728	-01457
1.101	-4.038	-2.94057	-143.63660	-14955	-06021	-09970	-04014	1.09038	2.10820	-01311
1.100	-3.545	-2.94160	-139.97730	-13206	-05304	-09909	-03979	1.09104	2.10987	-01113
1.100	-3.037	-2.95479	-135.64570	-11427	-04581	-09854	-03950	1.09207	2.11248	-00956
1.100	-2.557	-2.94876	-130.75970	-09669	-03871	-09804	-03925	1.09333	2.11572	-00814
1.100	-2.062	-2.95143	-124.72580	-07859	-03142	-09763	-03904	1.09460	2.11896	-00675
1.100	-1.566	-2.95807	-117.66360	-06104	-02438	-09688	-03870	1.09500	2.11998	-00592
1.099	-1.079	-2.97279	-109.65260	-04339	-01732	-09621	-03839	1.09511	2.12027	-00518
1.100	-.581	-2.98359	-100.69240	-02578	-01028	-09607	-03831	1.09606	2.12271	-00444
1.100	-.094	-3.00331	-91.37717	-00884	-00352	-09609	-03831	1.09609	2.12279	-00418
1.100	.416	-3.01857	-81.70569	.00840	.00335	-09638	-03842	1.09672	2.12440	-00379
1.100	.920	-3.03462	-72.58844	.02581	.01029	-09646	-03846	1.09666	2.12426	-00394
GRADIENT		-.01723	13.85292	.03555	.01430	.00076	.00039	.00135	.00345	.00201

RUN NO. 1516/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
1.250	-7.066	-2.84477	-157.63250	-26422	-11646	-10310	-04544	1.22526	2.48195	-03030
1.251	-6.560	-2.84512	-156.07230	-24626	-10813	-10245	-04499	1.22919	2.49370	-02616
1.250	-6.061	-2.84618	-154.31410	-22821	-09987	-10294	-04505	1.23124	2.49986	-02293
1.250	-5.570	-2.85004	-152.31860	-21013	-09168	-10195	-04448	1.23378	2.50750	-01981
1.250	-5.073	-2.84816	-150.04530	-19228	-08365	-10060	-04377	1.23608	2.51445	-01691
1.250	-4.583	-2.85602	-147.37650	-17304	-07512	-10014	-04347	1.23767	2.51923	-01485
1.250	-4.095	-2.85981	-144.31150	-15518	-06727	-09899	-04291	1.23861	2.52208	-01349
1.250	-3.601	-2.87334	-140.65290	-13715	-05934	-09881	-04275	1.24047	2.52772	-01149
1.250	-3.110	-2.87354	-136.43950	-11967	-05170	-09812	-04239	1.24134	2.53035	-01001
1.250	-2.627	-2.87990	-131.39510	-10174	-04388	-09824	-04238	1.24289	2.53508	-00840
1.250	-2.138	-2.89083	-125.40120	-08389	-03614	-09757	-04203	1.24402	2.53852	-00708
1.250	-1.654	-2.91557	-118.37920	-06600	-02841	-09751	-04197	1.24429	2.53931	-00633
1.250	-1.167	-2.93454	-110.40790	-04820	-02073	-09757	-04196	1.24542	2.54277	-00541
1.250	-.673	-2.96356	-101.40830	-03016	-01296	-09793	-04210	1.24560	2.54331	-00501
1.250	-.189	-2.99351	-92.13277	-01286	-.00553	-09841	-04229	1.24622	2.54520	-00452
1.250	.322	-3.02867	-82.38200	.00511	.00220	-09927	-04266	1.24619	2.54513	-00453
1.250	.832	-3.06012	-73.26462	.02303	.00989	-09977	-04287	1.24591	2.54427	-00451
GRADIENT		-.03745	13.96559	.03633	.01574	.00005	.00011	.00163	.00494	.00198

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(TCMO43) ( 04 OCT 91 )

PARAMETRIC DATA

BETA = -3.000 PHI = 180.000

RUN NO. 1532/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
1.400	-7.064	-2.85860	-157.59320	-.29244	-.13563	-.10876	-.05044	1.37397	2.95910	-.03069
1.400	-6.554	-2.85706	-156.03280	-.27313	-.12625	-.10794	-.04989	1.37676	2.96866	-.02725
1.400	-6.059	-2.85972	-154.27480	-.25387	-.11693	-.10734	-.04944	1.37921	2.97707	-.02372
1.400	-5.563	-2.86036	-152.27890	-.23329	-.10714	-.10663	-.04897	1.38232	2.98779	-.02069
1.400	-5.068	-2.86480	-149.96630	-.21273	-.09745	-.10674	-.04889	1.38433	2.99474	-.01809
1.400	-4.578	-2.87363	-147.29750	-.19300	-.08821	-.10598	-.04844	1.38624	3.00136	-.01583
1.400	-4.085	-2.87457	-144.23230	-.17349	-.07905	-.10609	-.04834	1.38854	3.00931	-.01278
1.399	-3.594	-2.87954	-140.61290	-.15399	-.07002	-.10547	-.04796	1.39013	3.01485	-.01071
1.400	-3.103	-2.88628	-136.32040	-.13357	-.06066	-.10506	-.04771	1.39220	3.02200	-.00919
1.400	-2.616	-2.89679	-131.23660	-.11393	-.05164	-.10450	-.04737	1.39335	3.02604	-.00748
1.400	-2.126	-2.90600	-125.24260	-.09396	-.04255	-.10421	-.04720	1.39434	3.02947	-.00656
1.399	-1.639	-2.92422	-118.22030	-.07418	-.03356	-.10406	-.04707	1.39427	3.02923	-.00557
1.399	-1.150	-2.94092	-110.20930	-.05507	-.02489	-.10349	-.04678	1.39525	3.03264	-.00474
1.400	-.660	-2.96606	-101.28900	-.03465	-.01566	-.10383	-.04692	1.39614	3.03575	-.00436
1.400	-.174	-2.99439	-91.97385	-.01513	-.00684	-.10455	-.04724	1.39627	3.03619	-.00424
1.400	.336	-3.02692	-82.26266	.00431	.00195	-.10594	-.04786	1.39632	3.03638	-.00396
1.400	.843	-3.05119	-73.14540	.02400	.01084	-.10625	-.04798	1.39661	3.03741	-.00373
GRADIENT		-.03334	13.95554	.04023	.01833	.00010	.00014	.00180	.00624	.00207

RUN NO. 1550/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
1.449	-7.106	-2.75265	-158.02790	-.30802	-.14492	-.11446	-.05385	1.42170	3.12584	-.03197
1.450	-6.598	-2.75530	-156.46790	-.28742	-.13481	-.11478	-.05383	1.42547	3.13932	-.02856
1.450	-6.106	-2.75809	-154.74980	-.26769	-.12510	-.11298	-.05280	1.42797	3.14825	-.02499
1.449	-5.614	-2.76052	-152.79400	-.24660	-.11487	-.11243	-.05237	1.43042	3.15700	-.02173
1.450	-5.123	-2.76651	-150.52130	-.22445	-.10440	-.11281	-.05247	1.43261	3.16489	-.02007
1.449	-4.630	-2.77012	-147.89190	-.20432	-.09482	-.11201	-.05198	1.43372	3.16885	-.01793
1.450	-4.150	-2.77929	-144.86700	-.18458	-.08545	-.11163	-.05168	1.43664	3.17937	-.01531
1.450	-3.665	-2.78958	-141.28770	-.16496	-.07612	-.11121	-.05173	1.43912	3.18831	-.01206
1.450	-3.178	-2.80438	-136.99560	-.14442	-.06650	-.11168	-.05143	1.44129	3.19615	-.00987
1.450	-2.698	-2.82219	-132.03120	-.12372	-.05691	-.11139	-.05124	1.44215	3.19927	-.00886
1.450	-2.219	-2.83605	-126.15630	-.10258	-.04712	-.11122	-.05109	1.44409	3.20628	-.00727
1.450	-1.734	-2.86421	-119.17390	-.08188	-.03759	-.11162	-.05124	1.44411	3.20638	-.00667
1.450	-1.255	-2.89925	-111.24250	-.06180	-.02835	-.11146	-.05113	1.44477	3.20875	-.00597
1.450	-.772	-2.94049	-102.40170	-.04072	-.01868	-.11228	-.05150	1.44507	3.20985	-.00587
1.450	-.288	-2.99225	-93.08665	-.02053	-.00942	-.11344	-.05203	1.44472	3.20859	-.00599
1.451	.225	-3.03838	-83.29622	.00065	.00030	-.11538	-.05288	1.44605	3.21341	-.00507
1.450	.732	-3.08107	-74.17880	.02119	.00971	-.11675	-.05351	1.44537	3.21092	-.00511
GRADIENT		-.05850	14.01759	.04237	.01961	-.00072	-.00022	.00200	.00725	.00219

(TCM043) ( 04 OCT 91 )

PARAMETRIC DATA

BETA = -3.000 PHI = 180.000

RUN NO. 1634/ O RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
1.469	-7.100	-2.77543	-157.90920	-3.1466	-14918	-11900	-0.5642	1.43853	3.18617	-0.04186
1.469	-6.593	-2.77302	-156.38860	-2.9375	-13888	-11652	-0.5509	1.44128	3.19614	-0.03890
1.470	-6.099	-2.78030	-154.63110	-2.7344	-12889	-11643	-0.5488	1.44433	3.20716	-0.03560
1.469	-5.607	-2.78189	-152.67520	-2.5308	-11887	-11628	-0.5462	1.44663	3.21552	-0.03203
1.469	-5.111	-2.78416	-150.40220	-2.3160	-10846	-11595	-0.5430	1.44968	3.22660	-0.02874
1.470	-4.624	-2.78613	-147.81250	-2.0947	-09786	-11470	-0.5359	1.45134	3.23264	-0.02643
1.470	-4.135	-2.79818	-144.70830	-1.8725	-08748	-11411	-0.5331	1.45263	3.23736	-0.02552
1.469	-3.649	-2.80705	-141.12890	-1.6622	-07754	-11368	-0.5304	1.45400	3.24234	-0.02410
1.469	-3.165	-2.81668	-136.91600	-1.4515	-06762	-11288	-0.5258	1.45448	3.24411	-0.02277
1.469	-2.682	-2.83449	-131.87220	-1.2429	-05781	-11186	-0.5203	1.45562	3.24827	-0.02127
1.469	-2.199	-2.85002	-125.95770	-1.0323	-04794	-11223	-0.512	1.45733	3.25455	-0.01973
1.469	-1.719	-2.87706	-119.01500	-0.8317	-03858	-11232	-0.5210	1.45841	3.25847	-0.01857
1.469	-1.235	-2.91144	-111.00430	-0.6270	-02906	-11257	-0.5217	1.45888	3.26022	-0.01779
1.470	-0.749	-2.94395	-102.16330	-0.4132	-01914	-11336	-0.5252	1.45974	3.26337	-0.01717
1.471	-0.267	-2.99206	-92.88791	-0.2142	-00992	-11441	-0.5298	1.46126	3.26894	-0.01662
1.469	.244	-3.04034	-83.17671	-0.0000	-00000	-11650	-0.5393	1.46028	3.26536	-0.01651
1.469	.756	-3.07884	-73.98003	.02092	.00968	-11788	-0.5454	1.46065	3.26669	-0.01631
1.469	GRADIENT	-.05461	14.00175	.04281	.01999	-.00048	-.00012	.00185	.00681	.00204

RUN NO. 1585/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
1.491	-7.089	-2.78685	-157.86960	-3.2993	-15748	-12254	-0.5849	1.45916	3.26123	-0.04650
1.491	-6.585	-2.79002	-156.30970	-3.1027	-14785	-12155	-0.5792	1.46070	3.26689	-0.04475
1.492	-6.093	-2.79223	-154.59160	-2.8797	-13693	-12106	-0.5756	1.46291	3.27498	-0.04246
1.491	-5.601	-2.79269	-152.63560	-2.6784	-12710	-11996	-0.5693	1.46446	3.28069	-0.04029
1.491	-5.108	-2.80062	-150.32320	-2.4694	-11687	-12085	-0.5720	1.46681	3.28934	-0.03751
1.491	-4.614	-2.80270	-147.69370	-2.2458	-10618	-12049	-0.5697	1.46763	3.29237	-0.03651
1.492	-4.132	-2.81313	-144.62920	-2.0436	-09644	-12165	-0.5741	1.47000	3.30112	-0.03439
1.491	-3.646	-2.82025	-141.04960	-1.8236	-08591	-12186	-0.5741	1.47093	3.30459	-0.03281
1.491	-3.156	-2.82741	-136.79680	-1.5998	-07527	-12190	-0.5735	1.47171	3.30745	-0.03153
1.491	-2.672	-2.84438	-131.79270	-1.3829	-06492	-12209	-0.5732	1.47361	3.31451	-0.02927
1.491	-2.191	-2.86277	-125.87840	-1.1577	-05429	-12292	-0.5765	1.47473	3.31866	-0.02822
1.491	-1.708	-2.88424	-118.93540	-0.9367	-04392	-12394	-0.5811	1.47526	3.32061	-0.02766
1.492	-1.224	-2.91648	-110.92470	-0.7168	-03359	-12549	-0.5880	1.47602	3.32343	-0.02701
1.491	-0.736	-2.95344	-102.04410	-0.4861	-02278	-12729	-0.5965	1.47585	3.32281	-0.02709
1.491	-.252	-2.99393	-92.76862	-0.2590	-01214	-12903	-0.6048	1.47557	3.32178	-0.02743
1.491	.260	-3.03420	-83.01779	-0.0195	-00091	-13140	-0.6158	1.47526	3.32064	-0.02733
1.491	.772	-3.07518	-73.82111	.02131	.00999	-13246	-0.6207	1.47566	3.32209	-0.02715
1.491	GRADIENT	-.05078	13.98476	.04590	.02166	-.00221	-.00094	.00141	.00521	.00167

(TCM043) ( 04 OCT 91 )

IA310 (AEDC 16TF-783) PROBE CALIBRATION

PARAMETRIC DATA

BETA = -3.000 PHI = 180.000

RUN NO. 1601/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
1.516	-7.094	-2.78722	-157.86960	-37248	-17722	-13770	-06552	1.49203	3.38325	-03690
1.516	-6.586	-2.78832	-156.30950	-35073	-16618	-13892	-06582	1.49584	3.39756	-03260
1.516	-6.093	-2.79002	-154.59140	-32829	-15517	-13760	-06504	1.49755	3.40403	-03016
1.517	-5.600	-2.79530	-152.59590	-30391	-14328	-13860	-06534	1.50052	3.41525	-02736
1.517	-5.109	-2.79955	-150.32310	-27843	-13092	-13712	-06447	1.50361	3.42694	-02447
1.517	-4.619	-2.80449	-147.69380	-25287	-11879	-13642	-06408	1.50380	3.42767	-02355
1.517	-4.132	-2.81175	-144.62910	-22877	-10742	-13717	-06441	1.50425	3.42936	-02329
1.517	-3.646	-2.81967	-141.04950	-20761	-09741	-13945	-06443	1.50479	3.43140	-02250
1.516	-3.155	-2.82732	-136.79680	-18368	-08611	-14052	-06588	1.50500	3.43221	-02176
1.516	-2.672	-2.84319	-131.75290	-15771	-07383	-14329	-06708	1.50648	3.43784	-02038
1.517	-2.189	-2.85785	-125.83850	-13061	-06109	-14418	-06743	1.50784	3.44301	-01926
1.517	-1.706	-2.88480	-118.85610	-10326	-04826	-14618	-06832	1.50839	3.44510	-01859
1.516	-1.222	-2.91726	-110.84540	-07676	-03585	-14644	-06839	1.50862	3.44597	-01780
1.517	-0.736	-2.95329	-102.00450	-04973	-02320	-14713	-06863	1.51009	3.45154	-01661
1.516	-0.250	-2.98854	-92.72896	-02387	-01113	-14949	-06971	1.50965	3.44989	-01650
1.517	.262	-3.03961	-82.97815	-00355	.00166	-15007	-06998	1.51068	3.45379	-01630
1.517	.772	-3.07508	-73.78148	.02971	.01385	-15069	-07028	1.51036	3.45260	-01654
GRADIENT		-.05087	13.98553	.05322	.02499	-.00278	-.00119	.00141	.00535	.00155

RUN NO. 1616/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
1.541	-7.093	-2.78866	-157.86980	-36686	-17348	-14812	-07005	1.52651	3.51446	-02579
1.541	-6.587	-2.78548	-156.34920	-33573	-15852	-14310	-06757	1.52783	3.51955	-02427
1.541	-6.093	-2.79191	-154.59160	-30532	-14389	-14057	-06625	1.52977	3.52703	-02233
1.541	-5.601	-2.79236	-152.63550	-27568	-12982	-13668	-06436	1.53104	3.53194	-02145
1.541	-5.110	-2.79693	-150.36280	-24671	-11612	-13490	-06350	1.53112	3.53223	-02105
1.542	-4.618	-2.80516	-147.69390	-21743	-10238	-13251	-06240	1.53123	3.53265	-02140
1.541	-4.127	-2.80956	-144.62890	-19008	-08950	-13116	-06176	1.53042	3.52951	-02151
1.541	-3.644	-2.82130	-141.04970	-16352	-07700	-12973	-06109	1.53048	3.52975	-02151
1.541	-3.155	-2.82678	-136.83650	-13793	-06492	-12660	-05959	1.53088	3.53131	-02102
1.541	-2.672	-2.84240	-131.79260	-11222	-05278	-12267	-05770	1.53144	3.53348	-02030
1.541	-2.187	-2.85860	-125.83850	-08667	-04072	-11481	-05394	1.53210	3.53809	-01920
1.541	-1.707	-2.88415	-118.89570	-06585	-03094	-10932	-05136	1.53210	3.53602	-01923
1.541	-1.220	-2.91203	-110.88490	-04724	-02218	-10544	-04950	1.53312	3.53998	-01846
1.541	-0.734	-2.95325	-102.00450	-02868	-01347	-10355	-04862	1.53307	3.53979	-01854
1.541	-0.250	-2.98852	-92.72896	-01166	-00548	-10378	-04873	1.53329	3.54063	-01854
1.541	.259	-3.03406	-83.01779	.00595	.00279	-10369	-04869	1.53287	3.53899	-01863
1.541	.770	-3.07535	-73.86075	.02428	.01140	-10411	-04886	1.53350	3.54145	-01811
GRADIENT		-.05048	13.98419	.04479	.02109	-.00654	.00311	.00059	.00228	.00072

(TCM044) ( 04 OCT 91 )

PARAMETRIC DATA

BETA = -2.500 PHI = 180.000

RUN NO. 1570/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
.599	-7.098	-2.23601	-161.60680	-.30811	-.06189	-.09684	-.01945	.57457	1.25080	-.01905
.599	-6.592	-2.23547	-160.28670	-.28733	-.05752	-.09707	-.01943	.57839	1.25442	-.01597
.599	-6.103	-2.23740	-158.80850	-.26579	-.05319	-.09543	-.01910	.58112	1.25703	-.01430
.599	-5.605	-2.23744	-157.09200	-.24484	-.04884	-.09396	-.01874	.58381	1.25962	-.01189
.599	-5.117	-2.24131	-155.09850	-.22365	-.04439	-.09320	-.01858	.58616	1.26189	-.01040
.599	-4.631	-2.24778	-152.74850	-.20224	-.04022	-.09236	-.01837	.58870	1.26435	-.00832
.600	-4.147	-2.25585	-149.96270	-.18179	-.03617	-.09181	-.01827	.59019	1.26581	-.00752
.600	-3.656	-2.26144	-146.62200	-.16168	-.03212	-.09204	-.01828	.59188	1.26746	-.00615
.599	-3.174	-2.27350	-142.56880	-.14087	-.02792	-.09243	-.01832	.59303	1.26860	-.00492
.600	-2.697	-2.28730	-137.68430	-.12039	-.02387	-.09208	-.01826	.59450	1.27004	-.00413
.600	-2.219	-2.30720	-131.65200	-.09994	-.01978	-.09212	-.01823	.59568	1.27120	-.00299
.600	-1.743	-2.33484	-124.27460	-.07856	-.01558	-.09251	-.01834	.59667	1.27219	-.00282
.599	-1.267	-2.37379	-115.39420	-.05879	-.01164	-.09263	-.01833	.59718	1.27270	-.00240
.599	-.789	-2.42242	-105.12970	-.03859	-.00762	-.09387	-.01855	.59766	1.27318	-.00140
.600	-.311	-2.48518	-94.07506	-.01899	-.00376	-.09528	-.01886	.59791	1.27342	-.00171
.600	.200	-2.54326	-82.38698	.00174	.00034	-.09754	-.01929	.59778	1.27329	-.00153
.600	.717	-2.60471	-71.56949	.02288	.00452	-.09937	-.01964	.59762	1.27313	-.00157
GRADIENT		-.06610	15.44498	.04233	.00841	-.00117	-.00021	.00174	.00172	.00132

RUN NO. 1460/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
.800	-7.069	-2.31212	-161.29090	-.29475	-.08886	-.09538	-.02876	.77409	1.48610	-.02577
.800	-6.563	-2.31393	-159.93110	-.27414	-.08238	-.09561	-.02873	.77747	1.49099	-.02244
.800	-6.066	-2.30982	-158.45220	-.25421	-.07611	-.09492	-.02842	.77986	1.49446	-.01951
.800	-5.573	-2.31307	-156.69630	-.23367	-.06985	-.09353	-.02796	.78290	1.49889	-.01701
.800	-5.085	-2.31776	-154.66300	-.21339	-.06361	-.09246	-.02756	.78519	1.50224	-.01454
.800	-4.594	-2.32230	-152.27300	-.19288	-.05742	-.09144	-.02722	.78747	1.50560	-.01262
.800	-4.100	-2.32488	-149.44710	-.17328	-.05146	-.09011	-.02676	.78927	1.50827	-.01060
.800	-3.613	-2.33144	-146.06680	-.15360	-.04554	-.08998	-.02668	.79092	1.51072	-.00891
.800	-3.126	-2.33632	-142.01330	-.13334	-.03949	-.09018	-.02671	.79228	1.51274	-.00767
.800	-2.638	-2.34961	-136.97010	-.11355	-.03359	-.09012	-.02666	.79370	1.51487	-.00632
.800	-2.158	-2.36425	-130.89810	-.09342	-.02762	-.08964	-.02649	.79455	1.51614	-.00539
.800	-1.675	-2.38293	-123.44120	-.07342	-.02168	-.08997	-.02656	.79541	1.51742	-.00454
.800	-1.194	-2.40941	-114.52090	-.05378	-.01587	-.08978	-.02649	.79605	1.51838	-.00387
.800	-.709	-2.44430	-104.17720	-.03415	-.01007	-.09060	-.02671	.79651	1.51908	-.00333
.800	-.229	-2.49143	-93.12241	-.01521	-.00448	-.09136	-.02694	.79690	1.51966	-.00324
.800	.283	-2.53796	-81.43430	.00467	.00138	-.09304	-.02742	.79693	1.51971	-.00298
.800	.797	-2.57959	-70.65654	.02462	.00725	-.09395	-.02769	.79701	1.51982	-.00286
GRADIENT		-.04748	15.40208	.04061	.01206	-.00047	-.00009	.00175	.00262	.00176

(TCMO44) ( 04 OCT 91 )

IA310 (AEDC 16TF-783) PROBE CALIBRATION

PARAMETRIC DATA

BETA = -2.500 PHI = 180.000

RUN NO. 1493/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
.900	-7.073	-2.29509	-161.36970	-.28924	-.09958	-.09082	-.03127	.87545	1.64732	-.02680
.900	-6.565	-2.29714	-160.00980	-.26935	-.09240	-.09121	-.03129	.87809	1.65195	-.02356
.899	-6.070	-2.29904	-158.49170	-.25031	-.08557	-.09017	-.03083	.88032	1.65588	-.02055
.900	-5.578	-2.29815	-156.77530	-.23089	-.07877	-.08887	-.03032	.88353	1.66156	-.01777
.900	-5.088	-2.30294	-154.74210	-.21141	-.07195	-.08742	-.02975	.88601	1.66599	-.01521
.900	-4.596	-2.30768	-152.35210	-.19212	-.06523	-.08660	-.02940	.88763	1.66889	-.01311
.900	-4.106	-2.31248	-149.52630	-.17312	-.05864	-.08633	-.02925	.88944	1.67213	-.01098
.900	-3.618	-2.31961	-146.14610	-.15406	-.05214	-.08600	-.02910	.89157	1.67596	-.00931
.900	-3.129	-2.32698	-142.05300	-.13481	-.04554	-.08589	-.02902	.89281	1.67820	-.00777
.900	-2.645	-2.33603	-137.08900	-.11550	-.03898	-.08572	-.02893	.89400	1.68036	-.00653
.900	-2.163	-2.35237	-130.97740	-.09635	-.03247	-.08555	-.02883	.89463	1.68151	-.00554
.900	-1.685	-2.37457	-123.56030	-.07714	-.02599	-.08563	-.02885	.89592	1.68386	-.00476
.900	-1.202	-2.40267	-114.60040	-.05833	-.01963	-.08577	-.02886	.89627	1.68449	-.00384
.900	-.722	-2.44368	-104.29630	-.03930	-.01322	-.08656	-.02912	.89673	1.68532	-.00345
.900	-.241	-2.48774	-93.24155	-.02141	-.00720	-.08725	-.02934	.89709	1.68598	-.00312
.900	.270	-2.53692	-81.55345	-.00203	-.00068	-.08886	-.02987	.89697	1.68576	-.00293
.900	.787	-2.58560	-70.73602	.01722	.00579	-.08979	-.03018	.89710	1.68600	-.00284
GRADIENT		-.05083	15.42179	.03910	.01325	-.00051	-.00012	.00171	.00310	.00186

RUN NO. 1477/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
1.100	-7.032	-2.42965	-160.77670	-.25394	-.10365	-.08606	-.03513	1.07650	2.07317	-.02817
1.100	-6.521	-2.42875	-159.37670	-.23632	-.09617	-.08527	-.03470	1.07952	2.08073	-.02487
1.100	-6.020	-2.43233	-157.77900	-.21831	-.08858	-.08548	-.03468	1.08226	2.08763	-.02170
1.100	-5.523	-2.42711	-156.02240	-.20111	-.08137	-.08396	-.03397	1.08476	2.09394	-.01873
1.100	-5.026	-2.43393	-153.86990	-.18327	-.07397	-.08310	-.03354	1.08681	2.09911	-.01621
1.100	-4.534	-2.43507	-151.44000	-.16594	-.06679	-.08202	-.03301	1.08841	2.10319	-.01377
1.100	-4.035	-2.43631	-148.53460	-.14823	-.05955	-.08170	-.03282	1.09045	2.10838	-.01165
1.100	-3.535	-2.43454	-145.07460	-.13103	-.05255	-.08078	-.03240	1.09188	2.11200	-.00993
1.100	-3.035	-2.45291	-140.86310	-.11269	-.04511	-.08105	-.03245	1.09310	2.11514	-.00819
1.100	-2.549	-2.44117	-136.01750	-.09516	-.03805	-.08026	-.03209	1.09412	2.11774	-.00693
1.100	-2.058	-2.44333	-129.82610	-.07754	-.03097	-.07940	-.03171	1.09483	2.11957	-.00591
1.100	-1.566	-2.45250	-122.25020	-.05974	-.02385	-.07911	-.03158	1.09613	2.12288	-.00493
1.100	-1.077	-2.46569	-113.25060	-.04251	-.01695	-.07852	-.03131	1.09630	2.12332	-.00430
1.100	-.583	-2.47822	-102.82740	-.02537	-.01011	-.07836	-.03123	1.09679	2.12458	-.00359
1.100	-.099	-2.49909	-91.73286	-.00869	-.00346	-.07844	-.03125	1.09697	2.12507	-.00334
1.100	.414	-2.52064	-80.08441	.00856	.00341	-.07887	-.03142	1.09737	2.12607	-.00308
1.100	.921	-2.53977	-69.42570	.02570	.01023	-.07900	-.03146	1.09725	2.12576	-.00302
GRADIENT		-.01822	15.27537	.03531	.01418	.00066	.00033	.00157	.00401	.00193

( TCM044 ) ( 04 OCT 91 )

## PARAMETRIC DATA

BETA = -2.500 PHI = 180.000

RUN NO. 1517/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
1.250	-7.059	-2.34079	-161.17220	-.26308	-.11576	-.08477	-.03730	1.22603	2.48423	-.02875
1.250	-6.549	-2.33972	-159.81200	-.24485	-.10736	-.08455	-.03708	1.22924	2.49386	-.02508
1.250	-6.056	-2.34462	-158.25430	-.22685	-.09914	-.08423	-.03681	1.23205	2.50229	-.02164
1.250	-5.559	-2.34474	-156.49810	-.20872	-.09092	-.08389	-.03654	1.23456	2.50985	-.01836
1.250	-5.062	-2.34356	-154.46440	-.19018	-.08263	-.08216	-.03570	1.23689	2.51688	-.01567
1.250	-4.571	-2.35021	-152.03490	-.17181	-.07454	-.08105	-.03517	1.23808	2.52047	-.01429
1.250	-4.078	-2.35180	-149.20890	-.15397	-.06667	-.08082	-.03500	1.23949	2.52474	-.01234
1.250	-3.587	-2.35558	-145.82850	-.13615	-.05884	-.08015	-.03464	1.24144	2.53065	-.01033
1.250	-3.101	-2.36287	-141.77520	-.11812	-.05097	-.07989	-.03447	1.24237	2.53347	-.00882
1.250	-2.615	-2.37354	-136.73190	-.10038	-.04324	-.07938	-.03420	1.24386	2.53801	-.00717
1.250	-2.128	-2.38604	-130.58060	-.08250	-.03551	-.07900	-.03400	1.24499	2.54145	-.00601
1.250	-1.645	-2.40148	-123.08400	-.06467	-.02781	-.07916	-.03404	1.24559	2.54328	-.00528
1.250	-1.159	-2.42297	-114.12400	-.04699	-.02019	-.07920	-.03403	1.24604	2.54466	-.00459
1.250	-.679	-2.45910	-103.78030	-.02974	-.01277	-.07985	-.03428	1.24665	2.54653	-.00376
1.250	-.193	-2.48974	-92.68584	-.01246	-.00535	-.08057	-.03463	1.24646	2.54593	-.00306
1.250	.318	-2.52938	-80.99777	.00515	.00221	-.08192	-.03516	1.24706	2.54779	-.00346
1.250	.832	-2.56958	-70.22000	.02292	.00983	-.08243	-.03537	1.24655	2.54622	-.00326
1.249	GRADIENT	-.04010	15.40611	.03621	.01568	-.00020	-.00002	.00161	.00489	.00201

RUN NO. 1533/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
1.400	-7.053	-2.35372	-161.13280	-.29132	-.13499	-.08921	-.04088	1.37431	2.96027	-.02986
1.400	-6.544	-2.35208	-159.77260	-.27175	-.12545	-.08739	-.04034	1.37779	2.97220	-.02598
1.400	-6.050	-2.35657	-158.21480	-.25166	-.11584	-.08676	-.03994	1.38017	2.98039	-.02306
1.400	-5.553	-2.35555	-156.45850	-.23136	-.10614	-.08657	-.03972	1.38264	2.98893	-.01968
1.400	-5.060	-2.35989	-154.38540	-.21115	-.09664	-.08625	-.03947	1.38471	2.99604	-.01727
1.400	-4.564	-2.36251	-151.99530	-.19204	-.08765	-.08569	-.03911	1.38755	3.00588	-.01440
1.400	-4.076	-2.36668	-149.16960	-.17276	-.07866	-.08508	-.03874	1.38961	3.01304	-.01198
1.400	-3.582	-2.37393	-145.70990	-.15277	-.06943	-.08457	-.03843	1.39117	3.01846	-.01006
1.400	-3.092	-2.37288	-141.65610	-.13231	-.06004	-.08439	-.03829	1.39255	3.02325	-.00851
1.400	-2.605	-2.38286	-136.61280	-.11264	-.05102	-.08381	-.03796	1.39385	3.02777	-.00674
1.400	-2.118	-2.39452	-130.42170	-.09257	-.04188	-.08337	-.03772	1.39482	3.03116	-.00563
1.400	-1.634	-2.40964	-122.92520	-.07210	-.03261	-.08353	-.03778	1.39526	3.03302	-.00528
1.400	-1.148	-2.42779	-113.96520	-.05341	-.02414	-.08348	-.03774	1.39624	3.03608	-.00461
1.400	-.662	-2.46408	-103.54230	-.03395	-.01534	-.08383	-.03788	1.39570	3.03420	-.00442
1.400	-.177	-2.49093	-92.44778	-.01516	-.00685	-.08497	-.03803	1.39637	3.03668	-.00390
1.400	.333	-2.53255	-80.79930	.00450	.00203	-.08641	-.03903	1.39637	3.03657	-.00387
1.400	.845	-2.56564	-70.06120	.02410	.01088	-.08699	-.03928	1.39712	3.03918	-.00344
1.400	GRADIENT	-.03684	15.40211	.04018	.01829	-.00018	-.00001	.00161	.00562	.00188

(TCMO44) ( 04 OCT 91 )

PARAMETRIC DATA

BETA = -2.500 PHI = 180.000

RUN NO. 1551/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
1.450	-7.083	-2.24473	-161.56680	-30626	-14389	-09269	-04355	1.42363	3.13273	-0.03040
1.450	-6.580	-2.24938	-160.20740	-28599	-13399	-09263	-04340	1.42609	3.14152	-0.02753
1.451	-6.087	-2.24766	-158.72880	-26556	-12402	-09170	-04282	1.42950	3.15372	-0.02406
1.450	-5.596	-2.25359	-156.97310	-24365	-11344	-09212	-04289	1.43101	3.15913	-0.02120
1.450	-5.106	-2.25938	-154.93990	-22297	-10366	-09031	-04199	1.43312	3.16671	-0.01951
1.450	-4.616	-2.26215	-152.58960	-20293	-09407	-09021	-04182	1.43538	3.17484	-0.01663
1.450	-4.127	-2.26623	-149.80360	-18412	-08508	-09012	-04164	1.43824	3.18514	-0.01339
1.450	-3.640	-2.27518	-146.46320	-16337	-07533	-08972	-04137	1.44019	3.19219	-0.01121
1.449	-3.158	-2.28446	-142.40990	-14253	-06557	-09033	-04156	1.44139	3.19653	-0.00906
1.449	-2.676	-2.29683	-137.48580	-12155	-05585	-08917	-04097	1.44225	3.19961	-0.00790
1.450	-2.202	-2.31769	-131.45360	-10047	-04614	-08884	-04080	1.44394	3.20574	-0.00711
1.450	-1.726	-2.34594	-124.03660	-07998	-03672	-08910	-04091	1.44380	3.20524	-0.00688
1.450	-1.249	-2.38484	-115.11650	-06004	-02755	-09005	-04132	1.44464	3.20829	-0.00627
1.450	-0.769	-2.42811	-104.81240	-03998	-01834	-09123	-04184	1.44493	3.20935	-0.00585
1.450	-0.291	-2.48658	-93.79736	-02020	-00926	-09263	-04249	1.44473	3.20860	-0.00597
1.450	.220	-2.54617	-82.10925	.00073	.00034	-09464	-04338	1.44489	3.20921	-0.00541
1.450	.736	-2.60049	-71.29178	.02143	.00982	-09613	-04406	1.44554	3.21154	-0.00518
GRADIENT		.06331	15.46705	.04236	.01958	.00097	.00037	.00165	.00596	.00185

RUN NO. 1635/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
1.470	-7.080	-2.26295	-161.48770	-31230	-14799	-09556	-04528	1.43998	3.19143	-0.04076
1.469	-6.577	-2.26712	-160.12810	-29214	-13805	-09449	-04465	1.44183	3.19812	-0.03797
1.469	-6.086	-2.27192	-158.61030	-27192	-12801	-09434	-04441	1.44531	3.21071	-0.03409
1.469	-5.591	-2.27509	-156.85440	-25145	-11799	-09409	-04415	1.44777	3.21966	-0.03077
1.469	-5.097	-2.27760	-154.82100	-22939	-10730	-09356	-04377	1.45025	3.22866	-0.02766
1.470	-4.609	-2.28328	-152.47090	-20692	-09664	-09267	-04328	1.45294	3.23847	-0.02578
1.468	-4.120	-2.28621	-149.68480	-18626	-08692	-09122	-04257	1.45194	3.23483	-0.02505
1.470	-3.632	-2.29396	-146.30460	-16491	-07689	-09034	-04207	1.45448	3.24410	-0.02328
1.470	-3.150	-2.30164	-142.29100	-14310	-06663	-09034	-04207	1.45583	3.24905	-0.02176
1.471	-2.670	-2.31691	-137.32720	-12261	-05699	-08996	-04181	1.45792	3.25667	-0.01979
1.470	-2.185	-2.33245	-131.21550	-10174	-04723	-09001	-04178	1.45789	3.25657	-0.01879
1.470	-1.710	-2.36119	-123.79860	-08109	-03762	-08964	-04159	1.45894	3.26042	-0.01813
1.470	-1.232	-2.39152	-114.91800	-06145	-02852	-09023	-04187	1.45845	3.25863	-0.01827
1.470	-0.748	-2.43309	-104.57430	-04119	-01911	-09168	-04254	1.45876	3.25976	-0.01805
1.471	-0.271	-2.49227	-93.55919	-02145	-00995	-09335	-04331	1.45947	3.26237	-0.01797
1.470	.242	-2.54252	-81.87105	.00037	.00017	-09569	-04437	1.45913	3.26110	-0.01761
1.470	.756	-2.59282	-71.09325	.02019	.00955	-09510	-04496	1.45873	3.25966	-0.01730
1.484		.05788	15.43899	.04249	.01984	.00065	.00031	.00130	.00476	.00159



(TCMO44) ( 04 OCT 91 )

## PARAMETRIC DATA

BETA = -2.500 PHI = 180.000

RUN NO. 1586/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
1.491	-7.079	-2.28295	-161.40920	-.32912	-.15729	-.09894	-.04729	1.45791	3.25664	-.04772
1.492	-6.571	-2.28428	-160.04930	-.30847	-.14700	-.09729	-.04636	1.46106	3.26822	-.04460
1.491	-6.082	-2.28375	-158.57080	-.28632	-.13616	-.09755	-.04639	1.46246	3.27332	-.04265
1.491	-5.586	-2.28636	-156.81480	-.26655	-.12643	-.09772	-.04635	1.46468	3.28152	-.03993
1.492	-5.091	-2.28859	-154.78140	-.24518	-.11612	-.09747	-.04616	1.46648	3.28816	-.03795
1.492	-4.603	-2.29556	-152.39160	-.22408	-.10592	-.09760	-.04614	1.46814	3.29426	-.03593
1.492	-4.111	-2.30195	-149.56590	-.20242	-.09551	-.09709	-.04581	1.47021	3.30190	-.03400
1.491	-3.622	-2.30933	-146.18570	-.18110	-.08530	-.09724	-.04580	1.47133	3.30604	-.03244
1.492	-3.141	-2.31518	-142.17200	-.15916	-.07483	-.09806	-.04610	1.47330	3.31335	-.03033
1.492	-2.659	-2.32844	-137.20820	-.13656	-.06410	-.09804	-.04602	1.47459	3.31815	-.02868
1.491	-2.175	-2.34135	-131.13610	-.11531	-.05411	-.09900	-.04646	1.47456	3.31801	-.02844
1.491	-1.701	-2.36880	-123.71910	-.09286	-.04356	-.10018	-.04700	1.47470	3.31854	-.02827
1.491	-1.219	-2.39840	-114.79890	-.07096	-.03328	-.10207	-.04787	1.47505	3.31985	-.02798
1.492	-.736	-2.43724	-104.45510	-.04817	-.02259	-.10453	-.04901	1.47579	3.32256	-.02767
1.492	-.256	-2.48889	-93.40036	-.02557	-.01199	-.10660	-.04999	1.47542	3.32121	-.02782
1.492	.257	-2.54133	-81.71225	-.00163	-.00076	-.10954	-.05137	1.47519	3.32037	-.02788
1.492	.772	-2.58808	-70.89484	.02185	.01025	-.11075	-.05194	1.47543	3.32122	-.02788
GRADIENT		-.05395	15.42905	.04593	.02167	-.00265	-.00118	.00120	.00446	.00138

RUN NO. 1602/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
1.516	-7.084	-2.28304	-161.40920	-.37298	-.17698	-.11179	-.05310	1.49261	3.38541	-.03544
1.516	-6.572	-2.27856	-160.08860	-.34918	-.16534	-.11158	-.05283	1.49552	3.39638	-.03222
1.517	-6.076	-2.28438	-158.53100	-.32620	-.15395	-.11168	-.05271	1.49968	3.41205	-.02858
1.517	-5.580	-2.28692	-156.77500	-.30210	-.14223	-.11134	-.05242	1.50188	3.42041	-.02603
1.516	-5.096	-2.28973	-154.78150	-.27665	-.13005	-.10913	-.05130	1.50295	3.42444	-.02450
1.517	-4.604	-2.29408	-152.39150	-.25100	-.11798	-.10783	-.05069	1.50319	3.42535	-.02393
1.517	-4.112	-2.29940	-149.56580	-.22826	-.10727	-.10974	-.05157	1.50425	3.42937	-.02357
1.517	-3.624	-2.30666	-146.18560	-.20549	-.09647	-.11155	-.05237	1.50448	3.43025	-.02259
1.517	-3.139	-2.31756	-142.09270	-.18065	-.08471	-.11269	-.05284	1.50559	3.43443	-.02126
1.517	-2.660	-2.32827	-137.16850	-.15392	-.07201	-.11405	-.05336	1.50758	3.44200	-.01905
1.517	-2.178	-2.34502	-131.09650	-.12809	-.05981	-.11538	-.05387	1.50935	3.44875	-.01713
1.517	-1.698	-2.36381	-123.67930	-.10140	-.04735	-.11668	-.05448	1.50937	3.44883	-.01718
1.517	-1.218	-2.39898	-114.71960	-.07609	-.03551	-.11735	-.05477	1.50949	3.44927	-.01689
1.517	-.736	-2.44227	-104.41560	-.05094	-.02375	-.11870	-.05536	1.51030	3.45235	-.01612
1.517	-.255	-2.48914	-93.36072	-.02504	-.01168	-.12111	-.05647	1.51055	3.45332	-.01602
1.517	.257	-2.54132	-81.67264	.00132	.00062	-.12332	-.05747	1.51114	3.45556	-.01585
1.516	.771	-2.58876	-70.89484	.02802	.01306	-.12385	-.05771	1.51038	3.45266	-.01594
GRADIENT		-.05446	15.42836	.05263	.02472	-.00293	-.00127	.00153	.00582	.00169

(TCM044) ( 04 OCT 91 )

IA310 (AEDC 16TF-783) PROBE CALIBRATION

PARAMETRIC DATA

BETA = -2.500 PHI = 180.000

RUN NO. 1617/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PHI	CPAQ	CPALPH	CPBO	CPBETA	MPROBE	CPM	CPTD
1.541	-7.079	-2.27770	-161.44850	-.36246	-.17148	-.11915	-.05637	1.52579	3.51166	-.02629
1.541	-6.570	-2.28413	-160.04930	-.33074	-.15609	-.11543	-.05448	1.52881	3.52332	-.02357
1.541	-6.076	-2.28147	-158.57060	-.29969	-.14121	-.11330	-.05339	1.53030	3.52906	-.02190
1.541	-5.581	-2.28401	-156.81460	-.27068	-.12751	-.11132	-.05244	1.53035	3.52926	-.02165
1.541	-5.091	-2.28842	-154.78140	-.24187	-.11393	-.10942	-.05154	1.53042	3.52954	-.02157
1.541	-4.603	-2.29502	-152.39160	-.21301	-.10035	-.10788	-.05082	1.53044	3.52961	-.02168
1.541	-4.115	-2.30354	-149.56610	-.18555	-.08741	-.10587	-.04988	1.52994	3.52766	-.02169
1.541	-3.624	-2.30557	-146.22530	-.15796	-.07440	-.10279	-.04841	1.53030	3.52906	-.02142
1.542	-3.136	-2.31140	-142.17180	-.13120	-.06173	-.09779	-.04601	1.53199	3.53559	-.02014
1.542	-2.659	-2.32784	-137.20820	-.10449	-.04912	-.09201	-.04325	1.53280	3.53874	-.01917
1.541	-2.175	-2.34010	-131.13600	-.08254	-.03878	-.08714	-.04094	1.53365	3.54204	-.01859
1.541	-1.697	-2.37005	-123.63980	-.06308	-.02965	-.08415	-.03955	1.53271	3.53839	-.01902
1.541	-1.218	-2.39840	-114.75920	-.04553	-.02142	-.08258	-.03884	1.53211	3.53605	-.01984
1.542	-.737	-2.44207	-104.45520	-.02827	-.01330	-.08166	-.03843	1.53226	3.53663	-.02014
1.542	-.254	-2.48911	-93.36072	-.01239	-.00583	-.08287	-.03899	1.53204	3.53578	-.01995
1.542	.257	-2.54149	-81.71225	.00551	.00259	-.08315	-.03911	1.53274	3.53850	-.01940
1.541	.771	-2.58860	-70.93446	.02253	.01059	-.08262	-.03884	1.53262	3.53803	-.01899
GRADIENT		-.05446	15.42619	.04349	.02048	.00527	.00250	.00043	.00166	.00042

IA310 (AEDC 16TF-783) TABULATED DATA  
IA310 (AEDC 16TF-783) PROBE CALIBRATION

(TCM045) ( 04 OCT 91 )

## PARAMETRIC DATA

BETA = -2.000 PHI = 180.000

RUN NO. 1571/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
.599	-7.078	-1.73062	-165.30610	-.30673	-.06149	-.07526	-.01509	.57514	1.25134	-.01823
.599	-6.577	-1.72564	-164.26540	-.28489	-.05708	-.07431	-.01489	.57869	1.25470	-.01602
.599	-6.082	-1.72791	-163.02700	-.26405	-.05269	-.07336	-.01464	.58225	1.25812	-.01293
.600	-5.586	-1.72895	-161.59010	-.24236	-.04839	-.07232	-.01444	.58472	1.26049	-.01159
.599	-5.096	-1.73104	-159.91540	-.22141	-.04406	-.07095	-.01412	.58693	1.26263	-.00951
.600	-4.607	-1.73442	-157.92360	-.20057	-.03991	-.07024	-.01397	.58972	1.26535	-.00779
.600	-4.121	-1.74144	-155.49590	-.18024	-.03583	-.07032	-.01398	.59118	1.26678	-.00670
.600	-3.632	-1.74886	-152.51320	-.15966	-.03169	-.07035	-.01394	.59246	1.26803	-.00558
.600	-3.149	-1.75400	-148.89670	-.13920	-.02760	-.06994	-.01387	.59423	1.26978	-.00431
.600	-2.668	-1.76466	-144.29000	-.11781	-.02337	-.06946	-.01378	.59589	1.27142	-.00345
.600	-2.194	-1.78235	-138.37690	-.09720	-.01926	-.06972	-.01381	.59652	1.27204	-.00277
.600	-1.723	-1.80804	-130.76200	-.07758	-.01537	-.06935	-.01374	.59745	1.27296	-.00214
.600	-1.258	-1.85145	-120.97120	-.05753	-.01139	-.07017	-.01390	.59800	1.27351	-.00175
.600	-.788	-1.90326	-108.92620	-.03855	-.00762	-.07176	-.01418	.59791	1.27342	-.00133
.600	-.317	-1.97205	-95.30020	-.01918	-.00380	-.07376	-.01460	.59863	1.27414	-.00124
.600	.194	-2.05130	-80.72488	.00165	.00033	-.07641	-.01511	.59839	1.27389	-.00122
.600	.719	-2.12437	-67.57410	.02227	.00440	-.07933	-.01569	.59823	1.27374	-.00128
GRADIENT		-.07064	17.10911	.04211	.00837	-.00139	-.00026	.00166	.00164	.00125

RUN NO. 1461/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
.800	-7.059	-1.80353	-165.02980	-.29305	-.08824	-.07413	-.02232	.77511	1.48758	-.02465
.800	-6.553	-1.80461	-163.90990	-.27241	-.08181	-.07455	-.02239	.77837	1.49229	-.02163
.800	-6.054	-1.80685	-162.63160	-.25247	-.07554	-.07361	-.02203	.78087	1.49593	-.01864
.800	-5.558	-1.80907	-161.15490	-.23193	-.06923	-.07180	-.02143	.78347	1.49972	-.01611
.800	-5.065	-1.80645	-159.47990	-.21184	-.06311	-.07079	-.02109	.78617	1.50369	-.01374
.800	-4.575	-1.81290	-157.40880	-.19192	-.05704	-.07080	-.02104	.78800	1.50639	-.01167
.800	-4.084	-1.81711	-154.94110	-.17230	-.05115	-.07042	-.02091	.79012	1.50953	-.00993
.800	-3.596	-1.82019	-151.95830	-.15199	-.04505	-.06996	-.02074	.79189	1.51216	-.00824
.800	-3.105	-1.82459	-148.22260	-.13165	-.03895	-.06970	-.02062	.79303	1.51387	-.00685
.800	-2.618	-1.83044	-143.53650	-.11170	-.03300	-.06943	-.02051	.79429	1.51574	-.00554
.800	-2.140	-1.84440	-137.54410	-.09186	-.02713	-.06907	-.02040	.79528	1.51723	-.00475
.800	-1.664	-1.86552	-129.81030	-.07249	-.02139	-.06895	-.02034	.79597	1.51827	-.00394
.800	-1.187	-1.89326	-119.90050	-.05303	-.01564	-.06923	-.02042	.79675	1.51944	-.00337
.800	-.709	-1.92875	-107.73660	-.03429	-.01010	-.06920	-.02069	.79694	1.51972	-.00286
.800	-.234	-1.98354	-94.07101	-.01554	-.00458	-.07145	-.02105	.79751	1.52058	-.00253
.800	.278	-2.04179	-79.49565	.00395	.00116	-.07315	-.02155	.79749	1.52056	-.00238
.800	.798	-2.09695	-66.46375	.02437	.00718	-.07469	-.02201	.79770	1.52087	-.00242
GRADIENT		-.05070	17.07142	.04041	.01199	-.00058	-.00014	.00173	.00259	.00171

IA310 (AEDC 16TF-783) PROBE CALIBRATION (TCM045) ( 04 OCT 91 )

## PARAMETRIC DATA

BETA = -2.000 PHI = 180.000

RUN NO. 1495/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
.900	-7.060	-1.79135	-165.06920	-.28133	-.09676	-.07020	-.02414	.87585	1.64801	-.02608
.900	-6.552	-1.79246	-163.94930	-.26171	-.08971	-.07070	-.02423	.87907	1.65366	-.02264
.900	-6.059	-1.79194	-162.71060	-.24227	-.08280	-.06967	-.02381	.88146	1.65789	-.01979
.900	-5.561	-1.79410	-161.23390	-.22265	-.07591	-.06931	-.02363	.88450	1.66329	-.01692
.900	-5.066	-1.79533	-159.51940	-.20343	-.06919	-.06774	-.02304	.88674	1.66729	-.01446
.900	-4.581	-1.80009	-157.48790	-.18428	-.06255	-.06753	-.02292	.88877	1.67092	-.01237
.900	-4.089	-1.80472	-155.02030	-.16516	-.05597	-.06707	-.02270	.89106	1.67505	-.01024
.900	-3.595	-1.80566	-152.03730	-.14614	-.04944	-.06709	-.02273	.89214	1.67699	-.00887
.900	-3.113	-1.81291	-148.34160	-.12685	-.04281	-.06551	-.02211	.89326	1.67903	-.00700
.900	-2.624	-1.82105	-143.61590	-.10741	-.03623	-.06621	-.02233	.89467	1.68158	-.00596
.900	-2.142	-1.83194	-137.62330	-.08854	-.02982	-.06652	-.02241	.89535	1.68281	-.00492
.900	-1.669	-1.85145	-129.92910	-.06978	-.02348	-.06762	-.02275	.89612	1.68421	-.00400
.900	-1.196	-1.88342	-120.05910	-.05122	-.01722	-.06876	-.02312	.89677	1.68540	-.00331
.899	-.720	-1.92631	-107.85570	-.03301	-.01109	-.06985	-.02347	.89689	1.68562	-.00277
.900	-.245	-1.98345	-94.19006	-.01495	-.00503	-.07089	-.02383	.89759	1.68690	-.00262
.900	.267	-2.04498	-79.61469	.00364	.00122	-.07222	-.02427	.89755	1.68682	-.00243
.900	.786	-2.09850	-66.58282	.02346	.00788	-.07307	-.02455	.89790	1.68747	-.00231
GRADIENT		-.05397	17.08917	.03886	.01317	-.00119	-.00036	.00161	.00291	.00184

RUN NO. 1478/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
1.102	-7.027	-1.93003	-164.43690	-.25292	-.10341	-.06706	-.02742	1.07881	2.07896	-.02834
1.101	-6.516	-1.92877	-163.27690	-.23502	-.09565	-.06793	-.02765	1.08108	2.08465	-.02429
1.100	-6.017	-1.92913	-161.95850	-.21704	-.08797	-.06785	-.02750	1.08335	2.09038	-.02053
1.100	-5.516	-1.92780	-160.44180	-.19969	-.08071	-.06688	-.02703	1.08536	2.09545	-.01782
1.100	-5.025	-1.93127	-158.64790	-.18211	-.07341	-.06596	-.02659	1.08776	2.10152	-.01498
1.100	-4.523	-1.93350	-156.49700	-.16489	-.06633	-.06453	-.02596	1.08949	2.10593	-.01294
1.100	-4.021	-1.94621	-153.99030	-.14715	-.05907	-.06406	-.02572	1.09097	2.10969	-.01087
1.100	-3.531	-1.92978	-151.12570	-.12984	-.05201	-.06322	-.02520	1.09210	2.11259	-.00904
1.100	-3.035	-1.93258	-147.27090	-.11163	-.04466	-.06286	-.02514	1.09398	2.11737	-.00733
1.100	-2.542	-1.93273	-142.46560	-.09385	-.03748	-.06227	-.02487	1.09464	2.11908	-.00597
1.100	-2.052	-1.93755	-136.31440	-.07636	-.03048	-.06171	-.02464	1.09579	2.12202	-.00518
1.100	-1.560	-1.94669	-128.34270	-.05903	-.02352	-.06140	-.02447	1.09635	2.12347	-.00385
1.100	-1.075	-1.95695	-118.35360	-.04166	-.01660	-.06129	-.02442	1.09689	2.12485	-.00340
1.100	-.588	-1.97162	-106.07090	-.02534	-.01009	-.06116	-.02436	1.09744	2.12627	-.00290
1.100	-.103	-1.99713	-92.32605	-.00848	-.00337	-.06173	-.02457	1.09765	2.12679	-.00255
1.100	.405	-2.02171	-77.82996	.00803	.00320	-.06191	-.02465	1.09782	2.12722	-.00251
1.100	.915	-2.04641	-64.99631	.02522	.01004	-.06211	-.02472	1.09786	2.12734	-.00230
1.100		-.01898	16.97772	.03511	.01409	.00048	.00024	.00154	.00395	.00191

( TCM045 ) ( 04 OCT 91 )

## PARAMETRIC DATA

BETA = -2.000 PHI = 180.000

RUN NO. 1518/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
1.250	-7.049	-1.83571	-164.87160	-.26185	-.11511	-.06565	-.02886	1.22727	2.48795	-.02765
1.250	-6.539	-1.83441	-163.75150	-.24350	-.10668	-.06555	-.02872	1.22980	2.49554	-.02426
1.250	-6.042	-1.83477	-162.47290	-.22546	-.09845	-.06548	-.02859	1.23283	2.50464	-.02081
1.250	-5.546	-1.83980	-160.95680	-.20716	-.09015	-.06493	-.02826	1.23563	2.51307	-.01730
1.250	-5.047	-1.83806	-159.24200	-.18855	-.08188	-.06333	-.02750	1.23700	2.51721	-.01531
1.249	-4.558	-1.84410	-157.17090	-.17025	-.07381	-.06317	-.02738	1.23803	2.52032	-.01365
1.250	-4.063	-1.84606	-154.70310	-.15307	-.06621	-.06197	-.02680	1.24059	2.52808	-.01116
1.250	-3.575	-1.85115	-151.68070	-.13518	-.05839	-.06152	-.02657	1.24182	2.53181	-.00971
1.250	-3.082	-1.84985	-147.98460	-.11680	-.05036	-.06109	-.02634	1.24352	2.53699	-.00791
1.250	-2.598	-1.86042	-143.21930	-.09874	-.04251	-.06102	-.02627	1.24479	2.54084	-.00635
1.250	-2.112	-1.86601	-137.18700	-.08079	-.03473	-.06101	-.02623	1.24561	2.54335	-.00504
1.250	-1.636	-1.88595	-129.41360	-.06368	-.02735	-.06087	-.02614	1.24609	2.54481	-.00412
1.250	-1.157	-1.90526	-119.50380	-.04629	-.01987	-.06151	-.02641	1.24669	2.54664	-.00362
1.250	-.678	-1.94350	-107.22120	-.02957	-.01266	-.06226	-.02671	1.24706	2.54776	-.00297
1.250	-.201	-1.98972	-93.55554	-.01276	-.00547	-.06337	-.02719	1.24770	2.54972	-.00288
1.249	.313	-2.03967	-78.98018	.00489	.00210	-.06491	-.02783	1.24728	2.54844	-.00263
1.250	.830	-2.08287	-65.98795	.02290	.00982	-.06561	-.02814	1.24772	2.54979	-.00266
		-.04291	17.07617	.03604	.01559	-.00053	-.00017	.00167	.00507	.00201

RUN NO. 1534/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
1.400	-7.044	-1.84950	-164.83230	-.29013	-.13433	-.06705	-.03105	1.37501	2.96265	-.02908
1.400	-6.539	-1.84851	-163.71220	-.27042	-.12472	-.06702	-.03091	1.37814	2.97341	-.02514
1.400	-6.036	-1.85159	-162.39400	-.25000	-.11496	-.06707	-.03084	1.38122	2.98401	-.02194
1.400	-5.541	-1.85210	-160.91730	-.22979	-.10542	-.06639	-.03046	1.38365	2.99240	-.01948
1.400	-5.046	-1.85630	-159.16320	-.20988	-.09599	-.06583	-.03011	1.38572	2.99955	-.01644
1.400	-4.554	-1.85473	-157.13130	-.19108	-.08714	-.06514	-.02970	1.38789	3.00708	-.01359
1.400	-4.058	-1.85913	-154.62390	-.17164	-.07812	-.06459	-.02940	1.39011	3.01476	-.01158
1.399	-3.570	-1.86225	-151.60140	-.15140	-.06874	-.06434	-.02921	1.39150	3.01959	-.00921
1.400	3.074	-1.86339	-147.82590	-.13059	-.05921	-.06384	-.02894	1.39314	3.02528	-.00769
1.400	-2.590	-1.87198	-143.06060	-.11063	-.05009	-.06342	-.02871	1.39413	3.02873	-.00639
1.400	-2.108	-1.88101	-137.02850	-.09091	-.04113	-.06261	-.02833	1.39574	3.03437	-.00538
1.400	-1.621	-1.89184	-129.17560	-.07118	-.03219	-.06211	-.02821	1.39574	3.03293	-.00516
1.400	-1.143	-1.91399	-119.22630	-.05255	-.02374	-.06379	-.02882	1.39658	3.03727	-.00403
1.400	-.662	-1.94446	-106.94360	-.03380	-.01527	-.06467	-.02921	1.39653	3.03712	-.00392
1.400	-.184	-1.99231	-93.23843	-.01522	-.00687	-.06591	-.02975	1.39703	3.03884	-.00327
1.400	.329	-2.03788	-78.70267	.00447	.00202	-.06761	-.03052	1.39710	3.03910	-.00329
1.400	.847	-2.08247	-65.74998	.02442	.01102	-.06858	-.03096	1.39727	3.03969	-.00328
		-.03996	17.07821	.04006	.01822	-.00059	-.00021	.00164	.00570	.00183

(TCM045) ( 04 OCT 91 )

IA310 (AEDC 16TF-783) PROBE CALIBRATION

PARAMETRIC DATA

BETA = -2.000 PHI = 180.000

RUN NO. 1552/ O RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
1.450	-7.072	-1.74103	-165.26630	-.30471	-.14307	-.07039	-.03305	1.42416	3.13464	-.02976
1.450	-6.564	-1.73846	-164.18600	-.28446	-.13316	-.07054	-.03302	1.42722	3.14556	-.02657
1.450	-6.068	-1.74346	-162.90790	-.26357	-.12299	-.07102	-.03314	1.42969	3.15439	-.02335
1.450	-5.576	-1.74390	-161.47100	-.24228	-.11277	-.06979	-.03248	1.43117	3.15971	-.02097
1.450	-5.085	-1.74811	-159.75670	-.22104	-.10268	-.06984	-.03245	1.43308	3.16657	-.01891
1.450	-4.596	-1.74973	-157.76480	-.20232	-.09364	-.06892	-.03190	1.43660	3.17922	-.01512
1.449	-4.104	-1.75641	-155.29740	-.18264	-.08431	-.06834	-.03154	1.43851	3.18612	-.01248
1.451	-3.615	-1.76125	-152.35440	-.16199	-.07462	-.06772	-.03120	1.44199	3.19868	-.01007
1.450	-3.130	-1.76740	-148.69830	-.14085	-.06475	-.06744	-.03101	1.44272	3.20134	-.00825
1.450	-2.651	-1.77599	-144.09160	-.11898	-.05467	-.06742	-.03098	1.44286	3.20182	-.00774
1.450	-2.180	-1.79662	-138.13900	-.09842	-.04519	-.06718	-.03085	1.44318	3.20300	-.00721
1.451	-1.705	-1.81743	-130.48440	-.07867	-.03611	-.06755	-.03101	1.44506	3.20983	-.00648
1.450	-1.239	-1.85405	-120.69360	-.05937	-.02723	-.06869	-.03150	1.44444	3.20757	-.00588
1.450	-.767	-1.90630	-108.52980	-.03991	-.01829	-.07044	-.03228	1.44513	3.21007	-.00521
1.450	-.297	-1.97926	-94.90388	-.02023	-.00927	-.07254	-.03324	1.44575	3.21229	-.00487
1.450	.217	-2.05404	-80.28891	.00066	.00030	-.07532	-.03449	1.44607	3.21348	-.00443
1.450	.738	-2.11961	-67.25696	.02171	.00995	-.07696	-.03526	1.44563	3.21188	-.00478
GRADIENT		-.06726	17.13468	.04230	.01953	-.00149	-.00063	.00155	.00560	.00178

RUN NO. 1636/ O RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
1.470	-7.065	-1.75897	-165.18710	-.31051	-.14720	-.07247	-.03435	1.44041	3.19299	-.04018
1.470	-6.561	-1.76171	-164.06740	-.29034	-.13717	-.07245	-.03423	1.44241	3.20019	-.03691
1.470	-6.061	-1.75976	-162.82860	-.27033	-.12722	-.07159	-.03369	1.44650	3.21503	-.03277
1.469	-5.573	-1.76592	-161.35240	-.24913	-.11686	-.07229	-.03391	1.44844	3.22210	-.02955
1.470	-5.082	-1.76881	-159.63800	-.22661	-.10606	-.07143	-.03343	1.45116	3.23200	-.02714
1.470	-4.585	-1.77264	-157.60650	-.20514	-.09589	-.07075	-.03307	1.45175	3.23415	-.02594
1.470	-4.099	-1.77761	-155.17870	-.18409	-.08590	-.06956	-.03246	1.45397	3.24224	-.02410
1.470	-3.610	-1.77899	-152.23550	-.16284	-.07586	-.06876	-.03203	1.45509	3.24633	-.02242
1.470	-3.129	-1.78824	-148.53980	-.14156	-.06582	-.06840	-.03181	1.45660	3.25185	-.02054
1.469	-2.642	-1.79458	-143.89340	-.12059	-.05596	-.06797	-.03154	1.45717	3.25393	-.01915
1.470	-2.165	-1.81134	-137.90100	-.09946	-.04617	-.06772	-.03144	1.45841	3.25847	-.01886
1.470	-1.692	-1.83465	-130.20680	-.08032	-.03729	-.06758	-.03138	1.45833	3.25818	-.01893
1.470	-1.222	-1.86963	-120.37640	-.06120	-.02839	-.06913	-.03207	1.45923	3.26147	-.01825
1.470	-.748	-1.91745	-108.21260	-.04175	-.01938	-.07139	-.03310	1.45891	3.26033	-.01793
1.470	-.274	-1.98093	-94.58664	-.02175	-.01008	-.07355	-.03410	1.45946	3.26235	-.01767
1.470	.237	-2.05034	-80.05089	-.00031	.00014	-.07653	-.03548	1.45925	3.26155	-.01762
1.469	.759	-2.11068	-66.97935	.02108	.00977	-.07817	-.03622	1.45940	3.26209	-.01724
GRADIENT		-.06164	17.11458	.04228	.01973	-.00143	-.00061	.00130	.00477	.00147

( TCM045 ) ( 04 OCT 91 )

## PARAMETRIC DATA

BETA = -2.000 PHI = 180.000

RUN NO. 1587/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
1.492	-7.065	-1.77745	-165.10840	-.32825	-.15666	-.07459	-.03560	1.45963	3.26296	-.04586
1.492	-6.558	-1.77388	-164.02800	-.30599	-.14576	-.07445	-.03547	1.46178	3.27084	-.04353
1.492	-6.061	-1.77744	-162.74980	-.28555	-.13570	-.07463	-.03547	1.46368	3.27784	-.04113
1.492	-5.569	-1.77656	-161.31280	-.26557	-.12585	-.07387	-.03501	1.46663	3.28869	-.03841
1.491	-5.076	-1.78292	-159.55890	-.24445	-.11561	-.07443	-.03520	1.46731	3.29122	-.03660
1.491	-4.586	-1.78611	-157.52730	-.22302	-.10530	-.07438	-.03512	1.46906	3.29766	-.03481
1.491	-4.094	-1.78770	-155.09920	-.20136	-.09488	-.07392	-.03483	1.47086	3.30432	-.03280
1.491	-3.601	-1.79665	-152.07710	-.18017	-.08473	-.07339	-.03451	1.47266	3.31097	-.03074
1.491	-3.117	-1.79850	-148.42070	-.15792	-.07416	-.07390	-.03470	1.47392	3.31564	-.02926
1.492	-2.637	-1.81240	-143.73500	-.13549	-.06357	-.07420	-.03482	1.47472	3.31863	-.02833
1.492	-2.156	-1.82269	-137.78200	-.11367	-.05333	-.07544	-.03539	1.47519	3.32036	-.02812
1.492	-1.682	-1.84400	-130.08780	-.09211	-.04321	-.07696	-.03610	1.47524	3.32054	-.02803
1.492	-1.208	-1.87372	-120.21770	-.07014	-.03291	-.07874	-.03694	1.47538	3.32106	-.02808
1.491	-.736	-1.92319	-108.05400	-.04825	-.02264	-.08129	-.03814	1.47464	3.31830	-.02832
1.492	-.260	-1.97814	-94.38832	-.02516	-.01181	-.08366	-.03926	1.47490	3.31927	-.02840
1.492	.251	-2.04902	-79.85258	-.00103	-.00049	-.08757	-.04112	1.47459	3.31814	-.02850
1.492	.775	-2.11066	-66.78099	.02288	.01075	-.08942	-.04200	1.47499	3.31961	-.02868
GRADIENT		-.05816	17.09116	.04604	.02169	-.00299	-.00138	.00087	.00322	.00093

RUN NO. 1603/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
1.516	-7.071	-1.77375	-165.14800	-.36977	-.17549	-.08550	-.04058	1.49336	3.38821	-.03546
1.516	-6.562	-1.77451	-164.02810	-.34662	-.16387	-.08517	-.04026	1.49713	3.40245	-.03140
1.516	-6.066	-1.77818	-162.74990	-.32444	-.15298	-.08537	-.04025	1.49956	3.41162	-.02877
1.515	-5.568	-1.78023	-161.27330	-.30041	-.14129	-.08534	-.04014	1.50099	3.41703	-.02642
1.515	-5.071	-1.78086	-159.55870	-.27457	-.12881	-.08332	-.03909	1.50323	3.42551	-.02391
1.515	-4.585	-1.78603	-157.52730	-.24898	-.11664	-.08175	-.03830	1.50432	3.42965	-.02265
1.515	-4.089	-1.78569	-155.09910	-.22442	-.10507	-.08195	-.03837	1.50504	3.43238	-.02206
1.515	-3.602	-1.79452	-152.07700	-.20199	-.09448	-.08350	-.03906	1.50619	3.43672	-.02123
1.515	-3.119	-1.80250	-148.38120	-.17745	-.08288	-.08546	-.03991	1.50728	3.44086	-.01995
1.515	-2.633	-1.80725	-143.73470	-.15103	-.07042	-.08634	-.04026	1.50803	3.44372	-.01853
1.515	-2.156	-1.82070	-137.78190	-.12399	-.05775	-.08678	-.04042	1.50925	3.44837	-.01747
1.515	-1.685	-1.84812	-130.04830	-.09894	-.04602	-.08630	-.04107	1.51094	3.45479	-.01614
1.515	-1.211	-1.87698	-120.21780	-.07416	-.03445	-.08969	-.04167	1.51161	3.45735	-.01509
1.514	-.736	-1.92770	-108.01440	-.04891	-.02272	-.09057	-.04207	1.51120	3.45579	-.01516
1.514	-.261	-1.98280	-94.38835	-.02353	-.01093	-.09305	-.04322	1.51097	3.45491	-.01510
1.514	.251	-2.05365	-79.85257	.00231	.00107	-.09616	-.04466	1.51146	3.45678	-.01495
1.515	.775	-2.11023	-66.78099	.02918	.01355	-.09784	-.04544	1.51194	3.45862	-.01498
GRADIENT		-.05919	17.10197	.05249	.02457	-.00297	-.00131	.00150	.00570	.00164

(TCMO45) ( 04 OCT 91 )

PARAMETRIC DATA

BETA = -2.000 PHI = 180.000

GRADIENT INTERVAL = -5.00/ 5.00

RUN NO. 1618/ 0 RN/L = 2.49

MACH	ALPHA	BETA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
1.541	-7.064	-1.77790	-165.10850	-.35786	-.16911	-.09340	-.04414	1.52774	3.51919	-.02450
1.542	-6.556	-1.77881	-163.98860	-.32544	-.15368	-.08991	-.04246	1.52876	3.52313	-.02377
1.541	-6.061	-1.77735	-162.74980	-.29419	-.13854	-.08704	-.04099	1.53038	3.52939	-.02123
1.541	-5.567	-1.78079	-161.27330	-.26615	-.12534	-.08543	-.04023	1.53097	3.53165	-.02128
1.541	-5.076	-1.78348	-159.55890	-.23687	-.11160	-.08459	-.03986	1.53024	3.52883	-.02182
1.541	-4.580	-1.78481	-157.52720	-.20902	-.09850	-.08373	-.03946	1.53035	3.52928	-.02193
1.541	-4.093	-1.78974	-155.09940	-.18087	-.08517	-.08038	-.03785	1.53054	3.52999	-.02136
1.541	-3.602	-1.79355	-152.11660	-.15167	-.07138	-.07654	-.03602	1.53091	3.53144	-.02075
1.541	-3.116	-1.79948	-148.42080	-.12345	-.05803	-.07147	-.03360	1.53196	3.53550	-.01961
1.541	-2.638	-1.80952	-143.77450	-.09904	-.04653	-.06700	-.03147	1.53269	3.53831	-.01928
1.541	-2.156	-1.82143	-137.78200	-.07903	-.03714	-.06436	-.03025	1.53274	3.53850	-.01928
1.541	-1.682	-1.84357	-130.08780	-.06228	-.02930	-.06435	-.03027	1.53152	3.53376	-.02031
1.542	-1.211	-1.87693	-120.21780	-.04577	-.02153	-.06374	-.02998	1.53243	3.53732	-.01998
1.541	-.734	-1.92292	-108.01430	-.02944	-.01385	-.06382	-.03002	1.53157	3.53397	-.02020
1.541	-.260	-1.98323	-94.38835	-.01285	-.00604	-.06522	-.03068	1.53245	3.53737	-.01990
1.541	.252	-2.04863	-79.85258	.00449	.00211	-.06629	-.03118	1.53138	3.53322	-.02003
1.541	.775	-2.11046	-66.78099	.02201	.01035	-.06668	-.03136	1.53240	3.53720	-.01964
GRADIENT		-.05863	17.10636	.04220	.01987	.00319	.00151	.00027	.00103	.00026



(TCM046) ( 04 OCT 91 )

## PARAMETRIC DATA

BETA = -1.500 PHI = 180.000

RUN NO. 1572/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
.599	-7.062	-1.22410	-169.16550	-.30453	-.06108	-.05204	-.01044	.57579	1.25195	-.01797
.599	-6.552	-1.22080	-168.36500	-.28375	-.05674	-.05157	-.01031	.57949	1.25546	-.01505
.600	-6.061	-1.22468	-167.40630	-.26128	-.05226	-.05087	-.01018	.58281	1.25865	-.01317
.600	-5.564	-1.22294	-166.32820	-.24004	-.04800	-.04946	-.00989	.58574	1.26148	-.01137
.600	-5.069	-1.22589	-165.01230	-.21910	-.04372	-.04860	-.00970	.58776	1.26344	-.00968
.600	-4.578	-1.22710	-163.45830	-.19839	-.03951	-.04796	-.00955	.58969	1.26532	-.00807
.600	-4.089	-1.23035	-161.54750	-.17860	-.03551	-.04879	-.00970	.59141	1.26701	-.00659
.600	-3.601	-1.23150	-159.20030	-.15826	-.03141	-.04867	-.00966	.59386	1.26941	-.00477
.600	-3.115	-1.23659	-156.17930	-.13682	-.02710	-.04764	-.00944	.59461	1.27015	-.00385
.600	-2.635	-1.24617	-152.20730	-.11581	-.02293	-.04725	-.00935	.59560	1.27113	-.00310
.600	-2.160	-1.25692	-146.92780	-.09566	-.01896	-.04689	-.00929	.59721	1.27273	-.00241
.599	-1.691	-1.27522	-139.58920	-.07573	-.01496	-.04756	-.00939	.59716	1.27268	-.00161
.600	-1.231	-1.30755	-129.28220	-.05635	-.01114	-.04767	-.00943	.59839	1.27390	-.00123
.600	-.778	-1.36553	-115.01930	-.03800	-.00751	-.04889	-.00967	.59796	1.27348	-.00136
.600	-.323	-1.46004	-97.39621	-.01986	-.00393	-.05240	-.01035	.59866	1.27417	-.00084
.600	.189	-1.56989	-78.03360	-.00007	-.00001	-.05644	-.01117	.59867	1.27417	-.00121
.600	.726	-1.65303	-61.55989	.02186	.00432	-.05952	-.01177	.59909	1.27460	-.00082
	GRADIENT	-.07488	18.99652	.04179	.00831	-.00170	-.00032	.00167	.00165	.00128

RUN NO. 1462/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
.800	-7.047	-1.30253	-168.85000	-.29119	-.08767	-.05195	-.01564	.77559	1.48826	-.02432
.800	-6.538	-1.30131	-168.00970	-.27096	-.08131	-.05237	-.01571	.77885	1.49298	-.02102
.800	-6.044	-1.30175	-167.05070	-.25077	-.07501	-.05173	-.01547	.78149	1.49683	-.01812
.800	-5.543	-1.30016	-165.93270	-.23022	-.06874	-.05041	-.01505	.78450	1.50123	-.01564
.800	-5.050	-1.30355	-164.57700	-.21042	-.06261	-.05023	-.01494	.78644	1.50409	-.01305
.800	-4.560	-1.30520	-162.98340	-.19036	-.05657	-.04953	-.01472	.78876	1.50751	-.01114
.800	-4.061	-1.30442	-161.03240	-.17046	-.05059	-.04935	-.01465	.79091	1.51071	-.00934
.800	-3.571	-1.30911	-158.56630	-.15025	-.04448	-.04936	-.01462	.79234	1.51284	-.00752
.800	-3.084	-1.31379	-155.46590	-.13042	-.03857	-.04913	-.01453	.79365	1.51479	-.00622
.800	-2.598	-1.31844	-151.41430	-.11026	-.03257	-.04844	-.01431	.79478	1.51648	-.00518
.800	-2.115	-1.32572	-145.97620	-.09056	-.02674	-.04813	-.01421	.79612	1.51849	-.00411
.800	-1.639	-1.34113	-138.43950	-.07143	-.02106	-.04781	-.01410	.79671	1.51938	-.00332
.800	-1.172	-1.36631	-127.93460	-.05258	-.01550	-.04779	-.01409	.79730	1.52026	-.00282
.800	-.707	-1.40681	-113.51350	-.03418	-.01006	-.04895	-.01441	.79737	1.52037	-.00224
.800	-.240	-1.47307	-95.73209	-.01627	-.00479	-.05084	-.01497	.79778	1.52099	-.00215
.800	.271	-1.55502	-76.44870	.00288	.00085	-.05459	-.01607	.79810	1.52147	-.00192
.800	.804	-1.62106	-60.17296	.02371	.00698	-.05592	-.01646	.79784	1.52108	-.00178
	GRADIENT	-.05443	18.99111	.04006	.01188	-.00091	-.00024	.00166	.00249	.00170

(TCM046) ( 04 OCT 91 )

IA310 (AEDC 16TF-783) PROBE CALIBRATION

PARAMETRIC DATA

BETA = -1.500 PHI = 180.000

RUN NO. 1496/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
.900	-7.048	-1.28562	-168.92880	-.27988	-.09617	-.05022	-.01726	.87650	1.64915	-.02528
.900	-6.537	-1.28905	-168.04910	-.26020	-.08917	-.04932	-.01690	.87956	1.65454	-.02223
.900	-6.041	-1.28930	-167.09000	-.24059	-.08216	-.04929	-.01683	.88236	1.65948	-.01891
.900	-5.549	-1.29026	-165.97240	-.22122	-.07537	-.04864	-.01657	.88504	1.66425	-.01624
.900	-5.050	-1.28872	-164.65610	-.20222	-.06871	-.04717	-.01603	.88721	1.66814	-.01371
.900	-4.558	-1.29043	-163.06240	-.18306	-.06207	-.04663	-.01581	.88912	1.67155	-.01165
.900	-4.063	-1.29151	-161.11160	-.16363	-.05542	-.04588	-.01554	.89138	1.67563	-.00984
.900	-3.572	-1.29686	-158.64550	-.14441	-.04881	-.04647	-.01571	.89284	1.67827	-.00798
.900	-3.081	-1.29683	-155.58460	-.12484	-.04214	-.04646	-.01568	.89424	1.68079	-.00655
.900	-2.598	-1.30423	-151.53310	-.10600	-.03571	-.04615	-.01555	.89516	1.68247	-.00510
.900	-2.120	-1.31442	-146.09510	-.08715	-.02933	-.04579	-.01541	.89577	1.68358	-.00416
.900	-1.646	-1.32785	-138.63770	-.06863	-.02308	-.04580	-.01536	.89681	1.68547	-.00329
.900	-1.179	-1.35416	-128.13270	-.05038	-.01693	-.04569	-.01536	.89723	1.68624	-.00287
.900	-.715	-1.39717	-113.67200	-.03250	-.01092	-.04672	-.01570	.89804	1.68771	-.00203
.900	-.252	-1.47111	-95.93025	-.01568	-.00527	-.04862	-.01633	.89791	1.68748	-.00202
.900	.258	-1.55761	-76.68646	.00257	.00086	-.05192	-.01743	.89814	1.68789	-.00180
.900	.790	-1.62297	-60.37114	.02286	.00767	-.05368	-.01802	.89807	1.68778	-.00168
GRADIENT		-.05775	19.01565	.03861	.01307	-.00107	-.00033	.00161	.00292	.00184

RUN NO. 1479/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
1.099	-7.023	-1.42776	-168.25700	-.25209	-.10271	-.04885	-.01990	1.07806	2.07707	-.02623
1.100	-6.508	-1.42979	-167.33730	-.23397	-.09505	-.04945	-.02009	1.08093	2.08427	-.02307
1.100	-6.010	-1.42691	-166.33810	-.21644	-.08768	-.04834	-.01958	1.08365	2.09113	-.02001
1.100	-5.508	-1.42706	-165.14070	-.19890	-.08034	-.04802	-.01940	1.08593	2.09689	-.01714
1.100	-5.015	-1.42734	-163.74500	-.18149	-.07312	-.04720	-.01902	1.08812	2.10245	-.01455
1.100	-4.511	-1.44096	-162.07280	-.16385	-.06586	-.04701	-.01890	1.08984	2.10683	-.01229
1.100	-4.020	-1.42816	-160.20070	-.14610	-.05861	-.04666	-.01872	1.09164	2.11140	-.01011
1.100	-3.523	-1.42555	-157.69440	-.12830	-.05139	-.04586	-.01837	1.09289	2.11460	-.00861
1.100	-3.028	-1.42811	-154.43510	-.11032	-.04410	-.04495	-.01797	1.09445	2.11859	-.00655
1.100	-2.529	-1.42884	-150.18510	-.09254	-.03693	-.04477	-.01787	1.09545	2.12114	-.00510
1.099	-2.044	-1.43177	-144.54880	-.07520	-.02998	-.04436	-.01768	1.09594	2.12239	-.00427
1.100	-1.555	-1.43412	-136.77420	-.05826	-.02321	-.04388	-.01748	1.09703	2.12520	-.00321
1.100	-1.069	-1.44268	-125.95260	-.04132	-.01645	-.04376	-.01742	1.09732	2.12594	-.00278
1.100	-.589	-1.45900	-111.21490	-.02496	-.00994	-.04410	-.01756	1.09806	2.12786	-.00255
1.100	-.115	-1.49139	-93.43382	-.00904	-.00360	-.04454	-.01771	1.09789	2.12741	-.00212
1.100	.393	-1.53180	-74.30887	.00731	.00291	-.04538	-.01805	1.09838	2.12867	-.00186
1.100	.911	-1.56242	-58.31047	.02495	.00993	-.04559	-.01814	1.09827	2.12840	-.00179
GRADIENT		-.02088	18.96308	.03486	.01398	.00031	.00016	.00152	.00389	.00188

(TCMO46) ( 04 OCT 91 )

## PARAMETRIC DATA

BETA = -1.500 PHI = 180.000

RUN NO. 1519/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
1.250	-7.038	-1.33428	-168.69170	-.26064	-.11451	-.04648	-.02042	1.22767	2.48914	-.02703
1.250	-6.525	-1.33521	-167.81170	-.24230	-.10609	-.04647	-.02035	1.23042	2.49739	-.02357
1.250	-6.031	-1.33776	-166.81310	-.22433	-.09785	-.04651	-.02029	1.23339	2.50633	-.01977
1.250	-5.532	-1.33434	-165.69500	-.20572	-.08947	-.04620	-.02009	1.23559	2.51297	-.01685
1.250	-5.034	-1.33626	-164.33930	-.18714	-.08124	-.04539	-.01970	1.23729	2.51807	-.01493
1.250	-4.540	-1.33507	-162.74540	-.16933	-.07337	-.04416	-.01914	1.23921	2.52390	-.01294
1.250	-4.046	-1.33880	-160.75510	-.15149	-.06551	-.04380	-.01894	1.24107	2.52954	-.01088
1.250	-3.558	-1.34246	-158.28890	-.13336	-.05754	-.04359	-.01881	1.24241	2.53361	-.00874
1.250	-3.068	-1.34301	-155.18830	-.11538	-.04970	-.04261	-.01835	1.24392	2.53819	-.00698
1.250	-2.578	-1.34634	-151.09710	-.09749	-.04195	-.04245	-.01826	1.24523	2.54220	-.00579
1.250	-2.091	-1.35164	-145.57960	-.07966	-.03423	-.04264	-.01832	1.24592	2.54430	-.00461
1.249	-1.615	-1.36482	-138.00340	-.06294	-.02701	-.04263	-.01830	1.24657	2.54627	-.00347
1.250	-1.143	-1.38325	-127.41920	-.04611	-.01979	-.04303	-.01846	1.24745	2.54895	-.00305
1.250	-.675	-1.41781	-112.87940	-.02964	-.01271	-.04402	-.01957	1.24811	2.55099	-.00222
1.250	-.208	-1.47802	-95.05852	-.01310	-.00561	-.04565	-.01957	1.24812	2.55100	-.00228
1.250	.305	-1.54917	-75.77515	.00456	.00195	-.04804	-.02059	1.24806	2.55084	-.00201
1.250	.836	-1.60643	-59.57860	.02312	.00991	-.04922	-.02109	1.24816	2.55113	-.00182
	GRADIENT	-.04572	19.00815	.03583	.01549	-.00085	-.00032	.00166	.00505	.00203

RUN NO. 1535/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
1.400	-7.035	-1.34791	-168.65240	-.28918	-.13377	-.04600	-.02128	1.37564	2.96483	-.02815
1.400	-6.521	-1.34775	-167.77230	-.26892	-.12398	-.04671	-.02153	1.37846	2.97451	-.02472
1.400	-6.028	-1.34577	-166.81310	-.24882	-.11434	-.04598	-.02113	1.38154	2.98512	-.02132
1.400	-5.528	-1.34704	-165.65560	-.22863	-.10477	-.04550	-.02085	1.38354	2.99201	-.01862
1.400	-5.029	-1.35179	-164.26020	-.20896	-.09548	-.04588	-.02096	1.38680	3.00329	-.01552
1.400	-4.534	-1.35330	-162.62670	-.18972	-.08650	-.04533	-.02067	1.38849	3.00914	-.01329
1.400	-4.047	-1.35337	-160.67590	-.17013	-.07735	-.04459	-.02027	1.39067	3.01671	-.01052
1.400	-3.554	-1.35441	-158.20960	-.15008	-.06812	-.04355	-.01977	1.39215	3.02185	-.00885
1.400	-3.057	-1.35541	-155.02960	-.12925	-.05856	-.04301	-.01949	1.39374	3.02740	-.00692
1.400	-2.570	-1.36083	-150.89880	-.10874	-.04923	-.04261	-.01929	1.39482	3.03115	-.00612
1.400	-2.084	-1.36297	-145.42100	-.08916	-.04033	-.04276	-.01934	1.39509	3.03208	-.00530
1.400	-1.602	-1.37081	-137.76530	-.07064	-.03192	-.04301	-.01943	1.39615	3.03579	-.00428
1.400	-1.134	-1.39653	-127.06260	-.05233	-.02363	-.04389	-.01982	1.39648	3.03692	-.00374
1.400	-.660	-1.42705	-112.44360	-.03412	-.01539	-.04523	-.02040	1.39749	3.04046	-.00250
1.400	-.191	-1.48317	-94.62277	-.01556	-.00702	-.04690	-.02115	1.39778	3.04146	-.00222
1.399	.320	-1.54755	-75.41856	.00415	.00187	-.04905	-.02211	1.39768	3.04111	-.00206
1.400	.847	-1.59561	-59.30128	.02455	.01107	-.05048	-.02277	1.39785	3.04173	-.00244
	GRADIENT	-.04171	19.02419	.03984	.01812	-.00097	-.00040	.00166	.00578	.00196

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(TCMO46) ( 04 OCT 91 )

PARAMETRIC DATA

BETA = -1.500 PHI = 180.000

RUN NO. 1553/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
1.450	-7.050	-1.23799	-169.08620	-30305	-14221	-04939	-02318	1.42456	3.13607	-02916
1.450	-6.544	-1.23397	-168.28560	-28305	-13241	-04845	-02266	1.42681	3.14408	-02605
1.450	-6.052	-1.23662	-167.32680	-26183	-12214	-04852	-02263	1.43019	3.15617	-02299
1.450	-5.558	-1.24271	-166.16980	-24036	-11185	-04875	-02269	1.43219	3.16338	-02056
1.450	-5.064	-1.24051	-164.89330	-22000	-10212	-04827	-02241	1.43376	3.16902	-01811
1.450	-4.572	-1.24419	-163.29980	-20139	-09314	-04743	-02194	1.43775	3.18336	-01425
1.450	-4.076	-1.24564	-161.38880	-18091	-08344	-04729	-02181	1.43969	3.19038	-01154
1.450	-3.587	-1.24979	-159.00210	-15971	-07356	-04676	-02153	1.44173	3.19777	-00993
1.450	-3.103	-1.25050	-156.02070	-13827	-06355	-04541	-02087	1.44287	3.20187	-00802
1.450	-2.622	-1.25815	-152.04860	-11674	-05365	-04490	-02064	1.44269	3.20122	-00798
1.450	-2.142	-1.26743	-146.68980	-09674	-04441	-04550	-02091	1.44366	3.20475	-00692
1.450	-1.677	-1.28824	-139.31160	-07750	-03554	-04555	-02105	1.44476	3.20873	-00578
1.450	-1.213	-1.31616	-128.92540	-05922	-02711	-04750	-02175	1.44637	3.21457	-00421
1.450	-.759	-1.37145	-114.58340	-04023	-01839	-04983	-02279	1.44738	3.21824	-00285
1.450	-.304	-1.45827	-96.92082	-02103	-00961	-05271	-02409	1.44799	3.22045	-00223
1.450	.206	-1.56247	-77.59784	.00021	.00010	-05639	-02577	1.44838	3.22186	-00220
1.450	.745	-1.64773	-61.16367	.02250	.01030	-05841	-02673	1.44677	3.21602	-00359
GRADIENT		-.07003	19.02112	.04212	.01944	-.00201	-.00087	.00187	.00678	.00215

RUN NO. 1637/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
1.469	-7.049	-1.25682	-169.00710	-30972	-14662	-04942	-02340	1.44012	3.19192	-03955
1.470	-6.543	-1.25702	-168.16710	-28940	-13661	-05010	-02365	1.44327	3.20334	-03646
1.469	-6.046	-1.25773	-167.20810	-26920	-12653	-05014	-02357	1.44625	3.21412	-03219
1.470	-5.553	-1.25863	-166.09050	-24778	-11607	-04954	-02320	1.45060	3.22995	-02848
1.470	-5.062	-1.26436	-164.73500	-22522	-10531	-04885	-02284	1.45171	3.23401	-02667
1.470	-4.564	-1.26467	-163.18100	-20340	-09500	-04876	-02277	1.45263	3.23735	-02545
1.469	-4.074	-1.26544	-161.27000	-18232	-08499	-04793	-02235	1.45390	3.24199	-02357
1.469	-3.584	-1.26709	-158.88320	-16106	-07493	-04631	-02155	1.45542	3.24753	-02161
1.470	-3.097	-1.27293	-155.78280	-13951	-06478	-04618	-02144	1.45846	3.25867	-01944
1.470	-2.615	-1.28035	-151.77110	-11809	-05481	-04517	-02096	1.45861	3.25921	-01896
1.469	-2.134	-1.28719	-146.41220	-09805	-04552	-04555	-02115	1.45719	3.25400	-01945
1.469	-1.666	-1.30737	-138.95490	-07933	-03681	-04623	-02145	1.45799	3.25695	-01880
1.470	-1.202	-1.33645	-128.52910	-06079	-02820	-04738	-02198	1.45926	3.26162	-01803
1.469	-.744	-1.38942	-114.14760	-04171	-01933	-05011	-02323	1.45913	3.26111	-01758
1.470	-.283	-1.47124	-96.48503	-02215	-01026	-05343	-02476	1.45951	3.26250	-01737
1.470	.229	-1.56302	-77.20158	-.00050	-.00023	-05725	-02652	1.46028	3.26534	-01705
1.469	.766	-1.64188	-60.84660	.02182	.01011	-05916	-02741	1.45931	3.26177	-01723
GRADIENT		-.06598	19.01842	.04211	.01963	-.00201	-.00090	.00121	.00443	.00140

(TCMO46) ( 04 OCT 91 )

## PARAMETRIC DATA

BETA = -1.500 PHI = 180.000

RUN NO. 1588/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
1.492	-7.051	-1.27083	-168.96790	-.32734	-.15622	-.05074	-.02422	1.46017	3.26493	-.04538
1.492	-6.544	-1.27522	-168.08830	-.30491	-.14521	-.05070	-.02415	1.46234	3.27290	-.04313
1.492	-6.047	-1.27506	-167.12930	-.28513	-.13550	-.05021	-.02386	1.46400	3.27900	-.04090
1.492	-5.549	-1.27440	-166.01150	-.26414	-.12519	-.05152	-.02442	1.46671	3.28900	-.03812
1.492	-5.053	-1.27764	-164.65580	-.24319	-.11498	-.05138	-.02429	1.46832	3.29491	-.03580
1.492	-4.560	-1.27970	-163.06210	-.22165	-.10458	-.05123	-.02417	1.47045	3.30280	-.03372
1.491	-4.069	-1.28064	-161.15120	-.19989	-.09413	-.05088	-.02396	1.47144	3.30647	-.03189
1.492	-3.579	-1.28176	-158.76430	-.17871	-.08402	-.05003	-.02352	1.47353	3.31421	-.03004
1.492	-3.091	-1.28730	-155.66400	-.15584	-.07321	-.04951	-.02326	1.47449	3.31776	-.02906
1.492	-2.605	-1.28878	-151.69170	-.13407	-.06298	-.05022	-.02359	1.47440	3.31741	-.02890
1.492	-2.127	-1.30032	-146.25370	-.11222	-.05269	-.05156	-.02421	1.47458	3.31809	-.02864
1.492	-1.658	-1.31918	-138.79640	-.09073	-.04262	-.05306	-.02493	1.47433	3.31717	-.02889
1.492	-1.189	-1.34348	-128.33090	-.06922	-.03256	-.05445	-.02561	1.47316	3.31284	-.03030
1.492	-.729	-1.39348	-113.90980	-.04761	-.02240	-.05674	-.02669	1.47312	3.31267	-.03026
1.492	-.270	-1.46959	-96.24722	-.02576	-.01212	-.06088	-.02865	1.47258	3.31067	-.03072
1.491	.244	-1.56125	-76.92422	-.00122	-.00057	-.06559	-.03087	1.47199	3.30849	-.03107
1.492	.780	-1.63561	-60.60883	.02423	.01140	-.06776	-.03188	1.47300	3.31225	-.03061
GRADIENT		-.06176	19.00705	.04605	.02169	-.00321	-.00151	.00012	.00043	.00020

RUN NO. 1604/ O RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
1.515	-7.051	-1.27041	-168.96780	-.37137	-.17611	-.05809	-.02755	1.49316	3.38748	-.03619
1.515	-6.539	-1.26890	-168.12760	-.34829	-.16456	-.05868	-.02773	1.49614	3.39872	-.03255
1.514	-6.041	-1.27347	-167.12910	-.32475	-.15303	-.05984	-.02820	1.49798	3.40564	-.02989
1.514	-5.548	-1.27404	-166.01140	-.30146	-.14158	-.05892	-.02767	1.50043	3.41491	-.02695
1.514	-5.057	-1.27846	-164.65590	-.27420	-.12850	-.05728	-.02684	1.50311	3.42503	-.02418
1.514	-4.559	-1.27933	-163.06210	-.24823	-.11608	-.05635	-.02635	1.50518	3.43288	-.02249
1.514	-4.069	-1.27976	-161.15110	-.22279	-.10412	-.05730	-.02678	1.50534	3.43352	-.02190
1.514	-3.577	-1.28317	-158.72470	-.19987	-.09336	-.05853	-.02734	1.50578	3.43516	-.02141
1.513	-3.091	-1.28571	-155.66390	-.17423	-.08127	-.05984	-.02791	1.50617	3.43665	-.02032
1.515	-2.608	-1.29215	-151.65210	-.14800	-.06898	-.05926	-.02762	1.50856	3.44575	-.01877
1.514	-2.126	-1.29938	-146.25360	-.12054	-.05604	-.05936	-.02760	1.50936	3.45031	-.01692
1.514	-1.656	-1.31947	-138.75670	-.09267	-.04304	-.05977	-.02776	1.51074	3.45403	-.01578
1.514	-1.192	-1.34661	-128.33090	-.06837	-.03176	-.05977	-.02776	1.51046	3.45297	-.01604
1.514	-.731	-1.39662	-113.90980	-.04490	-.02086	-.06108	-.02838	1.51046	3.45298	-.01623
1.514	-.269	-1.46864	-96.24721	-.02193	-.01019	-.06450	-.02997	1.51017	3.45184	-.01626
1.514	.244	-1.56044	-76.92424	.00380	.00176	-.06706	-.03115	1.51058	3.45341	-.01586
1.514	.777	-1.63046	-60.60890	.02919	.01355	-.06937	-.03221	1.51134	3.45633	-.01525
GRADIENT		-.06146	19.01325	.05284	.02469	-.00205	-.00091	.00127	.00482	.00146

(TCM046) ( 04 OCT 91 )

IA310 (AEDC 16TF-783) PROBE CALIBRATION

PARAMETRIC DATA

BETA = -1.500 PHI = 180.000

RUN NO. 1619/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
1.542	-7.046	-1.26984	-168.96780	-35246	-16676	-06480	-03066	1.52784	3.51959	-02428
1.543	-6.539	-1.27412	-168.08820	-31979	-15105	-06140	-02900	1.52960	3.52635	-02260
1.542	-6.048	-1.27093	-167.16880	-28968	-13672	-05989	-02826	1.53006	3.52813	-02190
1.542	-5.548	-1.27469	-166.01150	-26039	-12287	-05960	-02812	1.53007	3.52819	-02184
1.542	-5.058	-1.27601	-164.69550	-23246	-10966	-05942	-02803	1.53028	3.52897	-02170
1.542	-4.560	-1.27827	-163.10190	-20434	-09640	-05868	-02769	1.52960	3.52634	-02207
1.541	-4.070	-1.27848	-161.19080	-17495	-08240	-05634	-02654	1.53076	3.53083	-02117
1.541	-3.579	-1.28201	-158.76440	-14448	-06798	-05250	-02470	1.53207	3.53593	-02008
1.541	-3.091	-1.28731	-155.66400	-11750	-05523	-04801	-02257	1.53271	3.53841	-01912
1.541	-2.604	-1.29094	-151.65200	-09562	-04495	-04544	-02136	1.53240	3.53720	-01938
1.541	-2.126	-1.30066	-146.25370	-07776	-03658	-04501	-02118	1.53192	3.53535	-02018
1.541	-1.657	-1.31865	-138.79630	-06173	-02901	-04541	-02134	1.53243	3.53730	-01943
1.541	-1.191	-1.34660	-128.33090	-04481	-02108	-04462	-02099	1.53144	3.53346	-02050
1.541	-.729	-1.39132	-113.90980	-02851	-01341	-04491	-02112	1.53141	3.53336	-02043
1.541	-.268	-1.46897	-96.24722	-01290	-00606	-04686	-02203	1.53191	3.53528	-01983
1.541	.244	-1.56107	-76.96382	.00394	.00185	-04889	-02297	1.53260	3.53795	-01954
1.541	.779	-1.63603	-60.64842	.02172	.01021	-04990	-02345	1.53212	3.53610	-01952
GRADIENT		-.06193	19.00676	.04104	.01934	.00161	.00077	.00025	.00097	.00026

(TCM047) ( 04 OCT 91 )

PARAMETRIC DATA

BETA = -1.000 PHI = 180.000

RUN NO. 1573/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
.601	-7.040	-7.1634	-173.14560	-.30142	-.06071	-.03035	-.00611	.57782	1.25387	-.01778
.600	-6.534	-7.1514	-172.62520	-.28114	-.05633	-.02957	-.00593	.58050	1.25643	-.01495
.600	-6.039	-7.1478	-172.02560	-.25978	-.05200	-.02821	-.00565	.58374	1.25954	-.01278
.601	-5.542	-7.2006	-171.26740	-.23827	-.04769	-.02719	-.00544	.58695	1.26265	-.01086
.600	-5.046	-7.1883	-170.42950	-.21759	-.04336	-.02766	-.00551	.58822	1.26388	-.00906
.601	-4.554	-7.2007	-169.39320	-.19732	-.03934	-.02736	-.00546	.59160	1.26719	-.00717
.600	-4.061	-7.2132	-168.11870	-.17676	-.03517	-.02713	-.00540	.59211	1.26769	-.00638
.600	-3.565	-7.2318	-166.48710	-.15695	-.03118	-.02728	-.00542	.59425	1.26980	-.00472
.601	-3.079	-7.2374	-164.41900	-.13495	-.02684	-.02647	-.00526	.59606	1.27158	-.00389
.600	-2.593	-7.2865	-161.55760	-.11421	-.02260	-.02602	-.00515	.59581	1.27134	-.00290
.600	-2.111	-7.3255	-157.58590	-.09439	-.01868	-.02545	-.00504	.59741	1.27293	-.00194
.600	-1.635	-7.4027	-151.59270	-.07369	-.01460	-.02478	-.00491	.59848	1.27399	-.00150
.601	-1.184	-7.6336	-142.07420	-.05485	-.01086	-.02470	-.00489	.59934	1.27485	-.00102
.600	-.750	-8.1425	-126.14310	-.03715	-.00735	-.02549	-.00505	.59909	1.27460	-.00101
.601	-.330	-9.2595	-101.98610	-.02008	-.00398	-.03042	-.00602	.59914	1.27465	-.00107
.600	.229	-1.10144	-70.90875	.00064	.00013	-.03730	-.00738	.59906	1.27457	-.00081
.600	.751	-1.20112	-51.78479	.02160	.00428	-.04041	-.00800	.59943	1.27494	-.00076
GRADIENT		-.07866	21.11599	.04156	.00827	-.00182	-.00035	.00155	.00153	.00123

RUN NO. 1463/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
.800	-7.034	-7.9570	-172.83010	-.28947	-.08706	-.03079	-.00926	.77604	1.48893	-.02359
.800	-6.520	-7.9566	-172.26990	-.26914	-.08074	-.03026	-.00908	.77958	1.49405	-.02046
.800	-6.027	-7.9664	-171.63050	-.24921	-.07451	-.02932	-.00877	.78217	1.49783	-.01756
.800	-5.527	-8.0176	-170.83240	-.22865	-.06823	-.02902	-.00866	.78498	1.50194	-.01509
.800	-5.033	-7.9737	-169.99420	-.20913	-.06222	-.02833	-.00843	.78711	1.50507	-.01260
.800	-4.537	-8.0104	-168.87840	-.18917	-.05620	-.02847	-.00846	.78940	1.50846	-.01067
.800	-4.040	-7.9949	-167.56400	-.16906	-.05013	-.02899	-.00860	.79121	1.51115	-.00881
.800	-3.545	-8.0209	-165.85290	-.14899	-.04410	-.02854	-.00845	.79275	1.51345	-.00714
.800	-3.053	-8.0291	-163.66570	-.12863	-.03803	-.02845	-.00841	.79424	1.51567	-.00582
.800	-2.562	-8.0289	-160.72470	-.10864	-.03208	-.02796	-.00826	.79544	1.51748	-.00465
.800	-2.078	-8.0868	-156.51510	-.08916	-.02630	-.02731	-.00806	.79634	1.51883	-.00366
.800	-1.602	-8.1511	-150.32390	-.07018	-.02070	-.02661	-.00785	.79725	1.52020	-.00300
.800	-1.135	-8.2824	-140.44900	-.05155	-.01519	-.02678	-.00789	.79770	1.52087	-.00251
.800	-.689	-8.6663	-124.08300	-.03385	-.00997	-.02715	-.00789	.79805	1.52139	-.00199
.800	-.253	-9.5421	-99.57042	-.01736	-.00511	-.03054	-.00899	.79799	1.52131	-.00177
.800	.258	-1.07781	-71.22481	.00144	.00042	-.03578	-.01053	.79821	1.52164	-.00161
.800	.818	-1.15766	-50.16090	.02369	.00697	-.03801	-.01119	.79841	1.52194	-.00153
GRADIENT		-.05745	21.10140	.03981	.01180	-.00123	-.00035	.00165	.00247	.00167

(TCMO47) ( 04 OCT 91 )

IA310 (AEDC 16TF-783) PROBE CALIBRATION

PARAMETRIC DATA

BETA = -1.000 PHI = 180.000

RUN NO. 1497/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
.900	-7.028	-.78313	-172.86950	-.27828	-.09562	-.02949	-.01013	.87700	1.65003	-.02496
.900	-6.518	-.78355	-172.30930	-.25862	-.08851	-.02958	-.01012	.87978	1.65492	-.02147
.901	-6.023	-.78493	-171.66990	-.23899	-.08168	-.02899	-.00991	.88354	1.66158	-.01863
.900	-5.527	-.78663	-170.91140	-.21997	-.07491	-.02802	-.00954	.88554	1.66515	-.01575
.900	-5.031	-.78620	-170.03370	-.20104	-.06826	-.02749	-.00933	.88751	1.66867	-.01321
.900	-4.534	-.78671	-168.95750	-.18185	-.06165	-.02711	-.00919	.88995	1.67306	-.01109
.900	-4.040	-.78687	-167.64320	-.16235	-.05494	-.02710	-.00917	.89160	1.67603	-.00925
.900	-3.545	-.78713	-165.97170	-.14278	-.04823	-.02683	-.00906	.89330	1.67909	-.00747
.900	-3.052	-.78825	-163.78450	-.12314	-.04152	-.02679	-.00903	.89454	1.68135	-.00586
.900	-2.564	-.79079	-160.84370	-.10423	-.03511	-.02628	-.00885	.89558	1.68323	-.00478
.900	-2.081	-.79381	-156.71340	-.08568	-.02883	-.02585	-.00870	.89635	1.68464	-.00375
.900	-1.604	-.80248	-150.48250	-.06747	-.02268	-.02522	-.00848	.89689	1.68562	-.00297
.900	-1.142	-.81869	-140.64720	-.04926	-.01655	-.02549	-.00857	.89779	1.68726	-.00239
.900	-.697	-.85871	-124.32070	-.03242	-.01089	-.02602	-.00874	.89805	1.68773	-.00189
.900	-.264	-.95003	-99.84766	-.01660	-.00557	-.02931	-.00984	.89846	1.68848	-.00170
.900	.295	-1.08417	-69.08707	.00361	.00121	-.03439	-.01155	.89841	1.68839	-.00156
.900	.811	-1.16299	-50.24019	.02294	.00770	-.03652	-.01226	.89852	1.68859	-.00142
GRADIENT		-.06122	21.24805	.03836	.01298	-.00131	-.00042	.00158	.00286	.00178

RUN NO. 1480/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
1.100	-7.018	-.93012	-172.15820	-.25086	-.10219	-.03057	-.01245	1.07877	2.07886	-.02586
1.100	-6.500	-.92309	-171.59730	-.23305	-.09463	-.03050	-.01238	1.08154	2.08581	-.02247
1.100	-6.007	-.92719	-170.87840	-.21533	-.08716	-.03083	-.01248	1.08419	2.09251	-.01923
1.100	-5.504	-.92512	-170.07980	-.19790	-.07989	-.03028	-.01222	1.08650	2.09834	-.01653
1.100	-5.009	-.92869	-169.08290	-.18064	-.07272	-.02914	-.01173	1.08850	2.10341	-.01383
1.100	-4.502	-.93569	-167.96760	-.16299	-.06547	-.02975	-.01195	1.09028	2.10794	-.01161
1.100	-4.011	-.92954	-166.65300	-.14552	-.05834	-.02886	-.01157	1.09180	2.11180	-.00973
1.100	-3.512	-.92371	-164.90160	-.12752	-.05103	-.02812	-.01125	1.09364	2.11650	-.00774
1.100	-3.012	-.92339	-162.55540	-.10945	-.04372	-.02772	-.01107	1.09437	2.11838	-.00627
1.100	-2.518	-.92242	-159.37640	-.09195	-.03669	-.02741	-.01094	1.09566	2.12168	-.00494
1.100	-2.028	-.92392	-154.92880	-.07509	-.02994	-.02684	-.01070	1.09703	2.12521	-.00386
1.100	-1.542	-.92821	-148.22240	-.05825	-.02320	-.02628	-.01051	1.09727	2.12581	-.00310
1.100	-1.059	-.93054	-137.79330	-.04164	-.01657	-.02633	-.01042	1.09761	2.12668	-.00239
1.100	-.588	-.94111	-120.75510	-.02542	-.01011	-.02619	-.01042	1.09788	2.12738	-.00205
1.100	-.136	-.98161	-95.88741	-.01035	-.00412	-.02738	-.01089	1.09837	2.12865	-.00184
1.100	.432	-1.03144	-65.12708	.00799	.00318	-.02919	-.01161	1.09856	2.12915	-.00149
1.100	.927	-1.08114	-47.26982	.02452	.00975	-.03015	-.01199	1.09886	2.12991	-.00136
GRADIENT		-.02172	21.42504	.03458	.01386	.00006	.00005	.00151	.00387	.00184



(TCMO47) ( 04 OCT 91 )

## PARAMETRIC DATA

BETA = -1.000 PHI = 180.000

RUN NO. 1520/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
1.250	-7.027	-83232	-172.63240	-25987	-11412	-02784	-01222	1.22801	2.49018	-02657
1.250	-6.514	-82975	-172.07200	-24119	-10551	-02846	-01245	1.23124	2.49985	-02268
1.250	-6.016	-83245	-171.39280	-22339	-09739	-02738	-01194	1.23427	2.50899	-01911
1.250	-5.518	-83276	-170.63420	-20443	-08893	-02730	-01188	1.23608	2.51445	-01689
1.250	-5.019	-83089	-169.75640	-18619	-08082	-02623	-01138	1.23804	2.52036	-01460
1.250	-4.525	-83287	-168.64060	-16843	-07295	-02614	-01132	1.23943	2.52455	-01258
1.250	-4.029	-83438	-167.28660	-15077	-06515	-02524	-01091	1.24109	2.52960	-01030
1.250	-3.531	-83072	-165.61490	-13218	-05701	-02477	-01068	1.24293	2.53520	-00831
1.250	-3.040	-83516	-163.34840	-11387	-04902	-02496	-01075	1.24413	2.53884	-00657
1.250	-2.551	-83618	-160.36790	-09623	-04137	-02467	-01061	1.24556	2.54319	-00505
1.250	-2.063	-83918	-156.11860	-07878	-03383	-02463	-01058	1.24625	2.54531	-00401
1.250	-1.582	-84294	-149.80840	-06195	-02659	-02453	-01053	1.24723	2.54829	-00318
1.250	-1.113	-85436	-139.77520	-04538	-01946	-02463	-01056	1.24783	2.55013	-00239
1.250	-.660	-88323	-123.17170	-02942	-01261	-02507	-01074	1.24829	2.55152	-00185
1.250	-.222	-95466	-98.58032	-01405	-00602	-02718	-01164	1.24816	2.55112	-00174
1.250	.291	-1.07265	-70.23476	.00351	.00150	-03117	-01336	1.24823	2.55133	-00183
1.250	.848	-1.14149	-49.44797	.02316	.00992	-03302	-01415	1.24821	2.55127	-00166
GRADIENT		-.04861	21.16299	.03565	.01541	-.00106	-.00043	.00164	.00500	.00200

RUN NO. 1536/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
1.400	-7.024	-84520	-172.59310	-28816	-13323	-02504	-01158	1.37604	2.96618	-02766
1.400	-6.511	-84710	-171.99310	-26782	-12342	-02545	-01173	1.37924	2.97720	-02419
1.400	-6.014	-84507	-171.35340	-24773	-11378	-02562	-01177	1.38194	2.98649	-02080
1.400	-5.515	-84831	-170.55520	-22759	-10427	-02464	-01129	1.38394	2.99339	-01834
1.400	-5.021	-85072	-169.63790	-20832	-09513	-02457	-01122	1.38683	3.00339	-01494
1.400	-4.522	-84839	-168.56150	-18897	-08611	-02470	-01126	1.38865	3.00971	-01277
1.400	-4.027	-84544	-167.24700	-16909	-07684	-02364	-01074	1.39136	3.01911	-00993
1.400	-3.528	-84622	-165.49600	-14823	-06725	-02326	-01055	1.39290	3.02447	-00824
1.400	-3.032	-84910	-163.18970	-12720	-05762	-02312	-01047	1.39395	3.02811	-00676
1.400	-2.542	-84816	-160.20920	-10680	-04834	-02322	-01051	1.39457	3.03027	-00597
1.399	-2.054	-85015	-155.92020	-08796	-03978	-02269	-01026	1.39495	3.03159	-00520
1.400	-1.576	-85572	-149.53080	-06984	-03154	-02288	-01038	1.39629	3.03628	-00373
1.400	-1.106	-86671	-139.37880	-05172	-02332	-02358	-01064	1.39778	3.04148	-00240
1.400	-.649	-89489	-122.61710	-03347	-01508	-02425	-01093	1.39834	3.04344	-00168
1.400	-.203	-96252	-97.78839	-.001606	-.00724	-02632	-01186	1.39809	3.04257	-00162
1.400	.308	-1.06509	-69.60123	.00335	.00151	-03041	-01369	1.39905	3.04590	-00089
1.400	.860	-1.12742	-48.97279	.02491	.01123	-03255	-01467	1.39840	3.04365	-00171
GRADIENT		-.04447	21.23646	.03968	.01804	-.00127	-.00055	.00178	.00620	.00208

(TCM047) ( 04 OCT 91 )

IA310 (AEDC 16TF-783) PROBE CALIBRATION

## PARAMETRIC DATA

BETA = -1.000 PHI = 180.000

RUN NO. 1554/ O RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
1.449	-7.037	-73115	-173.06640	-30202	-14174	-02637	-01237	1.42368	3.13292	-02946
1.450	-6.525	-73712	-172.46690	-28142	-13160	-02724	-01274	1.42734	3.14599	-02563
1.450	-6.029	-73517	-171.86710	-26025	-12144	-02698	-01259	1.42983	3.15489	-02332
1.450	-5.532	-73486	-171.14830	-23930	-11129	-02717	-01264	1.43241	3.16414	-02002
1.450	-5.035	-73266	-170.31040	-21930	-10173	-02648	-01228	1.43466	3.17224	-01737
1.450	-4.542	-73791	-169.23460	-19983	-09236	-02606	-01205	1.43765	3.18302	-01373
1.450	-4.048	-73845	-167.96010	-17912	-08259	-02537	-01170	1.43979	3.19074	-01134
1.450	-3.554	-73642	-166.36800	-15774	-07261	-02487	-01145	1.44125	3.19600	-00961
1.451	-3.066	-74003	-164.22060	-13557	-06232	-02474	-01137	1.44445	3.20761	-00783
1.449	-2.580	-74323	-161.35920	-11442	-05256	-02451	-01126	1.44229	3.19979	-00777
1.450	-2.099	-74817	-157.30820	-09489	-04356	-02425	-01113	1.44435	3.20723	-00661
1.450	-1.622	-75418	-151.27540	-07643	-03500	-02461	-01127	1.44607	3.21348	-00430
1.450	-1.166	-77313	-141.63810	-05834	-02667	-02559	-01170	1.44806	3.22069	-00242
1.450	-0.735	-82357	-125.62810	-03945	-01799	-02677	-01221	1.44982	3.22712	-00007
1.450	-0.314	-93128	-101.35250	-02176	-00992	-03058	-01394	1.45057	3.22984	-00043
1.449	.246	-1.09919	-70.39394	-00165	.00075	-03679	-01677	1.44873	3.22316	-00011
1.450	.770	-1.19443	-51.30952	.02317	.01058	-04018	-01834	1.44881	3.22342	-00126
GRADIENT		-.07452	21.18352	.04187	.01932	-.00229	-.00101	.00230	.00834	.00268

RUN NO. 1638/ O RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
1.470	-7.033	-74917	-172.98720	-30806	-14583	-02742	-01298	1.44070	3.19402	-03909
1.471	-6.526	-75546	-172.38780	-28815	-13600	-02747	-01297	1.44487	3.20913	-03556
1.470	-6.029	-75686	-171.74840	-26784	-12589	-02706	-01272	1.44766	3.21924	-03143
1.471	-5.533	-75559	-171.02960	-24617	-11531	-02764	-01295	1.45101	3.23146	-02791
1.470	-5.035	-75650	-170.15200	-22356	-10459	-02701	-01263	1.45114	3.23194	-02675
1.470	-4.542	-75874	-169.11590	-20224	-09447	-02602	-01215	1.45330	3.23978	-02502
1.470	-4.043	-75596	-167.84120	-18096	-08438	-02498	-01165	1.45438	3.24374	-02319
1.469	-3.552	-75915	-166.16980	-15902	-07400	-02503	-01165	1.45546	3.24768	-02122
1.470	-3.065	-76091	-164.02240	-13713	-06370	-02462	-01144	1.45788	3.25652	-01934
1.470	-2.573	-76213	-161.12120	-11571	-05376	-02401	-01116	1.45789	3.25657	-01939
1.470	-2.095	-76849	-157.03070	-09704	-04507	-02361	-01096	1.45810	3.25734	-01904
1.470	-1.621	-77750	-150.91870	-07827	-03631	-02403	-01115	1.45905	3.26082	-01795
1.471	-1.158	-79256	-141.20210	-05963	-02766	-02499	-01159	1.45997	3.26421	-01747
1.470	-0.719	-83702	-125.03380	-04143	-01920	-02699	-01251	1.45998	3.26423	-01687
1.470	-0.293	-94333	-100.63970	-02303	-01067	-03150	-01460	1.45979	3.26355	-01673
1.471	.215	-1.08681	-72.29405	-00121	-00056	-03766	-01744	1.46100	3.26799	-01644
1.484	.782	-1.18401	-51.07181	.02236	.01056	-03999	-01889	1.46016	3.26489	-01674
GRADIENT		-.06910	21.07949	.04191	.01956	-.00240	-.00112	.00135	.00493	.00149

(TCMO47) ( 04 OCT 91 )

## PARAMETRIC DATA

BETA = -1.000 PHI = 180.000

RUN NO. 1589/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PHI	CPAO	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
1.492	-7.036	-76284	-172.94800	-32665	-15585	-03749	-01312	1.45990	3.26395	-04516
1.492	-6.524	-76833	-172.34840	-30407	-14482	-02805	-01336	1.46153	3.26993	-04328
1.492	-6.022	-76849	-171.70890	-28483	-13535	-02799	-01330	1.46361	3.27758	-04105
1.492	-5.531	-76715	-170.99010	-26390	-12510	-02722	-01290	1.46653	3.28833	-03826
1.492	-5.033	-77117	-170.07290	-24282	-11482	-02736	-01294	1.46860	3.29596	-03574
1.492	-4.534	-77331	-168.99690	-22073	-10414	-02678	-01264	1.47009	3.30147	-03353
1.493	-4.045	-77243	-167.72240	-19881	-09362	-02696	-01270	1.47283	3.31159	-03121
1.492	-3.550	-77149	-166.09060	-17670	-08305	-02646	-01243	1.47439	3.31740	-02925
1.492	-3.056	-77374	-163.90340	-15402	-07234	-02665	-01251	1.47459	3.31815	-02878
1.492	-2.573	-77875	-160.96270	-13217	-06206	-02656	-01247	1.47438	3.31737	-02857
1.492	-2.086	-78022	-156.87200	-11023	-05176	-02718	-01276	1.47493	3.31939	-02834
1.492	-1.615	-79077	-150.72040	-08927	-04195	-02824	-01327	1.47397	3.31581	-02912
1.492	-1.149	-80550	-140.92470	-06796	-03196	-02918	-01372	1.47380	3.31518	-03001
1.492	-0.711	-85067	-124.67730	-04724	-02223	-03111	-01464	1.47280	3.31151	-03060
1.492	-0.278	-94223	-100.24370	-02657	-01250	-03648	-01717	1.47288	3.31177	-03090
1.492	.231	-1.08432	-71.85846	-00170	-00080	-04332	-02039	1.47332	3.30973	-03134
1.492	.796	-1.17446	-50.71538	.02530	.01191	-04671	-02200	1.47198	3.30845	-03164
GRADIENT		-.06505	21.10490	.04600	.02166	-.00342	-.00161	-.00004	-.00014	-.00004

RUN NO. 1605/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PHI	CPAO	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
1.514	-7.040	-76835	-172.90860	-37124	-17592	-03215	-01523	1.49297	3.38676	-03570
1.515	-6.523	-76781	-172.34840	-34778	-16420	-03249	-01534	1.49700	3.40194	-03191
1.514	-6.027	-76906	-171.70900	-32472	-15289	-03282	-01545	1.49884	3.40890	-02930
1.514	-5.530	-76690	-170.99000	-29975	-14065	-03100	-01455	1.50123	3.41792	-02626
1.514	-5.033	-77073	-170.07290	-27165	-12707	-03023	-01414	1.50471	3.43112	-02279
1.514	-4.538	-77454	-168.99700	-24584	-11485	-03026	-01413	1.50506	3.43245	-02171
1.514	-4.044	-77377	-167.68260	-22156	-10355	-03114	-01456	1.50496	3.43205	-02207
1.514	-3.554	-77365	-166.05090	-19898	-09287	-03178	-01483	1.50673	3.43879	-02059
1.515	-3.060	-77348	-163.90340	-17135	-07986	-03222	-01502	1.50868	3.44618	-01895
1.514	-2.573	-77778	-160.96260	-14341	-06674	-03270	-01522	1.50921	3.44819	-01757
1.514	-2.084	-78086	-156.83230	-11639	-05407	-03252	-01511	1.51067	3.45376	-01575
1.514	-1.614	-79125	-150.68080	-08878	-04123	-03200	-01486	1.51126	3.45600	-01543
1.514	-1.153	-80770	-140.92470	-06486	-03014	-03249	-01510	1.50996	3.45107	-01629
1.514	-0.709	-85050	-124.63770	-04330	-02013	-03522	-01638	1.50960	3.44967	-01659
1.514	-.281	-94563	-100.28330	-02262	-01052	-04042	-01880	1.50986	3.45066	-01633
1.514	.232	-1.08869	-71.85844	.00186	.00086	-04693	-02182	1.51030	3.45236	-01693
1.514	.799	-1.17875	-50.71532	.02848	.01323	-04938	-02294	1.51174	3.45783	-01537
GRADIENT		-.06558	21.08189	.05246	.02450	-.00312	-.00143	-.00111	-.00424	-.00123

(TCMO47) ( 04 OCT 91 )

IA310 (AEDC 16TF-783) PROBE CALIBRATION

PARAMETRIC DATA

BETA = -1.000 PHI = 180.000

RUN NO. 1620/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
1.541	-7.035	-.76812	-172.90860	-.34950	-.16488	-.03804	-.01795	1.52830	3.52135	-.02377
1.541	-6.523	-.76811	-172.34840	-.31647	-.14914	-.03575	-.01685	1.53011	3.52832	-.02249
1.541	-6.027	-.76934	-171.70900	-.28553	-.13447	-.03432	-.01616	1.52999	3.52786	-.02192
1.541	-5.530	-.77161	-170.95060	-.25645	-.12077	-.03384	-.01593	1.52993	3.52763	-.02185
1.540	-5.038	-.77263	-170.07300	-.22871	-.10771	-.03432	-.01616	1.52980	3.52714	-.02184
1.540	-4.534	-.77177	-169.03660	-.20029	-.09430	-.03365	-.01585	1.52983	3.52724	-.02164
1.541	-4.040	-.77220	-167.72240	-.17002	-.08000	-.03150	-.01482	1.53067	3.53049	-.02097
1.541	-3.549	-.77193	-166.09060	-.13894	-.06532	-.02930	-.01378	1.53188	3.53517	-.02003
1.541	-3.056	-.77251	-163.94310	-.11357	-.05336	-.02672	-.01255	1.53291	3.53916	-.01920
1.541	-2.574	-.77793	-161.00240	-.09306	-.04373	-.02650	-.01245	1.53207	3.53589	-.01954
1.541	-2.090	-.78260	-156.87210	-.07718	-.03630	-.02632	-.01238	1.53171	3.53450	-.02018
1.541	-1.614	-.79065	-150.72040	-.05970	-.02810	-.02591	-.01219	1.53089	3.53135	-.02091
1.541	-1.149	-.80440	-140.96430	-.04313	-.02031	-.02575	-.01213	1.53046	3.52969	-.02134
1.541	-.710	-.85005	-124.71690	-.02834	-.01333	-.02593	-.01220	1.53185	3.53508	-.02024
1.541	-.280	-.94620	-100.28330	-.01377	-.00648	-.02917	-.01372	1.53202	3.53571	-.01977
1.542	.231	-1.08355	-71.89804	.00320	.00151	-.03289	-.01547	1.53184	3.53503	-.02028
1.541	.796	-1.17530	-50.75499	.02137	.01005	-.03473	-.01634	1.53188	3.53517	-.02003
		-.06542	21.11213	.04011	.01887	-.00012	-.00005	.00017	.00066	.00011

GRADIENT

IA310 (AEDC 16TF-783) TABULATED DATA  
IA310 (AEDC 16TF-783) PROBE CALIBRATION

(TCMO48) ( 04 OCT 91 )

PARAMETRIC DATA

BETA = -.500 PHI = 180.000

RUN NO. 1574/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
.600	-7.023	-.21427	-177.16760	-.30078	-.06041	-.00789	-.00158	.57750	1.25358	-.01726
.599	-6.514	-.21202	-176.96720	-.27863	-.05573	-.00704	-.00141	.58061	1.25654	-.01447
.599	-6.011	-.21442	-176.68750	-.25794	-.05152	-.00713	-.00142	.58320	1.25902	-.01261
.600	-5.513	-.21629	-176.36810	-.23689	-.04723	-.00571	-.00114	.58677	1.26247	-.01005
.601	-5.021	-.21300	-176.04840	-.21606	-.04315	-.00508	-.00101	.58920	1.26484	-.00897
.600	-4.523	-.21332	-175.60970	-.19615	-.03904	-.00557	-.00111	.59055	1.26616	-.00738
.600	-4.026	-.21444	-175.05190	-.17537	-.03490	-.00536	-.00107	.59294	1.26850	-.00591
.600	-3.528	-.21555	-174.33510	-.15427	-.03063	-.00545	-.00108	.59463	1.27017	-.00441
.600	-3.030	-.21521	-173.41970	-.13283	-.02634	-.00518	-.00103	.59595	1.27148	-.00332
.601	-2.537	-.21723	-172.10720	-.11184	-.02220	-.00491	-.00098	.59701	1.27253	-.00293
.600	-2.049	-.21687	-170.27850	-.09131	-.01807	-.00397	-.00078	.59782	1.27333	-.00168
.601	-1.561	-.21684	-167.29850	-.07033	-.01395	-.00295	-.00059	.59904	1.27454	-.00147
.601	-1.088	-.22090	-161.81890	-.05003	-.00992	-.00231	-.00046	.59902	1.27452	-.00136
.600	-.654	-.23658	-149.67850	-.03330	-.00659	-.00216	-.00043	.59904	1.27454	-.00101
.600	-.310	-.32733	-117.14760	-.02047	-.00405	-.00583	-.00115	.59946	1.27496	-.00075
.601	.248	-.66529	-57.37181	.00056	.00011	-.02014	-.00399	.59981	1.27531	-.00055
.601	.828	-.75791	-34.24951	.02359	.00468	-.02333	-.00463	.59977	1.27527	-.00100
		-.07991	23.04542	.04132	.00822	-.00224	-.00044	.00162	.00160	-.00118

RUN NO. 1464/ O RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
.800	-7.018	-.29826	-176.81260	-.28750	-.08647	-.01102	-.00331	.77656	1.48968	-.02332
.800	-6.507	-.29714	-176.57230	-.26799	-.08033	-.00979	-.00293	.77965	1.49416	-.02008
.800	-6.006	-.29668	-176.29230	-.24785	-.07408	-.00948	-.00283	.78225	1.49794	-.01740
.800	-5.505	-.29482	-175.97250	-.22768	-.06790	-.00867	-.00259	.78524	1.50232	-.01468
.800	-5.010	-.29494	-175.57340	-.20796	-.06186	-.00867	-.00258	.78774	1.50601	-.01217
.800	-4.515	-.29466	-175.09480	-.18814	-.05586	-.00759	-.00225	.78963	1.50880	-.01024
.800	-4.014	-.29650	-174.45730	-.16793	-.04979	-.00803	-.00238	.79167	1.51184	-.00849
.800	-3.518	-.29556	-173.70060	-.14759	-.04366	-.00748	-.00221	.79306	1.51391	-.00674
.800	-3.022	-.29611	-172.66600	-.12735	-.03763	-.00749	-.00221	.79459	1.51620	-.00542
.800	-2.530	-.29728	-171.23420	-.10704	-.03158	-.00771	-.00206	.79549	1.51754	-.00423
.800	-2.033	-.29622	-169.16710	-.08735	-.02575	-.00697	-.00206	.79631	1.51877	-.00338
.800	-1.549	-.29869	-165.83000	-.06756	-.01991	-.00649	-.00191	.79733	1.52032	-.00264
.800	-1.072	-.29976	-159.83500	-.04809	-.01417	-.00586	-.00173	.79808	1.52144	-.00216
.802	-.620	-.30802	-146.50660	-.03192	-.00940	-.00510	-.00150	.79839	1.52191	-.00172
.802	-.218	-.44312	-105.90270	-.01678	-.00496	-.01041	-.00308	.79894	1.52273	-.00281
.800	.329	-.63412	-53.53152	.00340	.00100	-.01875	-.00551	.80116	1.52609	-.00083
.800	.886	-.69473	-31.91336	.02545	.00749	-.02014	-.00593	.79777	1.52097	-.00211
		-.06156	23.80669	.03959	.01173	-.00171	-.00050	.00162	.00264	-.00164

(TCMO48) ( 04 OCT 91 )

PARAMETRIC DATA

BETA = .500 PHI = 180.000

RUN NO. 1498/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
.900	-7.016	-.28159	-176.89150	-.27711	-.09514	-.01059	-.00364	.87721	1.65039	-.02445
.900	-6.503	-.28086	-176.65120	-.25733	-.08809	-.01005	-.00344	.88043	1.65607	-.02117
.900	-6.006	-.28110	-176.37130	-.23813	-.08124	-.00940	-.00321	.88304	1.66070	-.01806
.900	-5.504	-.28388	-176.01200	-.21878	-.07449	-.00809	-.00275	.88576	1.66554	-.01550
.900	-5.012	-.28480	-175.61300	-.19976	-.06783	-.00781	-.00265	.88822	1.66994	-.01284
.900	-4.510	-.28119	-175.17400	-.18077	-.06127	-.00698	-.00237	.89023	1.67356	-.01080
.900	-4.012	-.28122	-174.57620	-.16129	-.05456	-.00680	-.00230	.89214	1.67701	-.00880
.900	-3.520	-.28421	-173.78000	-.14154	-.04781	-.00702	-.00237	.89379	1.67998	-.00714
.900	-3.017	-.28239	-172.78490	-.12183	-.04106	-.00737	-.00248	.89581	1.68365	-.00490
.901	-2.524	-.28285	-171.39290	-.10266	-.03462	-.00650	-.00219	.89642	1.68475	-.00481
.900	-2.031	-.28198	-169.36560	-.08368	-.02816	-.00640	-.00215	.89710	1.68599	-.00342
.900	-1.547	-.28440	-166.06820	-.06469	-.02176	-.00584	-.00196	.89757	1.68685	-.00309
.900	-1.070	-.28532	-160.15230	-.04651	-.01562	-.00537	-.00180	.89821	1.68802	-.00184
.900	-.623	-.29578	-146.98230	-.03034	-.01018	-.00516	-.00173	.89885	1.68920	-.00118
.900	-.259	-.37602	-112.83140	-.01709	-.00574	-.00763	-.00256	.89871	1.68893	-.00135
.900	.313	-.64076	-54.36290	.00328	.00110	-.01767	-.00593	.89859	1.68872	-.00138
.900	.881	-.69969	-31.87381	.02455	.00824	-.01932	-.00649	.89843	1.68844	-.00166
GRADIENT		-.06209	23.50734	.03813	.01290	-.00162	-.00054	.00148	.00269	.00171

RUN NO. 1483/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
1.100	-7.012	-.42327	-176.21950	-.25150	-.10243	-.01387	-.00565	1.07884	2.07904	-.02566
1.100	-6.497	-.42508	-175.89960	-.23366	-.09488	-.01320	-.00536	1.08161	2.08598	-.02251
1.100	-5.998	-.42286	-175.57950	-.21610	-.08747	-.01342	-.00543	1.08410	2.09226	-.01930
1.100	-5.499	-.42644	-175.14060	-.19886	-.08026	-.01252	-.00505	1.08667	2.09875	-.01627
1.100	-5.005	-.42374	-174.70150	-.18160	-.07312	-.01148	-.00462	1.08859	2.10363	-.01394
1.100	-4.500	-.43313	-174.10420	-.16414	-.06593	-.01196	-.00480	1.09065	2.10886	-.01138
1.100	-4.001	-.42291	-173.54560	-.14641	-.05870	-.01091	-.00437	1.09214	2.11268	-.00960
1.100	-3.506	-.42352	-172.66960	-.12838	-.05136	-.01040	-.00416	1.09356	2.11632	-.00756
1.100	-3.005	-.42313	-171.47580	-.11043	-.04411	-.01015	-.00406	1.09497	2.11992	-.00589
1.100	-2.509	-.42433	-169.76590	-.09280	-.03702	-.01012	-.00400	1.09588	2.12224	-.00457
1.100	-2.010	-.42191	-167.34140	-.07575	-.03019	-.01000	-.00398	1.09703	2.12521	-.00352
1.100	-1.518	-.41980	-163.44880	-.05873	-.02339	-.00995	-.00396	1.09750	2.12642	-.00280
1.100	-1.025	-.41788	-156.38340	-.04208	-.01675	-.00899	-.00358	1.09805	2.12783	-.00216
1.100	-.571	-.43569	-141.27420	-.02675	-.01064	-.00891	-.00355	1.09838	2.12866	-.00191
1.100	-.102	-.48970	-98.06369	-.01141	-.00454	-.01127	-.00448	1.09861	2.12927	-.00139
1.100	.440	-.56446	-47.75131	.00619	.00246	-.01324	-.00526	1.09877	2.12968	-.00131
1.100	.966	-.58034	-28.07283	.02372	.00943	-.01332	-.00530	1.09889	2.12999	-.00113
GRADIENT		-.02412	24.51356	.03436	.01377	-.00023	-.00008	.00149	.00381	.00183

(TCM048) ( 04 OCT 91 )

PARAMETRIC DATA

BETA = -.500 PHI = 180.000

RUN NO. 1521/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
1.250	-7.018	-.32970	-176.65430	-.25868	-.11354	-.00913	-.00401	1.22802	2.49020	-.02620
1.250	-6.503	-.33068	-176.37420	-.24012	-.10501	-.00909	-.00397	1.23144	2.50046	-.02235
1.250	-6.004	-.32827	-176.09410	-.22219	-.09687	-.00967	-.00422	1.23446	2.50954	-.01901
1.250	-5.504	-.32988	-175.73470	-.20347	-.08848	-.00917	-.00399	1.23670	2.51630	-.01637
1.250	-5.005	-.33241	-175.29600	-.18544	-.08047	-.00822	-.00357	1.23780	2.51964	-.01448
1.250	-4.505	-.33064	-174.81730	-.16771	-.07262	-.00798	-.00346	1.23947	2.52468	-.01235
1.250	-4.012	-.32987	-174.21950	-.14980	-.06471	-.00696	-.00300	1.24134	2.53036	-.01001
1.250	-3.513	-.32960	-173.42310	-.13108	-.05650	-.00732	-.00315	1.24363	2.53733	-.00760
1.250	-3.014	-.33009	-172.34860	-.11259	-.04846	-.00723	-.00311	1.24457	2.54017	-.00626
1.250	-2.520	-.32947	-170.91680	-.09471	-.04071	-.00666	-.00286	1.24540	2.54271	-.00494
1.250	-2.024	-.32858	-168.77030	-.07747	-.03327	-.00655	-.00281	1.24709	2.54788	-.00373
1.250	-1.536	-.32933	-165.31410	-.06050	-.02595	-.00652	-.00280	1.24774	2.54984	-.00250
1.250	-1.055	-.32681	-159.04140	-.04353	-.01866	-.00585	-.00251	1.24794	2.55045	-.00227
1.250	-.604	-.33652	-145.11900	-.02772	-.01188	-.00552	-.00236	1.24833	2.55167	-.00198
1.249	-.192	-.45768	-104.04190	-.01351	-.00579	-.00364	-.00413	1.24824	2.55137	-.00142
1.250	.354	-.61536	-52.18546	.00531	.00228	-.01499	-.00642	1.24876	2.55296	-.00129
1.250	.910	-.66519	-30.80473	.02463	.01055	-.01629	-.00698	1.24871	2.55282	-.00130
GRADIENT		-.05147	23.98317	.03545	.01531	-.00121	-.00051	.00164	.00500	.00197

RUN NO. 1537/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
1.399	-7.017	-.34318	-176.61500	-.28667	-.13250	-.00581	-.00269	1.37601	2.96610	-.02738
1.400	-6.496	-.34351	-176.33480	-.26640	-.12277	-.00551	-.00254	1.37869	2.97532	-.02435
1.400	-5.997	-.34523	-176.01510	-.24674	-.11329	-.00485	-.00223	1.38219	2.98735	-.02052
1.400	-5.497	-.34197	-175.69530	-.22653	-.10376	-.00482	-.00221	1.38450	2.99535	-.01801
1.400	-5.009	-.34733	-175.25670	-.20755	-.09481	-.00451	-.00206	1.38711	3.00436	-.01481
1.400	-4.505	-.34653	-174.73820	-.18791	-.08560	-.00386	-.00176	1.38937	3.01218	-.01244
1.399	-4.011	-.34591	-174.10060	-.16808	-.07633	-.00379	-.00172	1.39131	3.01892	-.00944
1.400	-3.512	-.34697	-173.26450	-.14665	-.06653	-.00306	-.00139	1.39307	3.02505	-.00821
1.400	-3.013	-.34400	-172.22960	-.12571	-.05693	-.00310	-.00140	1.39396	3.02816	-.00658
1.400	-2.518	-.34441	-170.71830	-.10553	-.04776	-.00307	-.00139	1.39510	3.03212	-.00572
1.400	-2.022	-.34422	-168.49240	-.08678	-.03925	-.00312	-.00141	1.39544	3.03332	-.00508
1.400	-1.530	-.34251	-164.99650	-.06841	-.03087	-.00313	-.00141	1.39771	3.04123	-.00284
1.400	-1.053	-.34431	-158.56530	-.04961	-.02237	-.00282	-.00127	1.39868	3.04463	-.00191
1.400	-.595	-.34902	-144.40540	-.03166	-.01426	-.00260	-.00117	1.39880	3.04505	-.00136
1.400	-.177	-.46606	-102.93330	-.01536	-.00692	-.00680	-.00307	1.39842	3.04372	-.00166
1.400	.373	-.61266	-51.43321	.00544	.00245	-.01244	-.00560	1.39905	3.04593	-.00113
1.400	.918	-.64837	-30.17125	.02646	.01192	-.01383	-.00623	1.39916	3.04629	-.00122
GRADIENT		-.04710	24.09063	.03942	.01791	-.00151	-.00068	.00181	.00631	.00204

IA310 (AEDC 16TF-783) PROBE CALIBRATION (TCMO48) ( 04 OCT 91 )

PARAMETRIC DATA

BETA = -.500 PHI = 180.000

RUN NO. 1555/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
1.450	-7.016	-22867	-177.08830	-30064	-14102	-00518	-00243	1.42519	3.13829	-02865
1.450	-6.507	-23392	-176.80880	-28014	-13096	-00559	-00261	1.42803	3.14846	-02524
1.449	-6.008	-23109	-176.56860	-25919	-12080	-00616	-00287	1.42977	3.15467	-02232
1.450	-5.509	-23207	-176.24910	-23787	-11062	-00563	-00262	1.43238	3.16403	-01991
1.450	-5.011	-23132	-175.88980	-21882	-10149	-00556	-00258	1.43471	3.17242	-01725
1.449	-4.518	-23066	-175.45100	-19901	-09196	-00435	-00201	1.43676	3.17979	-01371
1.450	-4.015	-23163	-174.89320	-17812	-08212	-00369	-00170	1.43997	3.19138	-01110
1.449	-3.521	-23342	-174.17650	-15606	-07181	-00361	-00166	1.44126	3.19606	-00922
1.450	-3.024	-23387	-173.22140	-13361	-06142	-00334	-00153	1.44300	3.20234	-00812
1.449	-2.526	-23179	-171.94840	-11263	-05173	-00353	-00162	1.44288	3.20189	-00745
1.450	-2.038	-23438	-170.00060	-09299	-04267	-00328	-00151	1.44423	3.20681	-00635
1.450	-1.555	-23424	-166.98100	-07450	-03409	-00292	-00134	1.44638	3.21459	-00368
1.450	-1.082	-23472	-161.42200	-05501	-02509	-00264	-00121	1.45018	3.22840	-00015
1.451	-.643	-24850	-148.88540	-03612	-01646	-00262	-00119	1.45083	3.23080	.00035
1.450	-.299	-34517	-115.68240	-02136	-00974	-00526	-00240	1.45005	3.22794	-00001
1.450	.266	-66054	-56.38206	.00206	.00094	-.01812	-.00826	1.45056	3.22982	.00073
1.450	.841	-74421	-33.61598	.02566	.01170	-.02117	-.00965	1.45097	3.23130	.00035
GRADIENT		-.07563	23.21044	.04179	.01927	-.00234	-.00106	.00275	.00999	.00287

RUN NO. 1639/ O RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
1.470	-7.019	-25219	-176.96980	-30680	-14525	-00628	-00297	1.44075	3.19420	-03901
1.470	-6.504	-25183	-176.72960	-28681	-13531	-00585	-00276	1.44400	3.20596	-03528
1.469	-6.005	-25252	-176.44980	-26653	-12523	-00560	-00263	1.44707	3.21709	-03122
1.470	-5.507	-25252	-176.13020	-24452	-11451	-00607	-00284	1.45064	3.23008	-02776
1.470	-5.013	-25690	-175.73150	-22232	-10397	-00557	-00261	1.45231	3.23616	-02626
1.470	-4.510	-25468	-175.29260	-20137	-09401	-00454	-00212	1.45294	3.23848	-02462
1.470	-4.017	-25401	-174.73470	-17956	-08367	-00381	-00177	1.45528	3.24703	-02255
1.470	-3.518	-25257	-174.01780	-15770	-07334	-00358	-00167	1.45670	3.25223	-02058
1.484	-3.020	-25394	-173.02290	-13264	-06282	-00277	-00131	1.45798	3.25692	-01921
1.470	-2.533	-25341	-171.71030	-11425	-05309	-00232	-00108	1.45759	3.25547	-01970
1.470	-2.040	-25417	-169.72280	-09506	-04413	-00252	-00117	1.45853	3.25891	-01871
1.470	-1.551	-25527	-166.54440	-07596	-03522	-00226	-00105	1.45952	3.26256	-01760
1.470	-1.075	-25535	-160.82680	-05667	-02626	-00190	-00088	1.46019	3.26500	-01684
1.470	-.639	-26917	-148.01310	-03856	-01786	-00244	-00113	1.46046	3.26599	-01650
1.470	-.258	-42252	-108.27830	-.02201	-.01020	-.00985	-.00456	1.45971	3.26324	-01625
1.470	.287	-65457	-55.47147	.00180	.00083	-.01956	-.00906	1.46073	3.26698	-01625
1.470	.864	-72189	-32.54695	.02607	.01207	-.02167	-.01004	1.46028	3.26533	-01640
GRADIENT		-.07257	23.64120	.04181	.01953	-.00268	-.00124	.00126	.00460	.00144



IA310 (AEDC 16TF-783) PROBE CALIBRATION

(TCM04B) ( 04 OCT 91 )

PARAMETRIC DATA

BETA = -.500 PHI = 180.000

RUN NO. 1590/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
1.492	-7.017	-.26511	-176.93040	-.32563	-.15539	-.00502	-.00240	1.45984	3.26373	-.04536
1.492	-6.508	-.26458	-176.69020	-.30319	-.14440	-.00544	-.00259	1.46218	3.27232	-.04307
1.492	-6.004	-.26447	-176.41030	-.28431	-.13501	-.00498	-.00236	1.46495	3.28249	-.04007
1.492	-5.511	-.26851	-176.05120	-.26311	-.12464	-.00466	-.00221	1.46709	3.29040	-.03752
1.492	-5.012	-.26608	-175.69180	-.24188	-.11430	-.00371	-.00175	1.46872	3.29640	-.03508
1.492	-4.514	-.26822	-175.21340	-.21940	-.10347	-.00400	-.00189	1.47073	3.30385	-.03296
1.492	-4.016	-.26737	-174.65550	-.19732	-.09285	-.00342	-.00161	1.47309	3.31256	-.03058
1.493	-3.523	-.26791	-173.89880	-.17482	-.08214	-.00293	-.00138	1.47477	3.31881	-.02892
1.492	-3.024	-.26826	-172.90390	-.15202	-.07139	-.00307	-.00144	1.47472	3.31861	-.02846
1.492	-2.531	-.26983	-171.51190	-.13027	-.06115	-.00360	-.00169	1.47492	3.31937	-.02821
1.492	-2.039	-.26913	-169.52430	-.10812	-.05076	-.00342	-.00160	1.47481	3.31896	-.02837
1.492	-1.549	-.26987	-166.30630	-.08630	-.04056	-.00352	-.00166	1.47377	3.31510	-.02941
1.493	-1.078	-.27193	-160.50940	-.06522	-.03067	-.00383	-.00180	1.47396	3.31578	-.02936
1.492	-.629	-.28218	-147.45810	-.04490	-.02111	-.00440	-.00207	1.47383	3.31530	-.02961
1.492	-.244	-.42999	-107.36770	-.02569	-.01208	-.01326	-.00623	1.47333	3.31346	-.02973
1.492	.302	-.64757	-54.75883	.00268	.00126	-.02285	-.01075	1.47259	3.31073	-.03076
1.492	.872	-.71317	-32.38853	.02974	.01401	-.02461	-.01159	1.47187	3.30804	-.03181
GRADIENT		-.06885	23.68401	.04596	.02163	-.00347	-.00163	-.00007	-.00026	-.00004

RUN NO. 1606/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
1.515	-7.022	-.26624	-176.93060	-.37043	-.17535	-.00802	-.00380	1.49510	3.39480	-.03385
1.515	-6.502	-.26485	-176.69020	-.34732	-.16394	-.00762	-.00360	1.49712	3.40242	-.03099
1.514	-6.004	-.26480	-176.41030	-.32306	-.15205	-.00675	-.00318	1.49950	3.41138	-.02811
1.515	-5.510	-.26822	-176.05120	-.29680	-.13925	-.00555	-.00260	1.50253	3.42284	-.02491
1.515	-5.012	-.26589	-175.69180	-.26993	-.12645	-.00418	-.00196	1.50457	3.43059	-.02331
1.515	-4.514	-.26695	-175.21330	-.24423	-.11425	-.00474	-.00222	1.50511	3.43264	-.02215
1.514	-4.016	-.26829	-174.61570	-.22248	-.10399	-.00517	-.00242	1.50578	3.43515	-.02151
1.514	-3.518	-.26643	-173.89870	-.19721	-.09204	-.00603	-.00281	1.50676	3.43888	-.02007
1.515	3.019	-.26992	-172.86420	-.16958	-.07899	-.00616	-.00287	1.50953	3.44943	-.01805
1.514	-2.531	-.26801	-171.55160	-.14143	-.06577	-.00623	-.00290	1.50989	3.45079	-.01671
1.514	-2.038	-.26925	-169.52430	-.11448	-.05317	-.00619	-.00287	1.51068	3.45379	-.01527
1.514	-1.548	-.26854	-166.34600	-.08789	-.04082	-.00587	-.00272	1.51137	3.45642	-.01521
1.514	-1.072	-.27051	-160.46970	-.06418	-.02983	-.00711	-.00331	1.51059	3.45345	-.01606
1.514	-.633	-.28181	-147.53740	-.04367	-.02029	-.00987	-.00459	1.51061	3.45355	-.01579
1.514	-.245	-.43392	-107.40730	-.02222	-.01032	-.02058	-.00956	1.51089	3.45460	-.01525
1.514	.301	-.64777	-54.87759	.00797	.00370	-.03066	-.01425	1.51002	3.45129	-.01575
1.514	.871	-.71394	-32.38852	.03393	.01578	-.03098	-.01440	1.51009	3.45156	-.01571
GRADIENT		-.06918	23.67958	.05259	.02457	-.00462	-.00214	.00095	.00362	.00124

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(TCMO48) ( 04 OCT 91 )

PARAMETRIC DATA

BETA = -.500 PHI = 180.000

RUN NO. 1621/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
1.541	-7.017	-.26564	-176.93050	-.34578	-.16320	-.01111	-.00525	1.52873	3.52300	-.02353
1.541	-6.502	-.26465	-176.69020	-.31166	-.14692	-.00957	-.00451	1.52957	3.52626	-.02228
1.541	-6.009	-.26534	-176.41040	-.28143	-.13260	-.00966	-.00455	1.53044	3.52962	-.02168
1.542	-5.505	-.26866	-176.05120	-.25237	-.11882	-.00953	-.00449	1.53143	3.53344	-.02095
1.542	-5.012	-.27050	-175.65230	-.22359	-.10533	-.00915	-.00431	1.53110	3.53217	-.02153
1.541	-4.514	-.26969	-175.21350	-.19504	-.09190	-.00992	-.00468	1.53018	3.52859	-.02179
1.542	-4.016	-.26784	-174.65550	-.16533	-.07786	-.00874	-.00412	1.53117	3.53241	-.02116
1.541	-3.518	-.26871	-173.89890	-.13559	-.06375	-.00743	-.00350	1.53242	3.53728	-.01956
1.542	-3.020	-.26669	-172.94360	-.11132	-.05232	-.00718	-.00337	1.53304	3.53967	-.01894
1.541	-2.527	-.26852	-171.55170	-.09192	-.04324	-.00802	-.00377	1.53166	3.53432	-.02008
1.542	-2.034	-.26783	-169.56400	-.07507	-.03533	-.00832	-.00391	1.53096	3.53161	-.02052
1.541	-1.549	-.26888	-166.34600	-.05747	-.02704	-.00731	-.00344	1.53195	3.53544	-.02025
1.541	-1.077	-.27179	-160.50940	-.04074	-.01917	-.00691	-.00325	1.53196	3.53548	-.02013
1.541	-.632	-.28310	-147.49770	-.02641	-.01242	-.00611	-.00287	1.53166	3.53433	-.01986
1.542	-.245	-.43475	-107.40730	-.01361	-.00640	-.01247	-.00586	1.53212	3.53611	-.01961
1.542	.303	-.64741	-54.79842	.00566	.00267	-.01895	-.00892	1.53203	3.53576	-.01971
1.542	.879	-.71215	-32.11136	.02382	.01121	-.01995	-.00939	1.53241	3.53722	-.01974
GRADIENT		-.06895	23.71303	.03918	.01845	-.00164	-.00077	.00018	.00071	.00022

(TCMO49) ( 04 OCT 91 )

IA310 (AEDC 16TF-783) PROBE CALIBRATION

PARAMETRIC DATA

BETA = .000 PHI = 180.000

RUN NO. 1575/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
.599	-6.997	.29695	178.69400	-.29606	-.06002	.01296	.00260	.57706	1.25316	-.01737
.600	-6.488	.29875	178.57460	-.27677	-.05545	.01348	.00270	.58068	1.25660	-.01479
.599	-5.986	.29486	178.49450	-.25655	-.05119	.01475	.00294	.58332	1.25914	-.01229
.600	-5.492	.29676	178.33550	-.23486	-.04692	.01605	.00321	.58675	1.26245	-.01055
.600	-4.994	.29617	178.17630	-.21451	-.04280	.01595	.00318	.58876	1.26441	-.00904
.600	-4.490	.29574	177.97760	-.19359	-.03857	.01590	.00317	.59105	1.26665	-.00734
.600	-3.991	.29783	177.69970	-.17286	-.03435	.01611	.00320	.59252	1.26809	-.00583
.600	-3.487	.29474	177.42160	-.15193	-.03016	.01575	.00313	.59397	1.26952	-.00474
.600	-2.987	.29566	176.98520	-.13043	-.02588	.01547	.00307	.59574	1.27127	-.00356
.600	-2.482	.29350	176.42980	-.10874	-.02157	.01546	.00307	.59670	1.27222	-.00295
.601	-1.976	.29291	175.55760	-.08785	-.01743	.01618	.00321	.59825	1.27376	-.00202
.600	-1.468	.29037	174.17040	-.06613	-.01308	.01721	.00340	.59819	1.27370	-.00139
.600	-.954	.28659	171.43630	-.04457	-.00882	.01664	.00329	.59898	1.27449	-.00096
.600	-.420	.26930	164.18700	-.02361	-.00467	.01738	.00344	.59906	1.27456	-.00085
.600	-.075	-.17418	.86780	-.01271	-.00251	-.00146	-.00029	.59951	1.27501	-.00061
.600	.472	-.25165	-9.50680	.00803	.00159	-.00378	-.00075	.59966	1.27517	-.00060
.600	.984	-.28028	-6.29842	.02920	.00578	-.00413	-.00082	.59948	1.27499	-.00069
.600	GRADIENT	-.08900	-30.49832	.04096	.00815	-.00304	-.00061	.00175	.00174	.00136

RUN NO. 1465/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
.800	-7.003	.21322	179.04800	-.28645	-.08607	.01128	.00339	.77649	1.48957	-.02297
.800	-6.492	.21335	178.96820	-.26645	-.07987	.01069	.00320	.77987	1.49447	-.01998
.800	-5.986	.21267	178.88850	-.24647	-.07370	.01126	.00337	.78282	1.49878	-.01718
.800	-5.491	.21437	178.76920	-.22630	-.06747	.01253	.00374	.78568	1.50297	-.01433
.800	-4.991	.21415	178.64990	-.20648	-.06145	.01291	.00384	.78801	1.50641	-.01219
.800	-4.490	.21461	178.49100	-.18648	-.05536	.01285	.00382	.78969	1.50890	-.01021
.800	-3.990	.21539	178.29250	-.16649	-.04934	.01270	.00376	.79174	1.51195	-.00823
.800	-3.489	.21489	178.05420	-.14616	-.04324	.01242	.00367	.79334	1.51433	-.00664
.800	-2.988	.21299	177.77640	-.12587	-.03721	.01230	.00364	.79485	1.51658	-.00538
.800	-2.487	.21430	177.30060	-.10521	-.03106	.01280	.00378	.79595	1.51823	-.00420
.800	-1.980	.21262	176.66620	-.08520	-.02511	.01304	.00384	.79646	1.51900	-.00318
.800	-1.477	.21100	175.63570	-.06476	-.01908	.01352	.00398	.79744	1.52048	-.00250
.800	-.971	.20875	173.61480	-.04453	-.01311	.01336	.00423	.79787	1.52113	-.00209
.800	-.451	.19832	168.22700	-.02509	-.00739	.01437	.00433	.79839	1.52191	-.00156
.800	.083	-.11513	41.93819	-.00453	-.00133	.00124	.00037	.79899	1.52281	-.00133
.801	.489	-.17306	-4.67581	.00963	.00283	-.00035	-.00010	.79935	1.52336	-.00117
.800	1.006	-.19536	-3.56636	.02974	.00875	-.00068	-.00020	.79871	1.52239	-.00100
.800	GRADIENT	-.06311	-28.30927	.03956	.01174	-.00202	-.00060	.00180	.00269	.00179

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(TCMO49) ( 04 OCT 91 )

PARAMETRIC DATA

BETA = .000 PHI = 180.000

RUN NO. 1499/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
.900	-7.001	.22473	179.00860	-.27538	-.09451	.00973	.00334	.87777	1.65139	-.02392
.900	-6.487	.22925	178.88950	-.25593	-.08759	.01040	.00356	.88075	1.65664	-.02087
.900	-5.985	.22759	178.80970	-.23681	-.08082	.01168	.00399	.88329	1.66113	-.01811
.900	-5.483	.22840	178.69040	-.21732	-.07398	.01200	.00409	.88596	1.66589	-.01533
.900	-4.991	.22718	178.57100	-.19836	-.06738	.01256	.00427	.88826	1.67002	-.01299
.900	-4.489	.22741	178.41200	-.17943	-.06078	.01266	.00429	.89021	1.67351	-.01055
.900	-3.986	.22763	178.21340	-.15986	-.05406	.01280	.00433	.89197	1.67668	-.00868
.900	-3.489	.22628	177.97520	-.14007	-.04730	.01246	.00421	.89375	1.67992	-.00701
.900	-2.981	.22713	177.61810	-.12055	-.04062	.01243	.00419	.89476	1.68175	-.00543
.900	-2.478	.22531	177.18180	-.10091	-.03397	.01251	.00421	.89594	1.68388	-.00429
.900	-1.980	.22476	176.50780	-.08177	-.02750	.01266	.00426	.89672	1.68530	-.00341
.900	-1.475	.22478	175.35840	-.06210	-.02087	.01315	.00442	.89765	1.68700	-.00245
.900	-.966	.22156	173.21870	-.04268	-.01433	.01433	.00433	.89822	1.68805	-.00191
.900	-.448	.21111	167.47440	-.02409	-.00809	.01362	.00457	.89866	1.68884	-.00141
.900	.048	-.13979	26.80847	-.00613	-.00206	-.00061	.00021	.89875	1.68901	-.00126
.900	.481	-.18935	-5.82417	.00900	.00302	-.00079	-.00026	.89896	1.68940	-.00106
.900	.997	-.21063	-4.04149	.02819	.00946	-.00102	-.00034	.89885	1.68920	-.00110
.900	GRADIENT	-.06813	-29.10114	.03798	.01286	-.00210	-.00071	.00173	.00315	.00192

RUN NO. 1484/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
1.100	-7.006	.08456	179.67870	-.25068	-.10209	.00435	.00177	1.07887	2.07912	-.02562
1.100	-6.492	.08663	179.63910	-.23266	-.09444	.00551	.00224	1.08190	2.08672	-.02212
1.100	-5.995	.08705	179.59920	-.21562	-.08723	.00504	.00204	1.08407	2.09220	-.01892
1.100	-5.492	.08713	179.55930	-.19809	-.07993	.00592	.00239	1.08680	2.09910	-.01612
1.100	-4.992	.08539	179.51930	-.18111	-.07287	.00635	.00255	1.08886	2.10432	-.01328
1.100	-4.488	.08434	179.43970	-.16372	-.06575	.00626	.00252	1.09080	2.10927	-.01125
1.100	-3.995	.07877	179.32010	-.14574	-.05840	.00674	.00270	1.09226	2.11299	-.00921
1.100	-3.496	.08240	179.12180	-.12786	-.05115	.00692	.00277	1.09388	2.11713	-.00735
1.100	-2.997	.08810	178.92380	-.10959	-.04377	.00665	.00266	1.09508	2.12020	-.00586
1.100	-2.488	.08894	178.76520	-.09212	-.03674	.00708	.00282	1.09606	2.12270	-.00439
1.100	-1.996	.08772	178.56690	-.07501	-.02989	.00717	.00286	1.09691	2.12490	-.00361
1.100	-1.487	.08614	178.17050	-.05773	-.02298	.00765	.00304	1.09767	2.12686	-.00263
1.100	-.989	.08516	177.45720	-.04085	-.01626	.00752	.00299	1.09841	2.12876	-.00203
1.100	-.486	.08193	175.47610	-.02444	-.00972	.00818	.00273	1.09864	2.12933	-.00157
1.100	.001	.03328	159.94870	-.00829	-.00330	.00687	.00273	1.09883	2.12984	-.00130
1.100	.513	-.05394	1.30364	.00824	.00327	.00394	.00156	1.09901	2.13030	-.00090
1.100	1.014	-.06512	.03670	.02525	.01004	.00388	.00154	1.09934	2.13115	-.00084
1.100	GRADIENT	-.01962	-22.63144	.03437	.01379	-.00022	-.00009	.00168	.00430	.00203

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(TCM049) ( 04 OCT 91 )

PARAMETRIC DATA

BETA = .000 PHI = 180.000

RUN NO. 1522/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
1.250	-7.001	.17721	179.24520	-.25759	-.11309	.01594	.00368	1.20846	2.49151	-.02629
1.250	-6.485	.17954	179.16570	-.23923	-.10461	.01625	.00380	1.23137	2.50026	-.02226
1.250	-5.987	.18028	179.08600	-.22128	-.09649	.01544	.00432	1.23380	2.50756	-.01937
1.250	-5.488	.17921	179.00630	-.20246	-.08800	.01576	.00404	1.23545	2.51555	-.01615
1.250	-4.984	.17986	178.88700	-.18436	-.08000	.01607	.00453	1.23786	2.51981	-.01445
1.250	-4.486	.18002	178.72810	-.16666	-.07217	.01651	.00441	1.23963	2.52517	-.01237
1.250	-3.988	.18045	178.52950	-.14854	-.06418	.01689	.00481	1.24183	2.53184	-.00991
1.250	-3.489	.17951	178.33100	-.12993	-.05603	.01699	.00456	1.24277	2.53470	-.00816
1.250	-2.987	.17841	178.05320	-.11175	-.04809	.01609	.00460	1.24457	2.54017	-.00606
1.250	-2.483	.18083	177.61710	-.09362	-.04024	.01556	.00454	1.24601	2.54458	-.00470
1.250	-1.978	.18038	177.06210	-.07625	-.03273	.01509	.00455	1.24703	2.54768	-.00337
1.250	-1.478	.17930	176.19010	-.05987	-.02524	.01485	.00465	1.24745	2.54897	-.00262
1.250	-.980	.17624	174.40690	-.04097	-.01756	.01449	.00493	1.24803	2.55075	-.00216
1.249	-.462	.16954	169.65290	-.02292	-.00982	.01174	.00503	1.24812	2.55100	-.00161
1.250	.102	.03761	107.87740	-.00330	-.00141	.00767	.00329	1.24803	2.55073	-.00218
1.250	.502	-.13879	-2.65627	.00982	.00421	.00164	.00070	1.24857	2.55239	-.00167
1.250	1.009	-.15984	-2.61614	.02771	.01186	.00154	.00066	1.24890	2.55340	-.00104
1.250	GRADIENT	-.04621	-25.20443	.03539	.01531	-.00114	-.00050	.00175	.00534	.00213

RUN NO. 1538/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
1.400	-7.005	.16861	179.24500	-.28507	-.13179	.01594	.00737	1.37627	2.96699	-.02751
1.400	-6.490	.16654	179.20490	-.26513	-.12213	.01625	.00748	1.37979	2.97907	-.02369
1.400	-5.987	.16364	179.16480	-.24554	-.11273	.01544	.00709	1.38202	2.98676	-.02048
1.400	-5.487	.16647	179.04560	-.22533	-.10321	.01576	.00722	1.38411	2.99399	-.01803
1.400	-4.989	.16314	178.96580	-.20637	-.09422	.01607	.00734	1.38737	3.00528	-.01471
1.400	-4.485	.16553	178.80700	-.18689	-.08512	.01651	.00752	1.38984	3.01384	-.01209
1.400	-3.993	.16588	178.64810	-.16673	-.07577	.01689	.00768	1.39115	3.01839	-.01008
1.400	-3.489	.16592	178.44970	-.14549	-.06598	.01689	.00766	1.39287	3.02435	-.00791
1.400	-2.987	.16475	178.21160	-.12439	-.05636	.01645	.00745	1.39413	3.02875	-.00692
1.400	-2.484	.16483	177.85460	-.10436	-.04722	.01613	.00730	1.39527	3.03270	-.00552
1.400	-1.981	.16419	177.33930	-.08547	-.03865	.01595	.00721	1.39616	3.03582	-.00487
1.400	-1.483	.16370	176.50690	-.06665	-.03007	.01609	.00726	1.39778	3.04149	-.00272
1.399	-.979	.16362	174.84270	-.04666	-.02104	.01641	.00740	1.39769	3.04115	-.00207
1.400	-.468	.15563	170.64320	-.02695	-.01215	.01683	.00758	1.39901	3.04577	-.00149
1.400	.091	.04916	114.01500	-.00539	-.00243	.01279	.00576	1.39896	3.04562	-.00152
1.400	.501	-.12563	-1.94349	.00972	.00438	.00634	.00285	1.39947	3.04739	-.00071
1.400	1.006	-.14532	-2.10137	.02940	.01325	.00554	.00249	1.39911	3.04614	-.00117
1.400	GRADIENT	-.04151	-24.85189	.03934	.01790	-.00143	-.00066	.00195	.00679	.00224

(TCM049) ( 04 OCT 91 )

PARAMETRIC DATA

BETA = .000 PHI = 180.000

RUN NO. 1556/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
1.450	-6.956	.23319	179.16620	-.29735	-.13937	.01507	.00706	1.42593	3.14094	-.02788
1.450	-6.487	.28070	178.69310	-.27866	-.13023	.01690	.00790	1.42771	3.14731	-.02506
1.450	-5.983	.28116	178.57360	-.25748	-.12006	.01643	.00766	1.43076	3.15822	-.02250
1.450	-5.484	.28057	178.45410	-.23631	-.10990	.01564	.00727	1.43261	3.16489	-.01998
1.450	-4.980	.28043	178.29500	-.21745	-.10081	.01622	.00752	1.43551	3.17531	-.01668
1.450	-4.481	.27627	178.13560	-.19738	-.09122	.01751	.00809	1.43808	3.18455	-.01360
1.451	-3.982	.27814	177.85770	-.17581	-.08105	.01752	.00808	1.44094	3.19488	-.01091
1.450	-3.483	.27604	177.57970	-.15414	-.07093	.01739	.00800	1.44224	3.19960	-.00909
1.450	-2.979	.27720	177.14330	-.13190	-.06065	.01756	.00807	1.44240	3.20017	-.00849
1.450	-2.475	.27807	176.54850	-.11064	-.05083	.01687	.00775	1.44351	3.20421	-.00755
1.449	-1.969	.27688	175.71590	-.09083	-.04166	.01719	.00789	1.44357	3.20442	-.00609
1.450	-1.466	.27554	174.36830	-.07144	-.03293	.01774	.00812	1.44743	3.21841	-.00324
1.450	-.954	.27164	171.79280	-.05028	-.02293	.01824	.00832	1.45034	3.22899	-.00010
1.449	-.423	.25549	164.89990	-.02726	-.01243	.01795	.00818	1.44954	3.22607	-.00011
1.450	-.081	-.16512	-.00343	-.01477	-.00647	.00151	.00069	1.44856	3.22253	-.00131
1.450	.477	-.23917	-8.83363	.00772	.00352	.00001	.00000	1.45022	3.22855	-.00061
1.451	.445	-.24513	-10.17999	.00675	.00307	-.00035	-.00016	1.45172	3.23403	.00105
1.450	.987	-.26674	-5.90245	.03002	.01368	-.00072	-.00033	1.45073	3.23042	.00060
GRADIENT		-.09302	-33.65768	.04130	.01908	-.00303	-.00141	.00252	.00914	.00290

RUN NO. 1640/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
1.471	-6.954	.21442	179.24500	-.30378	-.14374	.01643	.00777	1.44219	3.19941	-.03821
1.485	-6.486	.25780	178.81130	-.27982	-.13461	.01605	.00772	1.44433	3.20717	-.03525
1.484	-5.987	.25994	178.69200	-.25985	-.12457	.01703	.00816	1.44708	3.21716	-.03163
1.471	-5.489	.25980	178.57250	-.24308	-.11387	.01658	.00777	1.45121	3.23217	-.02787
1.485	-4.985	.25766	178.45300	-.21671	-.10338	.01683	.00803	1.45195	3.23487	-.02659
1.470	-4.486	.25673	178.25420	-.19977	-.09327	.01743	.00814	1.45280	3.23797	-.02461
1.484	-3.982	.25753	178.01590	-.17449	-.08291	.01770	.00841	1.45492	3.24569	-.02249
1.470	-3.489	.25737	177.73800	-.15626	-.07267	.01837	.00854	1.45715	3.25385	-.02024
1.471	-2.980	.25599	177.38080	-.13348	-.06199	.01763	.00819	1.45872	3.25962	-.01904
1.470	-2.476	.25499	176.86520	-.11227	-.05216	.01801	.00837	1.45781	3.25627	-.01942
1.470	-1.976	.25547	176.07230	-.09254	-.04294	.01879	.00872	1.45863	3.25930	-.01826
1.485	-1.469	.25427	174.84360	-.07124	-.03369	.01875	.00887	1.45956	3.26270	-.01757
1.484	-.958	.25144	172.46620	-.05100	-.02409	.01925	.00910	1.46022	3.26511	-.01663
1.470	-.438	.23788	166.24660	-.03020	-.01399	.01982	.00918	1.45967	3.26312	-.01677
1.470	-.080	-.15499	-.03617	-.01125	-.00521	.00143	.00066	1.46013	3.26478	-.01656
1.470	.487	-.22212	-7.96246	.01010	.00468	-.00077	-.00036	1.46026	3.26526	-.01643
1.470	.997	-.24321	-5.11055	.03108	.01439	-.00113	-.00052	1.46136	3.26932	-.01547
GRADIENT		-.07767	-30.43247	.04166	.01962	-.00278	-.00131	.00140	.00514	.00164

03

(TCM049) ( 04 OCT 91 )

IA310 (AEDC 16TF-783) PROBE CALIBRATION

PARAMETRIC DATA

BETA = .000 PHI = 180.000

RUN NO. 1591/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
1.492	-6.954	.20197	179.28430	-.32235	-.15353	.01923	.00916	1.46209	3.27197	-.04315
1.492	-6.486	.24535	178.85060	-.30232	-.14381	.01910	.00908	1.46285	3.27480	-.04181
1.492	-5.988	.24418	178.77080	-.28326	-.13437	.01963	.00931	1.46582	3.28572	-.03886
1.492	-5.484	.24472	178.65140	-.26219	-.12409	.01966	.00930	1.46746	3.29177	-.03640
1.492	-4.991	.24300	178.53190	-.24038	-.11356	.02027	.00958	1.46967	3.29992	-.03425
1.493	-4.487	.24522	178.33330	-.21837	-.10293	.02045	.00964	1.47207	3.30880	-.03176
1.493	-3.989	.23917	178.17400	-.19565	-.09201	.01992	.00937	1.47397	3.31581	-.02943
1.493	-3.484	.24210	177.85660	-.17276	-.08111	.02113	.00992	1.47548	3.32145	-.02772
1.493	-2.986	.24203	177.49950	-.14994	-.07038	.02089	.00980	1.47594	3.32313	-.02741
1.492	-2.477	.24231	176.98390	-.12792	-.06002	.01996	.00936	1.47592	3.32306	-.02713
1.492	-1.978	.24117	176.27020	-.10538	-.04943	.01998	.00937	1.47658	3.32552	-.02683
1.492	-1.472	.24008	175.08120	-.08262	-.03880	.01998	.00938	1.47515	3.32020	-.02800
1.493	-.964	.23538	172.86220	-.06012	-.02824	.02110	.00977	1.47485	3.31908	-.02780
1.492	-.443	.22488	166.72190	-.03640	-.01709	.02110	.00990	1.47530	3.32075	-.02780
1.492	-.090	-.14593	-.00344	-.01443	-.00677	.00143	.00067	1.47595	3.32318	-.02690
1.492	.492	-.20795	-7.24971	.01214	.00570	-.00060	-.00028	1.47486	3.31913	-.02834
1.492	.995	-.22773	-4.75424	.03527	.01659	-.00102	-.00048	1.47387	3.31546	-.02969
1.493	GRADIENT	-.07310	-30.36930	.04597	.02166	-.00335	-.00158	.00048	.00179	.00057

RUN NO. 1607/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
1.515	-7.006	.24531	178.93040	-.36820	-.17426	.02053	.00972	1.49491	3.39408	-.03352
1.514	-6.491	.24504	178.85060	-.34505	-.16282	.02049	.00967	1.49712	3.40240	-.03052
1.515	-5.987	.24382	178.77070	-.32165	-.15134	.02107	.00991	1.50056	3.41539	-.02730
1.515	-5.483	.24432	178.65140	-.29533	-.13853	.02200	.01032	1.50330	3.42576	-.02420
1.515	-4.990	.24218	178.53180	-.26868	-.12581	.02236	.01047	1.50450	3.43031	-.02261
1.514	-4.492	.24121	178.37270	-.24325	-.11387	.02232	.01045	1.50437	3.42981	-.02242
1.515	-3.983	.24189	178.13450	-.22049	-.10323	.02257	.01057	1.50501	3.43225	-.02267
1.515	-3.484	.24216	177.85660	-.19609	-.09143	.02163	.01008	1.50810	3.44399	-.01876
1.514	-2.986	.24188	177.49950	-.16711	-.07787	.02013	.00938	1.50792	3.44328	-.01823
1.515	-2.483	.24250	176.98390	-.14023	-.06524	.02025	.00942	1.51063	3.45362	-.01636
1.514	-1.978	.24241	176.23070	-.11233	-.05216	.01960	.00910	1.51164	3.45744	-.01458
1.514	-1.471	.23946	175.08120	-.08528	-.03963	.01936	.00900	1.51087	3.45454	-.01525
1.515	-.962	.23672	172.78300	-.06082	-.02828	.01989	.00925	1.51164	3.45744	-.01570
1.514	-.448	.22687	166.84070	-.03500	-.01627	.01912	.00889	1.51071	3.45391	-.01553
1.515	-.095	-.14713	-.00344	-.00409	-.00190	.00646	-.00301	1.51071	3.45392	-.01568
1.515	.493	-.20787	-7.13090	.02010	.00935	-.00870	-.00405	1.51065	3.45369	-.01552
1.515	1.001	-.22773	-4.63542	.04296	.01998	-.00884	-.00411	1.51092	3.45472	-.01545
1.515	GRADIENT	-.07291	-30.35380	.05299	.02479	-.00510	-.00239	.00120	.00456	.00134

(TCMO49) ( 04 OCT 91 )

IA310 (AEDC 16TF-783) PROBE CALIBRATION

PARAMETRIC DATA

BETA = .000 PHI = 180.000  
 RUN NO. 1622/ O RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
1.542	-6.954	.20107	179.28420	-.33778	-.15958	.02026	.00957	1.52866	3.52273	-.02333
1.542	-6.491	.24522	178.85060	-.30770	-.14522	.01661	.00784	1.53003	3.52802	-.02222
1.542	-5.987	.24354	178.77070	-.27708	-.13068	.01693	.00799	1.53035	3.52927	-.02168
1.542	-5.489	.24375	178.65130	-.24704	-.11643	.01645	.00775	1.53043	3.52956	-.02176
1.541	-4.990	.24475	178.49230	-.21942	-.10343	.01554	.00733	1.52982	3.52720	-.02201
1.541	-4.487	.24206	178.33310	-.19133	-.09016	.01501	.00708	1.53033	3.52917	-.02173
1.541	-3.983	.24351	178.09480	-.16269	-.07659	.01424	.00670	1.53136	3.53317	-.02069
1.542	-3.485	.24115	177.85650	-.13450	-.06324	.01349	.00634	1.53259	3.53793	-.01950
1.541	-2.982	.24054	177.49940	-.11023	-.05180	.01154	.00542	1.53215	3.53622	-.01906
1.541	-2.478	.24128	176.98390	-.09082	-.04273	.00980	.00461	1.53136	3.53318	-.02035
1.541	-1.978	.24147	176.23060	-.07288	-.03429	.01015	.00478	1.53148	3.53363	-.02036
1.541	-1.472	.23976	175.04160	-.05501	-.02588	.00960	.00452	1.53127	3.53281	-.02024
1.541	-.962	.23662	172.74330	-.03702	-.01741	.01057	.00497	1.53155	3.53391	-.02011
1.541	-.441	.22542	166.60310	-.01984	-.00933	.01190	.00560	1.53208	3.53595	-.01969
1.541	.142	.03240	115.04450	.00093	.00044	.00720	.00338	1.53275	3.53853	-.01903
1.541	.478	-.20191	-6.61615	.01280	.00602	-.00393	-.00185	1.53266	3.53819	-.01927
1.541	.996	-.22318	-4.39786	.02778	.01306	-.00372	-.00175	1.53241	3.53722	-.01996
1.542		-.06426	-25.08703	.04031	.01899	-.00266	-.00125	.00033	.00127	.00031

GRADIENT



(TCM050) ( 04 OCT 91 )

PARAMETRIC DATA

BETA = .500 PHI = 180.000

RUN NO. 1576/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
.599	-6.980	.78675	174.72250	-.28529	-.05986	.03453	.00693	.57408	1.25317	-.01732
.600	-6.468	.78469	174.32340	-.27600	-.0531	.03549	.00711	.58073	1.25666	-.01485
.600	-5.967	.78123	173.88470	-.25443	-.05087	.03575	.00715	.58378	1.25958	-.01247
.600	-5.464	.78109	173.32730	-.23321	-.04654	.03607	.00720	.58617	1.26189	-.01060
.600	-4.966	.78271	172.65110	-.21283	-.04242	.03619	.00721	.58926	1.26490	-.00851
.600	-4.462	.78081	171.85600	-.19184	-.03820	.03582	.00713	.59102	1.26662	-.00723
.600	-3.951	.78137	170.82330	-.17069	-.03396	.03620	.00720	.59262	1.26819	-.00605
.600	-3.448	.77779	169.59240	-.15042	-.02987	.03579	.00711	.59457	1.27011	-.00448
.601	-2.937	.77626	167.88630	-.12803	-.02543	.03531	.00701	.59612	1.27165	-.00360
.600	-2.431	.77322	165.58610	-.10700	-.02119	.03625	.00718	.59656	1.27207	-.00259
.600	-1.912	.76448	162.25610	-.08523	-.01685	.03630	.00718	.59788	1.27339	-.00143
.601	-1.392	.75512	156.90660	-.06334	-.01255	.03546	.00703	.59883	1.27434	-.00135
.601	-.855	.72571	147.51810	-.04055	-.00804	.03447	.00683	.59883	1.27433	-.00151
.600	-.299	.64718	127.99350	-.01924	-.00380	.03090	.00611	.59940	1.27490	-.00058
.600	.254	.46175	80.82901	.00129	.00026	.02345	.00463	.59935	1.27486	-.00045
.600	.670	.29209	37.77702	.01675	.00331	.01740	.00344	.59940	1.27491	-.00074
.600	1.102	.25463	22.05223	.03442	.00680	.01655	.00327	.59911	1.27462	-.00066
.600	GRADIENT	-.07884	-22.45996	.04091	.00814	-.00296	-.00060	.00161	.00159	.00127

RUN NO. 1466/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
.800	-6.986	.70777	175.03710	-.28539	-.08583	.03208	.00965	.77648	1.48956	-.02331
.800	-6.478	.70417	174.67770	-.26494	-.07948	.03247	.00974	.78000	1.49466	-.02021
.800	-5.974	.70333	174.23930	-.24497	-.07326	.03282	.00982	.78249	1.49829	-.01742
.800	-5.470	.70244	173.72160	-.22476	-.06704	.03277	.00970	.78570	1.50300	-.01449
.800	-4.971	.70335	173.08520	-.20500	-.06098	.03300	.00982	.78768	1.50591	-.01223
.800	-4.471	.70308	172.33000	-.18487	-.05491	.03288	.00977	.78996	1.50929	-.01026
.800	-3.969	.70076	171.41620	-.16498	-.04992	.03266	.00968	.79201	1.51234	-.00831
.800	-3.461	.69839	170.22510	-.14450	-.04275	.03210	.00950	.79339	1.51440	-.00662
.800	-2.954	.69718	168.63800	-.12411	-.03667	.03187	.00942	.79479	1.51650	-.00526
.800	-2.449	.69534	166.45680	-.10338	-.03052	.03188	.00941	.79605	1.51838	-.00413
.800	-1.938	.69074	163.28550	-.08338	-.02459	.03186	.00940	.79683	1.51956	-.00326
.800	-1.424	.68225	158.29260	-.06251	-.01841	.03142	.00926	.79751	1.52059	-.00242
.800	-.900	.66218	149.41910	-.04131	-.01216	.03148	.00927	.79810	1.52147	-.00178
.800	-.362	.60377	130.92410	-.02115	-.00622	.02982	.00878	.79865	1.52230	-.00140
.800	.178	.49171	85.34410	-.00089	-.00026	.02525	.00743	.79866	1.52231	-.00123
.800	.628	.35631	40.82677	.01555	.00457	.02034	.00598	.79895	1.52276	-.00106
.800	1.084	.32969	23.95302	.03319	.00976	.01937	.00570	.79894	1.52274	-.00095
.800	GRADIENT	-.05569	-22.16668	.03947	.01171	-.00196	-.00059	.00176	.00263	.00179

IA310 (AEDC 16TF-783) PROBE CALIBRATION (TCM050) ( 04 OCT 91 )

## PARAMETRIC DATA

BETA = .500 PHI = 180.000

RUN NO. 1500/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
.900	-6.987	.71954	174.99780	-.27409	-.09409	.03089	.01060	.87732	1.65058	-.02433
.900	-6.472	.71473	174.63830	-.25464	-.08718	.03071	.01052	.88062	1.65642	-.02116
.900	-5.967	.71324	174.19980	-.23547	-.08036	.03029	.01034	.88331	1.66118	-.01810
.900	-5.466	.71595	173.64270	-.21571	-.07345	.03146	.01071	.88616	1.66625	-.01533
.900	-4.970	.71349	173.04570	-.19695	-.06689	.03100	.01053	.88838	1.67023	-.01282
.900	-4.463	.71515	172.25090	-.17814	-.06036	.03133	.01061	.89044	1.67392	-.01056
.900	-3.959	.71412	171.29750	-.15856	-.05363	.03130	.01059	.89206	1.67685	-.00873
.900	-3.459	.71222	170.10640	-.13871	-.04684	.03103	.01048	.89370	1.67982	-.00701
.900	-2.950	.71161	168.47970	-.11922	-.04017	.03088	.01041	.89453	1.68133	-.00550
.900	-2.443	.70778	166.29850	-.09941	-.03347	.03075	.01035	.89569	1.68344	-.00446
.900	-1.934	.70410	163.08760	-.07997	-.02689	.03081	.01036	.89666	1.68519	-.00339
.900	-1.413	.69197	158.05490	-.06017	-.02022	.03033	.01019	.89767	1.68704	-.00249
.900	-.887	.66967	149.06260	-.03977	-.01336	.03029	.01017	.89836	1.68831	-.00177
.900	-.348	.60972	130.29050	-.02064	-.00693	.02853	.00957	.89849	1.68853	-.00138
.900	.191	.48517	84.63120	-.00112	-.00038	.02392	.00802	.89882	1.68915	-.00077
.900	.635	.34130	40.11385	.01481	.00497	.01910	.00641	.89878	1.68907	-.00113
.900	1.081	.31872	23.87386	.03117	.01046	.01869	.00627	.89874	1.68899	-.00109
.900	GRADIENT	-.05972	-22.22026	.03785	.01282	-.00186	-.00065	.00167	.00303	.00189

RUN NO. 1485/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
1.100	-7.003	.57532	175.70740	-.24947	-.10161	.02215	.00902	1.07903	2.07952	-.02565
1.100	-6.483	.57289	175.38790	-.23184	-.09414	.02291	.00930	1.08184	2.08657	-.02237
1.100	-5.988	.57379	174.98930	-.21468	-.08586	.02239	.00906	1.08436	2.09291	-.01889
1.100	-5.481	.57511	174.51160	-.19712	-.07953	.02302	.00929	1.08660	2.09860	-.01605
1.100	-4.986	.57511	173.95460	-.18005	-.07247	.02313	.00931	1.08906	2.10483	-.01344
1.100	-4.483	.56481	173.27790	-.16275	-.06537	.02328	.00935	1.09090	2.10952	-.01132
1.100	-3.989	.56883	172.32490	-.14498	-.05811	.02345	.00940	1.09232	2.11314	-.00926
1.100	-3.481	.57390	171.17400	-.12713	-.05085	.02370	.00948	1.09379	2.11690	-.00733
1.100	-2.976	.57351	169.74570	-.10896	-.04351	.02387	.00953	1.09503	2.12007	-.00572
1.100	-2.479	.57391	167.84220	-.09163	-.03656	.02370	.00946	1.09635	2.12347	-.00458
1.100	-1.976	.57141	165.10690	-.07444	-.02966	.02365	.00942	1.09710	2.12538	-.00337
1.100	-1.464	.56566	160.66860	-.05722	-.02278	.02331	.00928	1.09761	2.12669	-.00263
1.100	-.968	.55663	152.90410	-.03987	-.01587	.02356	.00937	1.09822	2.12826	-.00201
1.100	-.460	.52959	136.23070	-.02341	-.00931	.02331	.00927	1.09858	2.12920	-.00163
1.100	.051	.50936	92.94836	-.00659	-.00262	.02301	.00915	1.09889	2.12999	-.00127
1.100	.536	.44782	45.54016	.00970	.00386	.02190	.00870	1.09890	2.13001	-.00092
1.100	1.029	.45368	27.27953	.02536	.01008	.02167	.00861	1.09896	2.13015	-.00101
1.100	GRADIENT	-.01886	-21.65380	.03425	.01375	-.00021	-.00010	.00162	.00414	.00202

(TCM050) ( 04 OCT 91 )

IA310 (AEDC 16TF-783) PROBE CALIBRATION

PARAMETRIC DATA

BETA = .500 PHI = 180.000

RUN NO. 1523/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
1.250	-6.991	.67133	175.23430	-.25648	-.11259	.02659	.01167	1.22829	2.49101	-.02621
1.250	-6.474	.66885	174.87500	-.23822	-.10425	.02753	.01205	1.23114	2.49957	-.02297
1.250	-5.978	.67058	174.43680	-.22044	-.09608	.02785	.01214	1.23401	2.50819	-.01897
1.250	-5.471	.66524	173.95850	-.20156	-.08764	.02784	.01211	1.23582	2.51667	-.01630
1.250	-4.973	.66593	173.32200	-.18320	-.07951	.02737	.01188	1.23785	2.51978	-.01459
1.250	-4.471	.66925	172.52730	-.16580	-.07177	.02793	.01209	1.23966	2.52526	-.01204
1.250	-3.966	.66747	171.61360	-.14736	-.06367	.02835	.01225	1.24189	2.53202	-.00994
1.250	-3.462	.66360	170.46210	-.12896	-.05561	.02814	.01213	1.24346	2.53681	-.00802
1.250	-2.958	.66500	168.87520	-.11047	-.04755	.02768	.01192	1.24480	2.54090	-.00629
1.250	-2.451	.66287	166.73370	-.09251	-.03977	.02775	.01193	1.24591	2.54428	-.00491
1.250	-1.948	.66054	163.64180	-.07512	-.03225	.02736	.01174	1.24662	2.54642	-.00371
1.250	-1.431	.64925	158.80730	-.05720	-.02454	.02740	.01176	1.24758	2.54936	-.00293
1.250	-.916	.63361	150.17150	-.03888	-.01667	.02732	.01171	1.24843	2.55195	-.00197
1.250	-.390	.58602	131.95380	-.02070	-.00887	.02623	.01124	1.24866	2.55265	-.00165
1.250	.145	.49244	86.57196	-.00222	-.00095	.02336	.01001	1.24843	2.55196	-.00153
1.250	.609	.38523	41.89609	.01370	.00587	.02007	.00859	1.24927	2.55452	-.00109
1.250	1.071	.35940	24.58661	.02976	.01274	.01964	.00841	1.24896	2.55358	-.00104
GRADIENT		-.04613	-22.11739	.03526	.01525	-.00122	-.00055	.00179	.00545	.00216

RUN NO. 1539/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
1.400	-6.992	.65288	175.31280	-.28438	-.13144	.03506	.01620	1.37684	2.96893	-.02720
1.400	-6.480	.65672	174.91430	-.26380	-.12157	.03607	.01662	1.37961	2.97846	-.02414
1.400	-5.979	.65418	174.51550	-.24410	-.11208	.03547	.01629	1.38246	2.98828	-.02046
1.400	-5.471	.65453	173.99800	-.22424	-.10271	.03527	.01616	1.38478	2.99629	-.01788
1.400	-4.975	.64905	173.44050	-.20537	-.09379	.03515	.01605	1.38655	3.00243	-.01508
1.400	-4.472	.65393	172.64590	-.18569	-.08456	.03565	.01624	1.38961	3.01304	-.01208
1.400	-3.973	.65373	171.73230	-.16546	-.07518	.03578	.01626	1.39091	3.01756	-.00994
1.400	-3.464	.65066	170.58090	-.14449	-.06552	.03572	.01620	1.39284	3.02425	-.00788
1.400	-2.966	.65216	169.03360	-.12343	-.05593	.03535	.01602	1.39441	3.02970	-.00701
1.400	-2.460	.64863	166.97130	-.10328	-.04673	.03439	.01556	1.39447	3.02991	-.00580
1.399	-1.949	.64446	163.91900	-.08422	-.03806	.03434	.01552	1.39547	3.03342	-.00458
1.400	-1.439	.63629	159.12410	-.06503	-.02935	.03467	.01565	1.39701	3.03877	-.00314
1.400	-.921	.62137	150.48830	-.04473	-.02016	.03432	.01547	1.39789	3.04186	-.00188
1.399	-.399	.57516	132.50820	-.02451	-.01105	.03298	.01487	1.39771	3.04122	-.00198
1.400	.130	.49570	87.76009	-.00427	-.00192	.03056	.01377	1.39883	3.04516	-.00133
1.400	.600	.39312	42.41104	.01356	.00611	.02693	.01213	1.39931	3.04683	-.00085
1.400	1.059	.37908	25.45787	.03115	.01403	.02626	.01183	1.39916	3.04629	-.00114
GRADIENT		-.04175	-22.01445	.03918	.01783	-.00138	-.00066	.00195	.00679	.00222

( TCM050 ) ( 04 OCT 91 )

PARAMETRIC DATA

BETA = .500 PHI = 180.000

RUN NO. 1557/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
1.450	-6.981	.77096	174.80140	-.29873	-.14013	.03724	.01747	1.42512	3.13806	-.02871
1.450	-6.463	.76994	174.40240	-.27796	-.12996	.03746	.01751	1.42766	3.14712	-.02545
1.450	-5.961	.76636	173.96360	-.25684	-.11980	.03625	.01691	1.42954	3.15387	-.02302
1.450	-5.458	.76630	173.40620	-.23538	-.10946	.03705	.01723	1.43292	3.16600	-.01985
1.450	-4.955	.76290	172.76940	-.21644	-.10038	.03701	.01716	1.43494	3.17324	-.01710
1.450	-4.450	.76432	171.93480	-.19624	-.09074	.03839	.01775	1.43756	3.18268	-.01406
1.450	-3.950	.76397	170.94180	-.17502	-.08072	.03806	.01755	1.44000	3.19149	-.01152
1.450	-3.448	.76223	169.67130	-.15348	-.07063	.03800	.01749	1.44171	3.19767	-.00924
1.450	-2.937	.75933	168.00490	-.13074	-.06009	.03737	.01718	1.44253	3.20066	-.00812
1.450	-2.426	.75606	165.70470	-.10944	-.05029	.03685	.01693	1.44293	3.20211	-.00779
1.450	-1.907	.75008	162.33520	-.08890	-.04079	.03676	.01687	1.44427	3.20693	-.00630
1.450	-1.390	.73902	157.06490	-.06897	-.03157	.03738	.01711	1.44647	3.21492	-.00397
1.450	-.856	.71014	147.75570	-.04703	-.02146	.03662	.01671	1.44961	3.22634	-.00065
1.450	-.307	.63592	128.31040	-.02402	-.01095	.03422	.01560	1.45004	3.22791	.00044
1.449	.240	.46258	81.30431	-.00189	-.00086	.02760	.01257	1.45005	3.22794	.00070
1.450	.659	.30250	38.21269	.01588	.00723	.02239	.01020	1.45085	3.23087	.00108
1.449	1.098	.26957	22.40862	.03425	.01561	.02141	.00976	1.44984	3.22717	.00047
GRADIENT		-.07446	-22.46603	.04132	.01909	-.00243	-.00116	.00257	.00930	.00299

RUN NO. 1642/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
1.470	-6.982	.74726	174.91960	-.30567	-.14474	.03753	.01777	1.44062	3.19374	-.03906
1.471	-6.469	.74672	174.52060	-.28445	-.13424	.03879	.01831	1.44452	3.20787	-.03535
1.471	-5.968	.74465	174.08200	-.26429	-.12429	.03767	.01771	1.44756	3.21890	-.03174
1.470	-5.465	.74498	173.52460	-.24237	-.11355	.03807	.01784	1.45031	3.22889	-.02793
1.470	-4.967	.74381	172.88800	-.22029	-.10304	.03743	.01751	1.45213	3.23551	-.02620
1.471	-4.458	.74348	172.09300	-.19901	-.09292	.03768	.01759	1.45394	3.24211	-.02430
1.470	-3.957	.74452	171.10000	-.17745	-.08268	.03803	.01772	1.45496	3.24587	-.02244
1.470	-3.451	.74135	169.86920	-.15530	-.07222	.03808	.01771	1.45622	3.25047	-.02052
1.470	-2.941	.73795	168.24230	-.13275	-.06164	.03775	.01752	1.45820	3.25773	-.01879
1.470	-2.436	.73646	165.98190	-.11077	-.05145	.03779	.01755	1.45799	3.25695	-.01905
1.470	-1.920	.73007	162.69160	-.09081	-.04215	.03833	.01779	1.45904	3.26079	-.01825
1.470	-1.399	.71978	157.50050	-.07029	-.03259	.03841	.01781	1.45933	3.26186	-.01733
1.470	-.872	.69716	148.31020	-.04814	-.02230	.03827	.01773	1.45982	3.26364	-.01669
1.470	-.328	.62862	129.14210	-.02507	-.01162	.03633	.01683	1.46053	3.26625	-.01640
1.470	.219	.47547	82.69051	-.00130	-.00060	.03029	.01403	1.46054	3.26628	-.01609
1.470	.650	.33043	39.63847	.01683	.00780	.02339	.01083	1.46073	3.26699	-.01596
1.470	1.096	.28896	22.84418	.03501	.01621	.02149	.00996	1.46065	3.26668	-.01608
GRADIENT		-.06749	-22.33308	.04203	.01961	-.00215	-.00102	.00134	.00491	.00157

(TCMO50) ( 04 OCT 91 )

## PARAMETRIC DATA

BETA = .500 PHI = 180.000

RUN NO. 1592/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
1.492	-6.987	.73494	174.95890	-.32339	-.15410	.04074	.01941	1.46210	3.27201	-.04319
1.493	-6.470	.73059	174.59930	-.30078	-.14307	.04034	.01919	1.46385	3.27845	-.04113
1.493	-5.968	.73372	174.12150	-.28143	-.13343	.04112	.01950	1.46674	3.28910	-.03773
1.492	-5.466	.73193	173.60370	-.26030	-.12311	.04246	.02008	1.46875	3.29652	-.03534
1.492	-4.964	.73165	172.96710	-.23875	-.11265	.04245	.02003	1.47096	3.30468	-.03287
1.493	-4.460	.72709	172.21150	-.21673	-.10203	.04225	.01989	1.47302	3.31229	-.03065
1.492	-3.960	.72940	171.21860	-.19386	-.09109	.04260	.02002	1.47437	3.31731	-.02873
1.493	-3.453	.72759	169.98790	-.17084	-.08013	.04303	.02018	1.47642	3.32491	-.02678
1.492	-2.949	.72520	168.36100	-.14801	-.06939	.04317	.02024	1.47635	3.32466	-.02637
1.492	-2.440	.72386	166.10060	-.12517	-.05866	.04247	.01990	1.47693	3.32681	-.02602
1.493	-1.925	.71637	162.88960	-.10227	-.04793	.04262	.01997	1.47725	3.32799	-.02596
1.492	-1.405	.70704	157.73810	-.07941	-.03725	.04202	.01971	1.47581	3.32267	-.02700
1.492	-.882	.68467	148.70620	-.05547	-.02604	.04188	.01966	1.47537	3.32100	-.02756
1.493	-.341	.62135	129.73610	-.03013	-.01414	.04045	.01899	1.47580	3.32262	-.02724
1.493	.206	.48077	83.52225	-.00218	-.00102	.03472	.01629	1.47595	3.32316	-.02699
1.492	.634	.34781	40.90587	.01888	.00887	.02775	.01303	1.47516	3.32023	-.02779
1.493	1.089	.29991	23.08179	.03947	.01854	.02489	.01169	1.47561	3.32192	-.02807
GRADIENT		-.06327	-22.26362	.04590	.02160	-.00236	-.00111	.00043	.00159	.00049

RUN NO. 1608/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
1.515	-6.987	.73003	174.99820	-.36637	-.17346	.04606	.02181	1.49525	3.39535	-.03333
1.515	-6.470	.73459	174.55990	-.34342	-.16209	.04541	.02143	1.49754	3.40400	-.03014
1.515	-5.968	.73294	174.12140	-.31982	-.15047	.04660	.02193	1.50075	3.41612	-.02699
1.516	-5.466	.72974	173.60350	-.29317	-.13752	.04760	.02233	1.50403	3.42855	-.02380
1.515	-4.968	.72962	172.96690	-.26739	-.12523	.04703	.02202	1.50471	3.43111	-.02235
1.515	-4.465	.73073	172.17210	-.24350	-.11406	.04736	.02218	1.50410	3.42878	-.02265
1.515	-3.955	.72836	171.21850	-.22109	-.10345	.04818	.02254	1.50577	3.43512	-.02135
1.516	-3.454	.72697	169.98780	-.19487	-.09111	.04757	.02224	1.50709	3.44014	-.02023
1.514	-2.949	.72558	168.36110	-.16531	-.07759	.04557	.02126	1.50743	3.44145	-.01820
1.516	-2.440	.72410	166.10060	-.13862	-.06457	.04513	.02102	1.51032	3.45243	-.01658
1.515	-1.930	.71827	162.88960	-.11129	-.05179	.04488	.02089	1.51081	3.45430	-.01571
1.516	-1.407	.70561	157.77770	-.08371	-.03895	.04422	.02058	1.51107	3.45530	-.01549
1.516	-.878	.68165	148.66650	-.05509	-.02566	.04352	.02027	1.51064	3.45364	-.01633
1.516	-.340	.62135	129.65690	-.02580	-.01201	.04128	.01922	1.51061	3.45353	-.01589
1.515	.205	.47969	83.52225	.00642	.00299	.03388	.01576	1.51067	3.45375	-.01517
1.516	.644	.34023	39.95534	.02980	.01387	.02281	.01061	1.51187	3.45832	-.01530
1.516	1.094	.30081	23.08177	.04972	.02315	.01911	.00890	1.51102	3.45512	-.01587
GRADIENT		-.06370	-22.29577	.05334	.02496	-.00397	-.00187	.00122	.00465	.00127

(TCM050) ( 04 OCT 91 )

PARAMETRIC DATA

BETA = .500 PHI = 180.000

RUN NO. 1623/ O RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
1.542	-6.986	.73471	174.95890	-.34083	-.16090	.04298	.02029	1.52913	3.52453	-.02342
1.541	-6.469	.73033	174.59930	-.30642	-.14445	.04136	.01950	1.53011	3.52832	-.02209
1.542	-5.968	.73253	174.12130	-.27579	-.12995	.04137	.01949	1.53090	3.53140	-.02152
1.541	-5.466	.72983	173.60350	-.24637	-.11608	.04010	.01889	1.53042	3.52953	-.02154
1.541	-4.968	.72879	172.96690	-.21758	-.10256	.03830	.01805	1.53002	3.52797	-.02195
1.542	-4.465	.72993	172.17200	-.18959	-.08934	.03760	.01772	1.53098	3.53170	-.02154
1.542	-3.954	.73015	171.17900	-.16216	-.07634	.03616	.01702	1.53162	3.53416	-.02063
1.541	-3.453	.72903	169.94830	-.13521	-.06360	.03371	.01586	1.53214	3.53617	-.01969
1.541	-2.950	.72471	168.36100	-.10994	-.05167	.03020	.01420	1.53250	3.53758	-.01899
1.541	-2.440	.72329	166.10060	-.08908	-.04193	.02766	.01302	1.53146	3.53354	-.02040
1.542	-1.925	.71585	162.88960	-.07157	-.03369	.02707	.01274	1.53176	3.53469	-.02024
1.542	-1.412	.70790	157.73820	-.05256	-.02474	.02643	.01244	1.53168	3.53442	-.02045
1.541	-.882	.68465	148.62700	-.03409	-.01605	.02587	.01218	1.53112	3.53225	-.02044
1.542	-.339	.62189	129.61730	-.01523	-.00716	.02428	.01143	1.53177	3.53474	-.02008
1.542	.206	.48072	83.60144	.00374	.00176	.02015	.00948	1.53223	3.53653	-.01961
1.541	.642	.33533	39.79695	.01787	.00841	.01462	.00688	1.53167	3.53435	-.01986
1.541	1.094	.29784	22.92340	.03141	.01478	.01326	.00624	1.53189	3.53522	-.02004
GRADIENT		-.06404	-22.31870	.04022	.01894	-.00394	-.00186	.00014	.00056	.00021

(TCM051) ( 04 OCT 91 )

PARAMETRIC DATA

BETA = 1.000 PHI = 180.000

RUN NO. 1577/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
.600	-6.960	1.28073	170.75150	-.29630	-.05953	.05787	.01163	.57758	1.25365	-.01729
.600	-6.452	1.28103	170.03340	-.27527	-.05515	.05697	.01141	.58065	1.25658	-.01483
.600	-5.945	1.27739	169.23600	-.25371	-.05080	.05747	.01151	.58404	1.25984	-.01266
.600	-5.440	1.27621	168.28030	-.23243	-.04640	.05725	.01143	.58606	1.26179	-.01074
.600	-4.938	1.27684	167.12670	-.21168	-.04221	.05721	.01141	.58858	1.26423	-.00899
.600	-4.428	1.27557	165.73530	-.19105	-.03805	.05700	.01135	.59074	1.26634	-.00739
.600	-3.920	1.27304	164.02710	-.16973	-.03378	.05715	.01138	.59241	1.26799	-.00630
.601	-3.411	1.26963	161.88320	-.14837	-.02952	.05677	.01129	.59417	1.26971	-.00515
.600	-2.900	1.26228	159.14520	-.12688	-.02515	.05616	.01113	.59500	1.27054	-.00377
.601	-2.382	1.25375	155.41730	-.10485	-.02081	.05557	.01103	.59689	1.27241	-.00290
.600	-1.863	1.24020	150.22430	-.08292	-.01642	.05527	.01095	.59731	1.27282	-.00218
.601	-1.330	1.21341	142.57620	-.06092	-.01209	.05417	.01075	.59868	1.27419	-.00178
.600	-.798	1.17110	130.81060	-.03911	-.00774	.05260	.01041	.59901	1.27452	-.00110
.601	-.265	1.09148	112.31380	-.01733	-.00344	.04889	.00969	.59955	1.27506	-.00107
.601	.227	.97595	87.04517	.00100	.00020	.04457	.00884	.59978	1.27528	-.00097
.601	.704	.88059	60.54665	.01919	.00380	.04193	.00830	.59954	1.27505	-.00079
.601	1.185	.79664	41.13643	.03863	.00764	.03917	.00775	.59939	1.27490	-.00057
.600	GRADIENT	-.07238	-19.24837	.04109	.00818	-.00283	-.00057	.00176	.00174	.00132

RUN NO. 1467/ O RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
.799	-6.976	1.20259	171.06630	-.28533	-.08574	.05227	.01571	.77580	1.48856	-.02339
.800	-6.457	1.20385	170.34830	-.26458	-.07930	.05262	.01577	.77941	1.49381	-.02022
.800	-5.959	1.20004	169.59070	-.24423	-.07303	.05383	.01610	.78256	1.49840	-.01737
.800	-5.453	1.19777	168.67480	-.22402	-.06679	.05299	.01580	.78518	1.50224	-.01463
.800	-4.956	1.19943	167.56100	-.20417	-.06076	.05375	.01600	.78756	1.50574	-.01247
.800	-4.451	1.19953	166.20950	-.18397	-.05464	.05267	.01564	.78987	1.50916	-.01025
.800	-3.942	1.19580	164.58060	-.16402	-.04862	.05246	.01555	.79142	1.51146	-.00852
.800	-3.439	1.19379	162.51620	-.14358	-.04249	.05206	.01541	.79308	1.51394	-.00688
.800	-2.925	1.18601	159.85760	-.12289	-.03630	.05188	.01532	.79456	1.51615	-.00526
.800	-2.415	1.18082	156.24870	-.10222	-.03018	.05103	.01506	.79600	1.51831	-.00417
.800	-1.900	1.17017	151.21430	-.08182	-.02413	.05083	.01499	.79670	1.51936	-.00338
.800	-1.383	1.15418	143.80420	-.06105	-.01798	.05054	.01489	.79752	1.52060	-.00244
.800	-.857	1.12073	132.31590	-.04073	-.01200	.04935	.01454	.79840	1.52192	-.00190
.800	-.339	1.06636	114.25510	-.02026	-.00597	.04702	.01385	.79890	1.52268	-.00157
.800	.151	.99029	89.22423	-.00177	-.00052	.04497	.01324	.79906	1.52291	-.00135
.799	.636	.92006	62.60687	.01639	.00482	.04349	.01278	.79824	1.52169	-.00102
.800	1.136	.86405	42.91890	.03537	.01040	.04103	.01206	.79870	1.52238	-.00095
.800	GRADIENT	-.05129	-19.13375	.03947	.01171	-.00186	-.00058	.00179	.00268	.00181

(TCM051) ( 04 OCT 91 )

PARAMETRIC DATA

BETA = 1.000 PHI = 180.000

RUN NO. 1501/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
.900	-6.972	1.21375	171.02690	-.27356	-.09395	.05049	.01734	.87710	1.65021	-.02469
.900	-6.451	1.21397	170.30890	-.25422	-.08701	.05092	.01743	.88072	1.65659	-.02092
.900	-5.951	1.20968	169.55120	-.23462	-.08015	.05065	.01724	.88346	1.66144	-.01847
.900	-5.448	1.21119	168.59580	-.21502	-.07324	.05065	.01725	.88599	1.66595	-.01564
.900	-4.948	1.21147	167.48190	-.19585	-.06654	.05080	.01726	.88773	1.66906	-.01343
.900	-4.442	1.21029	166.13030	-.17703	-.05999	.05061	.01715	.89003	1.67319	-.01082
.900	-3.937	1.20664	164.50140	-.15750	-.05322	.05075	.01715	.89241	1.67750	-.00810
.900	-3.426	1.20390	162.39730	-.13784	-.04654	.04992	.01685	.89387	1.68012	-.00684
.900	-2.918	1.19970	159.69920	-.11805	-.03981	.04942	.01667	.89470	1.68163	-.00583
.900	-2.406	1.19405	156.05070	-.09833	-.03312	.04908	.01653	.89609	1.68417	-.00449
.900	-1.893	1.18446	150.97680	-.07841	-.02639	.04899	.01649	.89627	1.68450	-.00403
.900	-1.371	1.16243	143.56650	-.05867	-.01972	.04842	.01628	.89791	1.68748	-.00246
.900	-.845	1.12919	131.99910	-.03939	-.01323	.04709	.01581	.89820	1.68802	-.00179
.900	-.325	1.06967	113.85890	-.01979	-.00664	.04495	.01508	.89849	1.68855	-.00124
.900	.165	.98660	88.78844	-.00216	-.00073	.04297	.01442	.89854	1.68863	-.00129
.900	.650	.91530	62.21065	.01552	.01384	.04124	.01384	.89911	1.68867	-.00096
.900	1.140	.85734	42.87923	.03366	.01129	.03916	.01314	.89910	1.68965	-.00079
GRADIENT		-.05429	-19.15998	.03782	.01280	-.00181	-.00064	.00173	.00314	.00193

RUN NO. 1486/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
1.100	-6.998	1.07555	171.69740	-.24902	-.10142	.04064	.01655	1.07868	2.07864	-.02573
1.100	-6.483	1.07390	171.05870	-.23140	-.09392	.04138	.01680	1.08158	2.08592	-.02222
1.100	-5.978	1.07453	170.30150	-.21412	-.08662	.04114	.01664	1.08414	2.09236	-.01892
1.100	-5.476	1.06908	169.46470	-.19651	-.07929	.04136	.01669	1.08669	2.09881	-.01612
1.100	-4.980	1.05951	168.38970	-.17936	-.07219	.04128	.01661	1.08846	2.10331	-.01367
1.100	-4.480	1.06944	166.99930	-.16208	-.06510	.04127	.01658	1.09072	2.10906	-.01136
1.100	-3.977	1.07139	165.41050	-.14448	-.05789	.04122	.01652	1.09222	2.11288	-.00913
1.100	-3.470	1.07115	163.42560	-.12674	-.05070	.04112	.01645	1.09380	2.11691	-.00746
1.100	-2.971	1.06872	160.88640	-.10884	-.04348	.04073	.01627	1.09530	2.12075	-.00586
1.100	-2.467	1.06613	157.51550	-.09109	-.03635	.04060	.01620	1.09600	2.12255	-.00479
1.100	-1.967	1.06506	152.75890	-.07404	-.02951	.04022	.01603	1.09688	2.12480	-.00371
1.100	-1.466	1.05713	145.82440	-.05702	-.02270	.04036	.01607	1.09763	2.12674	-.00275
1.100	-.954	1.04297	134.73240	-.04003	-.01593	.04048	.01611	1.09809	2.12793	-.00209
1.100	-.467	1.00703	117.58260	-.02383	-.00948	.03888	.01546	1.09857	2.12917	-.00156
1.100	.024	.99790	92.19585	-.00731	-.00291	.03946	.01569	1.09844	2.12884	-.00135
1.100	.526	.98089	65.30116	.00911	.00362	.03978	.01581	1.09901	2.13031	-.00114
1.100	1.034	.97614	46.16710	.02605	.01035	.03982	.01583	1.09905	2.13041	-.00098
GRADIENT		-.01632	-19.02541	.03420	.01373	-.00034	-.00017	.00166	.00426	.00204



(TCM051) ( 04 OCT 91 )

## PARAMETRIC DATA

BETA = 1.000 PHI = 180.000  
 RUN NO. 1524/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
1.250	-6.979	1.15982	171.22400	-.25592	-.11237	.04596	.02018	1.22791	2.48986	-.02655
1.250	-6.462	1.16770	170.54550	-.23739	-.10387	.04667	.02042	1.23130	2.50005	-.02282
1.250	-5.961	1.16349	169.78790	-.21970	-.09579	.04572	.01993	1.23425	2.50892	-.01916
1.250	-5.457	1.16542	168.83250	-.20110	-.08743	.04586	.01994	1.23666	2.51619	-.01626
1.250	-4.952	1.16251	167.75810	-.18253	-.07919	.04582	.01988	1.23780	2.51965	-.01436
1.250	-4.456	1.16295	166.44640	-.16469	-.07135	.04638	.02009	1.23922	2.52392	-.01279
1.250	-3.950	1.16291	164.77810	-.14654	-.06333	.04645	.02007	1.24135	2.53040	-.01023
1.250	-3.440	1.15970	162.71360	-.12823	-.05529	.04574	.01972	1.24344	2.53675	-.00787
1.250	-2.933	1.15678	160.05530	-.10975	-.04726	.04514	.01944	1.24425	2.53921	-.00661
1.250	-2.428	1.15120	156.52580	-.09172	-.03945	.04462	.01919	1.24527	2.54232	-.00543
1.250	-1.912	1.14121	151.53110	-.07402	-.03179	.04440	.01907	1.24666	2.54654	-.00394
1.250	-1.403	1.12703	144.23990	-.05622	-.02412	.04446	.01907	1.24756	2.54929	-.00280
1.250	-.885	1.10003	132.87060	-.03817	-.01637	.04373	.01875	1.24814	2.55106	-.00235
1.250	-.369	1.05676	114.84940	-.02031	-.00870	.04246	.01819	1.24837	2.55176	-.00168
1.250	.116	.98915	89.93744	-.00333	-.00142	.04088	.01751	1.24867	2.55270	-.00140
1.250	.605	.93581	63.24080	.01348	.00577	.03995	.01711	1.24864	2.55260	-.00124
1.250	1.105	.89185	43.75076	.03092	.01324	.03872	.01658	1.24886	2.55326	-.00121
GRADIENT		-.04220	-19.14818	.03520	.01523	-.00119	-.00055	.00182	.00553	.00219

BETA = 1.000 PHI = 180.000  
 RUN NO. 1540/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
1.400	-6.981	1.15129	171.30250	-.28359	-.13113	.05734	.02651	1.37588	2.96564	-.02776
1.400	-6.465	1.15027	170.62420	-.26363	-.12148	.05614	.02587	1.37930	2.97740	-.02414
1.400	-5.962	1.15282	169.82740	-.24346	-.11189	.05573	.02561	1.38178	2.98594	-.02136
1.400	-5.459	1.15124	168.91150	-.22361	-.10241	.05583	.02557	1.38414	2.99410	-.01797
1.400	-4.960	1.15074	167.83730	-.20429	-.09334	.05593	.02555	1.38675	3.00312	-.01541
1.400	-4.458	1.15033	166.52550	-.18479	-.08419	.05605	.02553	1.38922	3.01166	-.01254
1.400	-3.954	1.14691	164.93630	-.16462	-.07482	.05610	.02550	1.39124	3.01868	-.01010
1.400	-3.445	1.14429	162.87190	-.14377	-.06522	.05561	.02523	1.39254	3.02319	-.00829
1.400	-2.939	1.14070	160.25320	-.12266	-.05560	.05470	.02480	1.39420	3.02898	-.00723
1.400	-2.434	1.13932	156.68420	-.10205	-.04519	.05353	.02423	1.39505	3.03195	-.00587
1.400	-1.925	1.13102	151.76880	-.08273	-.03740	.05332	.02411	1.39586	3.03478	-.00481
1.400	-1.409	1.11453	144.51710	-.06358	-.02872	.05364	.02423	1.39650	3.03699	-.00395
1.400	-.893	1.09184	133.18750	-.04387	-.01979	.05297	.02389	1.39741	3.04020	-.00264
1.400	-.383	1.04853	115.32470	-.02410	-.01086	.05142	.02317	1.39837	3.04355	-.00159
1.399	.104	.99067	90.33362	-.00535	-.00241	.04973	.02241	1.39785	3.04171	-.00159
1.400	.595	.94582	63.63699	.01325	.00597	.04867	.02192	1.39904	3.04586	-.00109
1.400	1.095	.90654	44.22607	.03277	.01476	.04750	.02140	1.39910	3.04609	-.00133
GRADIENT		-.03816	-19.10748	.03913	.01781	-.00140	-.00069	.00190	.00662	.00225

(TCM051) ( 04 OCT 91 )

PARAMETRIC DATA

BETA = 1.000 PHI = 180.000

RUN NO. 1558/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
1.450	-6.962	1.26451	170.83030	-.29773	-.13971	.05946	.02790	1.42484	3.13706	-.02906
1.450	-6.444	1.26349	170.11210	-.27663	-.12934	.06006	.02808	1.42752	3.14662	-.02548
1.450	-5.941	1.26036	169.31470	-.25567	-.11921	.05823	.02715	1.43023	3.15635	-.02255
1.449	-5.435	1.26300	168.31960	-.23461	-.10915	.05776	.02687	1.43133	3.16026	-.02049
1.449	-4.929	1.25859	167.20540	-.21463	-.09952	.05838	.02707	1.43450	3.17167	-.01706
1.450	-4.430	1.25960	165.81420	-.19465	-.09000	.05903	.02729	1.43796	3.18415	-.01395
1.451	-3.918	1.25283	164.14540	-.17339	-.07997	.05902	.02722	1.44100	3.19512	-.01123
1.448	-2.897	1.24793	159.18460	-.15182	-.06989	.05894	.02713	1.44127	3.19610	-.00967
1.450	-2.380	1.23836	155.49640	-.12902	-.05931	.05785	.02659	1.44082	3.19447	-.00856
1.450	-1.862	1.22461	150.34300	-.08678	-.03983	.05658	.02600	1.44309	3.20268	-.00792
1.451	-1.337	1.20124	142.73470	-.06631	-.03037	.05654	.02593	1.44371	3.20491	-.00666
1.450	-.806	1.15776	131.00860	-.04487	-.02050	.05596	.02590	1.44659	3.21537	-.00447
1.450	-.276	1.08359	112.51190	-.02313	-.01055	.05328	.02430	1.44796	3.22036	-.00217
1.450	.215	.97754	87.20370	-.00269	-.00123	.04986	.02272	1.44977	3.22692	-.00024
1.450	.693	.88791	60.74480	-.01685	-.00768	.04714	.02149	1.44970	3.22667	.00009
1.450	1.173	.81799	41.77007	.03674	.01677	.04428	.02021	1.44880	3.22340	-.00101
GRADIENT		-.06757	-19.25820	.04117	.01902	-.00215	-.00105	.00241	.00872	.00276

RUN NO. 1643/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
1.470	-6.969	1.24578	170.90920	-.30426	-.14419	.06010	.02848	1.44029	3.19254	-.03946
1.470	-6.446	1.24453	170.19100	-.28329	-.13373	.06067	.02864	1.44323	3.20319	-.03553
1.470	-5.944	1.23836	169.43310	-.26289	-.12368	.05985	.02816	1.44685	3.21633	-.03191
1.471	-5.444	1.24306	168.43820	-.24132	-.11309	.05948	.02787	1.45118	3.23207	-.02775
1.470	-4.938	1.24044	167.32400	-.21916	-.10248	.05914	.02765	1.45174	3.23410	-.02623
1.484	-4.435	1.23860	165.97240	-.19395	-.09234	.05840	.02780	1.45304	3.23886	-.02451
1.470	-3.928	1.23463	164.30370	-.17622	-.08209	.05943	.02769	1.45514	3.24650	-.02222
1.470	-3.420	1.23336	162.16000	-.15389	-.07156	.05892	.02740	1.45663	3.25198	-.02041
1.470	-2.905	1.22721	159.42220	-.13126	-.06093	.05855	.02718	1.45829	3.25803	-.01865
1.470	-2.394	1.22205	155.73410	-.10892	-.05058	.05779	.02684	1.45831	3.25810	-.01890
1.469	-1.873	1.20732	150.62030	-.08842	-.04103	.05807	.02695	1.45777	3.25615	-.01844
1.470	-1.354	1.18874	143.09130	-.06746	-.03128	.05814	.02696	1.45913	3.26114	-.01755
1.470	-.822	1.14613	131.44440	-.04561	-.02113	.05743	.02661	1.46400	3.26577	-.01643
1.469	-.299	1.08229	113.10620	-.02333	-.01081	.05502	.02549	1.45950	3.26247	-.01650
1.471	.194	.98587	87.87721	-.00249	-.00115	.05145	.02383	1.46116	3.26856	-.01607
1.470	.675	.90017	61.33905	.01726	.00799	.04798	.02222	1.46068	3.26681	-.01589
1.470	1.158	.82850	42.08707	.03747	.01736	.04487	.02078	1.46088	3.26755	-.01604
GRADIENT		-.06214	-19.22677	.04180	.01959	-.00196	-.00098	.00140	.00514	.00157

(TCM051) ( 04 OCT 91 )

## PARAMETRIC DATA

BETA = 1.000 PHI = 180.000  
 GRADIENT INTERVAL = -5.00/ 5.00

RUN NO. 1593/ 0 RN/L = 2.50

MACH	ALPHA	BETA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
1.493	-6.971	1.22889	170.98790	-.32151	-.15318	.06515	.03104	1.46277	3.27447	-.04258
1.493	-6.453	1.22987	170.26990	-.29906	-.14221	.06516	.03098	1.46421	3.27979	-.04062
1.493	-5.951	1.22798	169.47260	-.27994	-.13276	.06468	.03067	1.46684	3.28945	-.03778
1.493	-5.446	1.22819	168.51710	-.25880	-.12236	.06575	.03109	1.46924	3.29831	-.03482
1.493	-4.946	1.22710	167.40310	-.23739	-.11199	.06559	.03094	1.47133	3.30605	-.03257
1.493	-4.444	1.22370	166.09100	-.21525	-.10134	.06592	.03103	1.47303	3.31236	-.03051
1.493	-3.931	1.22303	164.38290	-.19239	-.09041	.06579	.03092	1.47500	3.31967	-.02832
1.492	-3.419	1.21781	162.27860	-.16859	-.07908	.06628	.03109	1.47591	3.32301	-.02675
1.492	-2.915	1.21602	159.54100	-.14556	-.06821	.06562	.03075	1.47771	3.32971	-.02566
1.492	-2.400	1.20834	155.89240	-.12327	-.05775	.06470	.03031	1.47704	3.32722	-.02554
1.493	-1.881	1.19424	150.81830	-.10032	-.04700	.06467	.03030	1.47740	3.32858	-.02531
1.493	-1.364	1.17720	143.32900	-.07714	-.03616	.06415	.03007	1.47689	3.32667	-.02596
1.492	-.833	1.13738	131.72170	-.05280	-.02379	.06330	.02969	1.47509	3.32368	-.02677
1.493	-.310	1.07368	113.46270	-.02788	-.01407	.06129	.02876	1.47589	3.32271	-.02699
1.492	.179	.98418	88.27344	-.00426	-.00200	.05789	.02716	1.47614	3.32386	-.02662
1.492	.661	.90498	61.69563	.01862	.00874	.05430	.02548	1.47565	3.32208	-.02692
1.493	1.147	.84518	42.56235	.04166	.01954	.05135	.02409	1.47599	3.32332	-.02682
GRADIENT		-.05853	-19.18898	.04567	.02149	-.00209	-.00100	.00045	.00167	.00060

RUN NO. 1609/ 0 RN/L = 2.49

GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
1.516	-6.970	1.22932	170.98790	-.36490	-.17267	.07283	.03446	1.49622	3.39900	-.03259
1.516	-6.453	1.22956	170.26990	-.34028	-.16069	.07314	.03454	1.49783	3.40509	-.03039
1.516	-5.951	1.22757	169.47260	-.31853	-.14993	.07242	.03408	1.50155	3.41915	-.02685
1.515	-5.447	1.22434	168.55650	-.29193	-.13703	.07299	.03426	1.50310	3.42501	-.02424
1.515	-4.941	1.22626	167.40300	-.26510	-.12433	.07302	.03425	1.50372	3.42734	-.02340
1.516	-4.439	1.22244	166.09090	-.24219	-.11361	.07431	.03486	1.50397	3.42832	-.02356
1.516	-3.931	1.22253	164.38290	-.22037	-.10323	.07465	.03497	1.50530	3.43335	-.02194
1.515	-3.424	1.21967	162.27870	-.19396	-.09069	.07369	.03445	1.50632	3.43723	-.02008
1.515	-2.910	1.21481	159.54100	-.16581	-.07741	.07213	.03367	1.50805	3.44381	-.01838
1.516	-2.401	1.20889	155.89250	-.13666	-.06370	.07009	.03267	1.51009	3.45155	-.01666
1.516	-1.882	1.19437	150.81830	-.10899	-.05077	.06979	.03251	1.51055	3.45329	-.01602
1.516	-1.361	1.17436	143.32890	-.08084	-.03762	.06927	.03224	1.51137	3.45645	-.01505
1.516	-.834	1.13829	131.68210	-.05195	-.02419	.06690	.03115	1.51121	3.45582	-.01543
1.516	-.309	1.07407	113.38350	-.02242	-.01044	.06253	.02912	1.51044	3.45290	-.01590
1.516	.180	.98338	88.27344	.00408	.00190	.05635	.02625	1.51053	3.45321	-.01591
1.515	.663	.90495	61.73526	.02875	.01339	.05140	.02393	1.51031	3.45239	-.01563
1.516	1.150	.84015	42.36435	.05252	.02444	.04739	.02205	1.51166	3.45753	-.01492
GRADIENT		-.05880	-19.21018	.05328	.02495	-.00414	-.00198	.00129	.00492	.00145

(TCM051) ( 04 OCT 91 )

IA310 (AEDC 16TF-783) PROBE CALIBRATION

PARAMETRIC DATA

BETA = 1.000 PHI = 180.000

RUN NO. 1624/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
1.542	-6.969	1.23345	170.94850	-.34025	-.16059	.07118	.03360	1.52924	3.52496	-.02332
1.541	-6.453	1.22893	170.26980	-.30631	-.14436	.06718	.03166	1.52973	3.52688	-.02200
1.542	-5.950	1.22760	169.47260	-.27653	-.13025	.06574	.03097	1.53122	3.53262	-.02117
1.542	-5.446	1.22780	168.51700	-.24698	-.11637	.06430	.03030	1.53069	3.53057	-.02151
1.541	-4.946	1.22704	167.40310	-.21824	-.10283	.06242	.02941	1.53050	3.52984	-.02159
1.541	-4.438	1.22463	166.05130	-.19052	-.08974	.06059	.02854	1.53075	3.53079	-.02133
1.541	-3.931	1.22234	164.38280	-.16298	-.07674	.05815	.02738	1.53148	3.53148	-.02082
1.541	-3.425	1.21668	162.31820	-.13721	-.06453	.05465	.02570	1.53190	3.53524	-.01969
1.541	-2.915	1.21573	159.54100	-.11149	-.05239	.04954	.02328	1.53298	3.53945	-.01880
1.541	-2.401	1.20824	155.89240	-.08884	-.04180	.04508	.02121	1.53193	3.53537	-.01988
1.542	-1.886	1.19629	150.81830	-.07049	-.03317	.04452	.02095	1.53188	3.53519	-.02018
1.541	-1.364	1.17793	143.28940	-.05129	-.02414	.04350	.02047	1.53126	3.53279	-.02031
1.541	-.837	1.14158	131.72180	-.03258	-.01533	.04167	.01961	1.53160	3.53410	-.02026
1.541	-.309	1.07391	113.42310	-.01407	-.00662	.03935	.01851	1.53180	3.53487	-.01996
1.542	.179	.98945	88.31300	.00180	.00085	.03632	.01709	1.53186	3.53510	-.02011
1.541	.660	.90587	61.77487	.01773	.00835	.03394	.01597	1.53131	3.53296	-.02033
1.541	1.149	.84054	42.36435	.03349	.01576	.03135	.01476	1.53144	3.53346	-.02020
GRADIENT		-.05844	-19.20439	.04059	.01911	-.00505	-.00238	.00009	.00035	.00013

IA310 (AEDC 16TF-783) TABULATED DATA  
IA310 (AEDC 16TF-783) PROBE CALIBRATION

(TCM052) ( 04 OCT 91 )

PARAMETRIC DATA

BETA = 1.500 PHI = 180.000

RUN NO. 1578/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
.599	-6.941	1.77915	166.82050	-.29633	-.05942	.08003	.01605	.57627	1.25241	-.01763
.600	-6.433	1.77408	165.86230	-.27496	-.05508	.07935	.01590	.58013	1.25609	-.01511
.600	-5.926	1.77445	164.70650	-.25285	-.05054	.07865	.01572	.58298	1.25881	-.01289
.600	-5.420	1.77567	163.35270	-.23128	-.04620	.07853	.01569	.58588	1.26161	-.01103
.600	-4.907	1.76935	161.80050	-.20988	-.04184	.07775	.01550	.58787	1.26354	-.00936
.600	-4.404	1.76739	159.93180	-.18970	-.03778	.07751	.01544	.59047	1.26608	-.00759
.600	-3.889	1.75918	157.66680	-.16885	-.03359	.07779	.01547	.59182	1.26740	-.00649
.601	-3.379	1.75591	154.80810	-.14784	-.02939	.07754	.01542	.59429	1.26983	-.00488
.600	-2.863	1.74484	151.23650	-.12571	-.02495	.07650	.01518	.59509	1.27063	-.00403
.601	-2.344	1.73177	146.55610	-.10380	-.02061	.07605	.01510	.59697	1.27249	-.00303
.600	-1.823	1.71372	140.37120	-.08193	-.01624	.07496	.01486	.59734	1.27285	-.00235
.600	-1.298	1.68052	132.00860	-.05994	-.01188	.07406	.01467	.59822	1.27373	-.00173
.601	-.771	1.63681	120.47850	-.03820	-.00757	.07199	.01427	.59894	1.27445	-.00134
.601	-.250	1.56213	105.30540	-.01750	-.00347	.06882	.01363	.59932	1.27483	-.00105
.601	.243	1.48488	87.43948	.00173	.00034	.06597	.01305	.59881	1.27432	-.00092
.600	.735	1.41078	68.93887	.02180	.00432	.06387	.01264	.59945	1.27496	-.00079
.601	1.213	1.35336	53.80408	.04050	.00802	.06189	.01226	.59960	1.27511	-.00081
GRADIENT		-.06637	-17.15455	.04117	.00819	-.00264	-.00054	.00179	.00177	.00135

RUN NO. 1468/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
.800	-6.959	1.70076	167.13530	-.28488	-.08570	.07408	.02229	.77557	1.48824	-.02398
.800	-6.448	1.70239	166.13810	-.26406	-.07923	.07403	.02221	.77918	1.49347	-.02075
.800	-5.946	1.69785	165.06140	-.24394	-.07294	.07388	.02209	.78206	1.49766	-.01766
.800	-5.437	1.69282	163.78670	-.22351	-.06672	.07373	.02201	.78519	1.50225	-.01513
.800	-4.933	1.69329	162.23500	-.20324	-.06050	.07372	.02195	.78721	1.50522	-.01278
.800	-4.430	1.69124	160.40620	-.18331	-.05444	.07296	.02167	.78943	1.50851	-.01052
.800	-3.921	1.68647	158.18110	-.16337	-.04843	.07270	.02155	.79113	1.51103	-.00875
.800	-3.413	1.68269	155.40180	-.14289	-.04231	.07216	.02137	.79334	1.51432	-.00699
.800	-2.904	1.67569	151.90970	-.12229	-.03615	.07151	.02114	.79453	1.51610	-.00556
.800	-2.388	1.66451	147.34840	-.10148	-.02996	.07113	.02100	.79567	1.51782	-.00437
.800	-1.878	1.65405	141.28270	-.08104	-.02390	.07050	.02079	.79652	1.51910	-.00338
.800	-1.353	1.62690	132.99940	-.06010	-.01771	.06960	.02050	.79696	1.51976	-.00278
.800	-.837	1.59353	121.70720	-.03986	-.01174	.06850	.02018	.79804	1.52138	-.00211
.800	-.326	1.54767	106.65330	-.01986	-.00585	.06650	.01958	.79845	1.52199	-.00170
.800	.164	1.49463	88.94586	-.00119	-.00035	.06475	.01905	.79835	1.52185	-.00138
.800	.663	1.44039	70.36594	.01803	.00531	.06350	.01870	.79924	1.52319	-.00124
.800	1.151	1.40237	55.07236	.03679	.01082	.06261	.01842	.79851	1.52209	-.00121
GRADIENT		-.04709	-17.13171	.03959	.01175	-.00184	-.00058	.00183	.00274	.00183

(TCM052) ( 04 OCT 91 )

PARAMETRIC DATA

BETA = 1.500 PHI = 180.000

RUN NO. 1502/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
.900	-6.954	1.71150	167.09590	-.27347	-.09394	.07073	.02430	.87680	1.64967	-.02498
.900	-6.441	1.71203	166.09850	-.25370	-.08688	.07076	.02423	.87973	1.65484	-.02179
.900	-5.938	1.70644	165.02180	-.23425	-.07997	.07095	.02422	.88285	1.66036	-.01848
.901	-5.429	1.70924	163.66820	-.21445	-.07308	.07062	.02407	.88589	1.66578	-.01594
.900	-4.924	1.70476	162.15590	-.19527	-.06635	.07034	.02390	.88782	1.66922	-.01337
.900	-4.420	1.70136	160.32690	-.17613	-.05973	.07015	.02379	.89010	1.67332	-.01118
.900	-3.913	1.69963	158.06240	-.15685	-.05308	.06954	.02353	.89180	1.67638	-.00917
.900	-3.403	1.69402	155.28300	-.13728	-.04636	.06923	.02338	.89341	1.67928	-.00724
.900	-2.892	1.68459	151.79070	-.11742	-.03960	.06874	.02318	.89444	1.68116	-.00599
.900	-2.379	1.67557	147.18990	-.09760	-.03285	.06816	.02294	.89561	1.68329	-.00442
.898	-1.862	1.65905	141.12400	-.07807	-.02621	.06748	.02265	.89516	1.68247	-.00329
.900	-1.343	1.63668	132.80130	-.05782	-.01941	.06665	.02237	.89797	1.68758	-.00176
.900	-.825	1.60049	121.46940	-.03832	-.01288	.06534	.02196	.89829	1.68817	-.00219
.900	-.313	1.55035	106.41550	-.01915	-.00643	.06379	.02142	.89842	1.68841	-.00167
.900	.180	1.49263	88.62880	-.00124	-.00042	.06188	.02077	.89873	1.68899	-.00135
.900	.676	1.43408	70.08849	.01741	.00584	.06048	.02029	.89881	1.68913	-.00112
.900	1.160	1.38915	54.83467	.03487	.01170	.05963	.02001	.89904	1.68956	-.00103
GRADIENT		-.05051	-17.15336	.03797	.01286	-.00181	-.00065	.00177	.00321	.00197

RUN NO. 1509/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
1.100	-6.984	1.58165	167.68770	-.24887	-.10138	.06103	.02486	1.07817	2.07735	-.02610
1.100	-6.474	1.57319	166.80890	-.23123	-.09391	.05943	.02414	1.08125	2.08509	-.02277
1.100	-5.973	1.56715	165.73200	-.21400	-.08663	.05923	.02397	1.08386	2.09167	-.01943
1.100	-5.473	1.56680	164.45770	-.19639	-.07929	.05895	.02380	1.08658	2.09854	-.01657
1.100	-4.973	1.57081	162.90640	-.17880	-.07200	.05956	.02398	1.08881	2.10419	-.01390
1.100	-4.472	1.56820	161.15700	-.16149	-.06487	.05922	.02379	1.09039	2.10822	-.01159
1.100	-3.964	1.56752	158.97200	-.14450	-.05793	.05895	.02363	1.09189	2.11204	-.00962
1.100	-3.465	1.56174	152.89930	-.12638	-.05057	.05869	.02348	1.09391	2.11719	-.00750
1.100	-2.962	1.55581	148.53650	-.10827	-.04324	.05851	.02337	1.09491	2.11975	-.00588
1.100	-2.462	1.55368	142.62970	-.09085	-.03626	.05794	.02312	1.09627	2.12325	-.00478
1.100	-1.957	1.54694	134.54510	-.07352	-.02930	.05744	.02289	1.09679	2.12459	-.00361
1.100	-1.446	1.53052	123.49100	-.05624	-.02240	.05741	.02286	1.09778	2.12714	-.00283
1.100	-.948	1.50801	108.59580	-.03923	-.01561	.05699	.02268	1.09795	2.12758	-.00216
1.100	.039	1.49606	90.88864	-.00603	-.00240	.05652	.02247	1.09878	2.12972	-.00131
1.100	.545	1.47903	72.26904	.01091	.00434	.05668	.02254	1.09912	2.13059	-.00127
1.100	1.051	1.47384	56.93546	.02819	.01120	.05684	.02258	1.09913	2.13060	-.00073
GRADIENT		-.01702	-17.16249	.03441	.01381	-.00053	-.00026	.00168	.00431	.00209

(TCM052) ( 04 OCT 91 )

## PARAMETRIC DATA

BETA = 1.500 PHI = 180.000

RUN NO. 1525/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PHI	CPAQ	CPALPH	CPBO	CPBETA	MPROBE	CPM	CPTD
1.250	-6.965	1.66661	167.29300	-.25549	-.11223	.06483	.02848	1.22741	2.48839	-.02700
1.250	-6.447	1.66192	166.33480	-.23729	-.10385	.06467	.02830	1.23059	2.49792	-.02318
1.250	-5.947	1.66269	165.21890	-.21945	-.09571	.06452	.02814	1.23371	2.50730	-.01955
1.250	-5.444	1.66437	163.90500	-.20084	-.08732	.06471	.02813	1.23587	2.51382	-.01648
1.250	-4.945	1.65948	162.43250	-.18207	-.07903	.06395	.02776	1.23752	2.51880	-.01475
1.250	-4.439	1.66039	160.56410	-.16440	-.07121	.06382	.02764	1.23912	2.52362	-.01267
1.250	-3.929	1.65215	158.37860	-.14602	-.06310	.06388	.02760	1.24096	2.52921	-.01031
1.250	-3.424	1.65108	155.59950	-.12782	-.05514	.06376	.02751	1.24292	2.53515	-.00848
1.250	-2.913	1.64518	152.10740	-.10940	-.04712	.06302	.02714	1.24420	2.53906	-.00687
1.250	-2.406	1.63894	147.58600	-.09116	-.03920	.06246	.02686	1.24507	2.54169	-.00544
1.250	-1.892	1.62558	141.55990	-.07325	-.03146	.06170	.02651	1.24620	2.54515	-.00425
1.250	-1.379	1.60466	133.39570	-.05563	-.02388	.06141	.02636	1.24734	2.54861	-.00343
1.250	-.865	1.57617	122.10360	-.03772	-.01618	.06059	.02598	1.24729	2.54847	-.00267
1.250	-.357	1.53711	107.08940	-.01983	-.00850	.05978	.02562	1.24807	2.55087	-.00210
1.250	.132	1.49315	89.38206	-.00279	-.00120	.05886	.02522	1.24844	2.55199	-.00177
1.250	.632	1.45387	70.80208	.01433	.00614	.05805	.02487	1.24841	2.55190	-.00168
1.250	1.123	1.41891	55.46881	.03139	.01345	.05733	.02457	1.24888	2.55332	-.00158
GRADIENT		-.03921	-17.15499	.03520	.01523	-.00115	-.00055	.00183	.00556	.00214

RUN NO. 1541/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PHI	CPAQ	CPALPH	CPBO	CPBETA	MPROBE	CPM	CPTD
1.399	-6.974	1.65037	167.37170	-.28293	-.13087	.07783	.03600	1.37541	2.96402	-.02815
1.400	-6.450	1.64595	166.41370	-.26296	-.12124	.07693	.03547	1.37831	2.97399	-.02483
1.400	-5.950	1.64788	165.29790	-.24291	-.11163	.07649	.03515	1.38172	2.98574	-.02131
1.400	-5.448	1.64631	164.02350	-.22298	-.10217	.07600	.03483	1.38379	2.99290	-.01846
1.400	-4.948	1.64604	162.51160	-.20336	-.09294	.07588	.03468	1.38609	3.00084	-.01580
1.400	-4.438	1.64356	160.68270	-.18411	-.08390	.07576	.03452	1.38863	3.00964	-.01286
1.400	-3.932	1.64105	158.45780	-.16425	-.07468	.07553	.03434	1.39083	3.01726	-.01055
1.401	-3.429	1.63868	155.71830	-.14338	-.06509	.07518	.03413	1.39286	3.02432	-.00885
1.400	-2.924	1.63386	152.26600	-.12249	-.05549	.07447	.03373	1.39392	3.02802	-.00678
1.400	-2.409	1.62448	147.74440	-.10130	-.04586	.07363	.03333	1.39469	3.03068	-.00609
1.400	-1.901	1.61446	141.75800	-.08177	-.03699	.07294	.03299	1.39568	3.03413	-.00518
1.400	-1.394	1.59962	133.63360	-.06269	-.02833	.07220	.03262	1.39602	3.03533	-.00431
1.400	-.878	1.57100	122.42070	-.04285	-.01935	.07190	.03247	1.39736	3.03999	-.00350
1.400	-.371	1.53514	107.44620	-.02344	-.01057	.07086	.03196	1.39769	3.04116	-.00238
1.400	.116	1.49580	89.73880	-.00459	-.00207	.06979	.03147	1.39801	3.04228	-.00223
1.400	.618	1.45513	71.07959	.01446	.00652	.06923	.03121	1.39832	3.04338	-.00184
1.400	1.114	1.43263	55.74617	.03346	.01509	.06815	.03073	1.39783	3.04165	-.00221
GRADIENT		-.03539	-17.15219	.03919	.01785	-.00132	-.00067	.00185	.00644	.00215

( TCM052 ) ( 04 OCT 91 )

PARAMETRIC DATA

BETA = 1.500 PHI = 180.000

RUN NO. 1559/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
1.450	-6.946	1.76234	166.89930	-.29668	-.13926	.08087	.03796	1.42485	3.13709	-.02938
1.450	-6.426	1.75899	165.90140	-.27636	-.12923	.08064	.03771	1.42719	3.14545	-.02570
1.450	-5.924	1.76045	164.74570	-.25474	-.11883	.08049	.03755	1.43024	3.15638	-.02299
1.450	-5.415	1.75585	163.43120	-.23345	-.10862	.07877	.03665	1.43202	3.16277	-.02048
1.450	-4.912	1.75324	161.87930	-.21311	-.09893	.07880	.03658	1.43400	3.16985	-.01812
1.450	-4.399	1.74800	160.01050	-.19322	-.08938	.07955	.03680	1.43710	3.18102	-.01458
1.450	-3.889	1.74437	157.70610	-.17275	-.07970	.07951	.03668	1.43990	3.19113	-.01173
1.450	-3.380	1.73880	154.88700	-.15071	-.06939	.07950	.03660	1.44126	3.19603	-.00976
1.449	-2.864	1.72951	151.31550	-.12822	-.05896	.07882	.03624	1.44140	3.19654	-.00866
1.450	-2.351	1.71917	146.67490	-.10597	-.04870	.07727	.03551	1.44264	3.20103	-.00803
1.450	-1.828	1.69375	140.49000	-.08538	-.03921	.07610	.03495	1.44349	3.20412	-.00723
1.450	-1.305	1.66874	132.12740	-.06433	-.02950	.07534	.03455	1.44441	3.20744	-.00588
1.449	-.778	1.62425	120.59740	-.04327	-.01981	.07471	.03421	1.44533	3.21077	-.00444
1.450	-.261	1.56012	105.38490	-.02223	-.01017	.07311	.03343	1.44725	3.21775	-.00296
1.450	.230	1.48562	87.59814	-.00206	-.00094	.07099	.03243	1.44848	3.22223	-.00169
1.450	.724	1.41591	69.09750	.01815	.00829	.06889	.03148	1.44783	3.21989	-.00220
1.450	1.200	1.35878	53.96269	.03750	.01715	.06672	.03052	1.44722	3.21766	-.00318
GRADIENT		-.06262	-17.18050	.04115	.01902	-.00202	-.00101	.00209	.00757	.00239

RUN NO. 1644/ O RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
1.470	-6.949	1.74228	166.97800	-.30295	-.14355	.08273	.03920	1.43981	3.19081	-.03948
1.471	-6.430	1.74017	165.98030	-.28197	-.13325	.08222	.03885	1.44348	3.20410	-.03645
1.471	-5.929	1.73883	164.86420	-.26209	-.12333	.08190	.03854	1.44728	3.21786	-.03193
1.470	-5.425	1.73726	163.54990	-.24052	-.11280	.08112	.03805	1.44945	3.22577	-.02876
1.470	-4.917	1.73444	161.99800	-.21822	-.10213	.08048	.03766	1.45168	3.23390	-.02661
1.470	-4.411	1.72871	160.16880	-.19582	-.09192	.08022	.03747	1.45308	3.23899	-.02457
1.470	-3.902	1.72675	157.86450	-.17483	-.08151	.07987	.03724	1.45495	3.24581	-.02272
1.470	-3.393	1.72341	155.04560	-.15281	-.07110	.07986	.03716	1.45628	3.25070	-.02072
1.471	-2.874	1.71316	151.47400	-.13029	-.06051	.07953	.03693	1.45884	3.26005	-.01855
1.470	-2.359	1.69850	146.91260	-.10752	-.04990	.07833	.03636	1.45919	3.26135	-.01816
1.471	-1.842	1.68345	140.76740	-.08646	-.04013	.07758	.03600	1.45962	3.26291	-.01801
1.470	-1.320	1.65657	132.40490	-.06549	-.03037	.07733	.03587	1.45951	3.26251	-.01748
1.470	-.798	1.61448	120.99370	-.04394	-.02037	.07643	.03543	1.46000	3.26431	-.01706
1.470	-.282	1.55608	105.82090	-.02232	-.01034	.07469	.03461	1.45995	3.26411	-.01663
1.470	.210	1.48821	88.03418	-.00193	-.00090	.07241	.03354	1.46083	3.26735	-.01605
1.470	.705	1.42468	69.49388	.01843	.00854	.07001	.03243	1.46057	3.26640	-.01613
1.471	1.187	1.37626	54.31934	.03798	.01759	.06786	.03143	1.46141	3.26949	-.01589
GRADIENT		-.05744	-17.15738	.04198	.01959	-.00192	-.00095	.00143	.00523	.00160



(TCM052) ( 04 OCT 91 )

IA310 (AEDC 16TF-783) PROBE CALIBRATION

PARAMETRIC DATA

BETA = 1.500 PHI = 180.000

RUN NO. 1594/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
1.493	-6.952	1.72613	167.05680	-.32081	-.15287	.08780	.04184	1.46246	3.27336	-.04262
1.493	-6.438	1.72563	166.05930	-.29818	-.14177	.08720	.04146	1.46433	3.28023	-.04026
1.493	-5.932	1.72314	164.94300	-.27740	-.13181	.08799	.04181	1.46507	3.28292	-.03972
1.493	-5.429	1.72242	163.62890	-.25791	-.12206	.08807	.04168	1.46872	3.29641	-.03557
1.493	-4.921	1.72013	162.07700	-.23534	-.11107	.08801	.04153	1.47163	3.30717	-.03240
1.493	-4.416	1.71574	160.24790	-.21316	-.10035	.08839	.04161	1.47313	3.31272	-.03024
1.493	-3.907	1.71265	157.98330	-.19045	-.08952	.08840	.04155	1.47530	3.32077	-.02820
1.493	-3.399	1.70988	155.16430	-.16732	-.07850	.08818	.04137	1.47617	3.32401	-.02673
1.493	-2.886	1.70098	151.63250	-.14390	-.06743	.08808	.04127	1.47718	3.32777	-.02545
1.493	-2.367	1.68705	147.03140	-.12106	-.05670	.08729	.04088	1.47799	3.33075	-.02489
1.493	-1.856	1.67564	140.92600	-.09813	-.04594	.08648	.04049	1.47812	3.33125	-.02448
1.493	-1.331	1.64716	132.60310	-.07502	-.03513	.08623	.04038	1.47786	3.33028	-.02473
1.493	-.811	1.60759	121.23160	-.05142	-.02409	.08485	.03974	1.47779	3.33002	-.02510
1.492	-.298	1.55806	106.09840	-.02690	-.01261	.08327	.03902	1.47685	3.32651	-.02567
1.492	.194	1.48996	88.31168	-.00371	-.00174	.08076	.03786	1.47659	3.32557	-.02603
1.493	.691	1.43061	69.73174	.01939	.00909	.07829	.03672	1.47687	3.32658	-.02623
1.493	1.173	1.38195	54.55721	.04215	.01975	.07626	.03572	1.47760	3.32930	-.02511
GRADIENT		-.05395	-17.16154	.04545	.02139	-.00186	-.00091	.00068	.00251	.00082

RUN NO. 1610/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
1.516	-6.957	1.72774	167.05700	-.36457	-.17263	.09956	.04714	1.49569	3.39703	-.03300
1.516	-6.438	1.72633	166.05940	-.34157	-.16119	.09834	.04641	1.49882	3.40882	-.02953
1.516	-5.933	1.72391	164.94310	-.31661	-.14928	.09861	.04549	1.49950	3.41138	-.02836
1.516	-5.429	1.72268	163.62890	-.29081	-.13656	.09871	.04535	1.50363	3.42701	-.02408
1.516	-4.921	1.72076	162.07710	-.26349	-.12358	.09877	.04532	1.50473	3.43119	-.02278
1.516	-4.415	1.71584	160.24790	-.23867	-.11208	.09933	.04665	1.50286	3.42410	-.02421
1.517	-3.908	1.71250	157.98330	-.21765	-.10208	.10038	.04708	1.50524	3.43313	-.02259
1.517	-3.400	1.71050	155.16440	-.19316	-.09037	.09931	.04646	1.50735	3.44113	-.02010
1.516	-2.882	1.69904	151.63240	-.16479	-.07697	.09724	.04542	1.50859	3.44585	-.01837
1.516	-2.372	1.68922	147.07110	-.13572	-.06330	.09496	.04429	1.50981	3.45051	-.01693
1.516	-1.852	1.67312	140.92600	-.10718	-.04955	.09346	.04355	1.51043	3.45285	-.01607
1.516	-1.332	1.64668	132.64270	-.07946	-.03702	.09277	.04322	1.51080	3.45427	-.01580
1.516	-.811	1.60810	121.23160	-.05105	-.02377	.09100	.04237	1.51116	3.45563	-.01527
1.516	-.296	1.55391	106.09840	-.02247	-.01046	.08736	.04067	1.51156	3.45715	-.01513
1.516	.195	1.49050	88.35129	.00318	.00148	.08292	.03861	1.51129	3.45612	-.01521
1.516	.689	1.42700	69.81104	.02885	.01343	.07978	.03715	1.51116	3.45562	-.01521
1.516	1.173	1.38271	54.59680	.05290	.02462	.07742	.03604	1.51137	3.45645	-.01496
GRADIENT		-.05424	-17.15305	.05286	.02477	-.00372	-.00180	.00134	.00509	.00155

IA310 (AEDC 16TF-783) PROBE CALIBRATION (TCM052) ( 04 OCT 91 )

PARAMETRIC DATA

BETA = 1.500 PHI = 180.000  
 RUN NO. 1625/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPPROBE	CPM	CPTD
1.542	-6.952	1.72548	167.05670	-.34251	-.16187	.09613	.04543	1.52860	3.52249	-.02365
1.542	-6.433	1.72385	166.05910	-.30748	-.14507	.09271	.04374	1.53026	3.52893	-.02195
1.542	-5.932	1.72298	164.94300	-.27634	-.13027	.09082	.04282	1.53103	3.53191	-.02125
1.542	-5.429	1.72209	163.62880	-.24702	-.11644	.08858	.04176	1.53054	3.53001	-.02128
1.542	-4.926	1.72161	162.07710	-.21865	-.10308	.08567	.04039	1.53018	3.52861	-.02150
1.542	-4.416	1.71545	160.24790	-.19114	-.09009	.08328	.03925	1.53067	3.53049	-.02124
1.542	-3.906	1.71496	157.94370	-.16479	-.07759	.08011	.03772	1.53147	3.53359	-.02073
1.541	-3.400	1.71003	155.16430	-.13916	-.06549	.07565	.03560	1.53155	3.53390	-.02000
1.542	-2.882	1.69871	151.63240	-.11429	-.05374	.07002	.03292	1.53259	3.53794	-.01910
1.542	-2.367	1.68716	147.03140	-.08961	-.04212	.06426	.03021	1.53304	3.53966	-.01891
1.541	-1.853	1.67199	140.92590	-.06990	-.03288	.06183	.02908	1.53170	3.53446	-.02005
1.541	-1.332	1.64694	132.60310	-.05126	-.02411	.06067	.02853	1.53200	3.53562	-.01997
1.541	-.811	1.60825	121.19200	-.03178	-.01494	.05851	.02752	1.53168	3.53440	-.02001
1.541	-.296	1.55388	106.05870	-.01429	-.00672	.05617	.02641	1.53190	3.53525	-.01986
1.541	.195	1.49053	88.31166	.00248	.00117	.05413	.02544	1.53207	3.53590	-.01984
1.541	.690	1.42672	69.77139	.01903	.00895	.05196	.02443	1.53180	3.53485	-.02001
1.541	1.172	1.38297	54.59680	.03507	.01649	.05036	.02368	1.53184	3.53504	-.01994
GRADIENT		-.05430	-17.15011	.04109	.01935	-.00600	-.00284	.00017	.00067	.00018

(TCM053) ( 04 OCT 91 )

PARAMETRIC DATA

BETA = 2.000 PHI = 180.000

RUN NO. 1579/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
.600	-6.923	2.27637	163.00830	-.29526	-.05934	.10055	.02021	.57649	1.25262	-.01803
.599	-6.410	2.26759	161.81010	-.27416	-.05491	.10017	.02006	.57914	1.25514	-.01565
.599	-5.903	2.26678	160.37480	-.25230	-.05045	.10067	.02013	.58226	1.25812	-.01341
.599	-5.396	2.26253	158.74140	-.23070	-.04602	.10025	.02000	.58450	1.26028	-.01152
.600	-4.888	2.26103	156.79140	-.20911	-.04167	.10005	.01994	.58735	1.26304	-.00960
.600	-4.378	2.25487	154.52440	-.18813	-.03745	.09940	.01979	.58956	1.26519	-.00801
.600	-3.864	2.24662	151.78210	-.16741	-.03332	.09868	.01964	.59146	1.26705	-.00683
.600	-3.356	2.24139	148.44620	-.14655	-.02910	.09876	.01961	.59289	1.26845	-.00547
.600	-2.837	2.22844	144.31800	-.12543	-.02488	.09794	.01943	.59490	1.27044	-.00399
.600	-2.315	2.20948	139.16030	-.10369	-.02057	.09655	.01915	.59595	1.27148	-.00339
.600	-1.797	2.18727	132.65660	-.08125	-.01611	.09532	.01890	.59663	1.27215	-.00285
.600	-1.273	2.15124	124.37100	-.05936	-.01176	.09388	.01861	.59766	1.27317	-.00213
.600	-.756	2.11223	113.98710	-.03826	-.00757	.09221	.01825	.59799	1.27350	-.00156
.600	-.239	2.04868	101.46480	-.01733	-.00343	.08976	.01777	.59798	1.27349	-.00169
.600	.251	1.98864	87.83380	.00178	.00035	.08745	.01730	.59877	1.27427	-.00100
.600	.753	1.93169	73.64769	.02246	.00445	.08580	.01698	.59860	1.27411	-.00129
.600	1.235	1.87729	61.24371	.04213	.00833	.08418	.01664	.59920	1.27471	-.00063
GRADIENT		-.06217	-15.49627	.04115	.00819	-.00267	-.00055	.00181	.00178	.00137

RUN NO. 1470/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
.800	-6.946	2.19894	163.32350	-.28408	-.08548	.09575	.02881	.77521	1.48771	-.02432
.800	-6.433	2.19221	162.12550	-.26370	-.07912	.09421	.02827	.77810	1.49190	-.02141
.800	-5.930	2.19150	160.73010	-.24360	-.07288	.09368	.02803	.78137	1.49665	-.01828
.800	-5.424	2.18637	159.13650	-.22313	-.06663	.09332	.02787	.78430	1.50094	-.01580
.800	-4.919	2.19012	157.18690	-.20239	-.06029	.09330	.02779	.78685	1.50470	-.01324
.800	-4.411	2.18358	154.95960	-.18254	-.05420	.09330	.02770	.78847	1.50709	-.01097
.800	-3.907	2.18183	152.25750	-.16238	-.04818	.09277	.02753	.79087	1.51065	-.00926
.800	-3.391	2.17314	148.96110	-.14190	-.04200	.09249	.02738	.79244	1.51299	-.00738
.800	-2.882	2.16180	144.95200	-.12165	-.03597	.09163	.02709	.79399	1.51530	-.00604
.800	-2.369	2.14953	139.87390	-.10095	-.02984	.09074	.02682	.79550	1.51756	-.00493
.800	-1.855	2.13330	133.44980	-.08044	-.02374	.08967	.02647	.79644	1.51898	-.00386
.800	-1.340	2.10993	125.24380	-.05967	-.01759	.08882	.02618	.79689	1.51965	-.00302
.800	-.826	2.07822	114.97890	-.03978	-.01172	.08772	.02585	.79798	1.52130	-.00223
.800	-.319	2.04056	102.57570	-.01977	-.00582	.08658	.02549	.79810	1.52148	-.00188
.800	.174	1.99417	88.94470	-.00081	-.00024	.08517	.02507	.79861	1.52224	-.00152
.800	.677	1.95201	74.75851	.01841	.00542	.08419	.02478	.79843	1.52196	-.00148
.800	1.167	1.91904	62.27493	.03770	.01109	.08299	.02441	.79842	1.52196	-.00122
GRADIENT		-.04462	-15.49781	.03954	.01174	-.00178	-.00058	.00191	.00285	.00191

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(TCM053) ( 04 OCT 91 )

PARAMETRIC DATA

BETA = 2.000 PHI = 180.000

RUN NO. 1503/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
.899	-6.941	2.20909	163.28390	-.27297	-.09377	.09070	.03116	.87606	1.64839	-.02535
.900	-6.424	2.20593	162.04650	-.25319	-.08676	.09033	.03095	.87958	1.65457	-.02217
.900	-5.920	2.20334	160.65090	-.23397	-.07990	.09006	.03075	.88208	1.65900	-.01903
.900	-5.411	2.20074	159.01770	-.21410	-.07296	.09017	.03073	.88496	1.66411	-.01642
.900	-4.911	2.20098	157.10760	-.19458	-.06615	.08953	.03044	.88745	1.66856	-.01385
.900	-4.400	2.19317	154.88030	-.17509	-.05938	.08947	.03034	.88958	1.67238	-.01142
.900	-3.890	2.18674	152.17790	-.15581	-.05272	.08936	.03023	.89113	1.67518	-.00945
.900	-3.382	2.18144	148.88170	-.13629	-.04604	.08885	.03001	.89263	1.67788	-.00780
.900	-2.874	2.17304	144.83310	-.11662	-.03933	.08822	.02975	.89427	1.68085	-.00616
.900	-2.354	2.15715	139.71530	-.09702	-.03268	.08699	.02930	.89538	1.68288	-.00493
.900	-1.843	2.14131	133.29110	-.07734	-.02603	.08605	.02896	.89650	1.68491	-.00376
.900	-1.326	2.11502	125.08510	-.05730	-.01926	.08520	.02864	.89716	1.68611	-.00289
.900	-.811	2.08038	114.78050	-.03814	-.01281	.08394	.02820	.89762	1.68695	-.00232
.900	-.303	2.03888	102.33770	-.01900	-.00638	.08257	.02774	.89817	1.68796	-.00199
.900	.189	1.99377	88.70671	-.00117	-.00039	.08127	.02729	.89845	1.68792	-.00184
.900	.691	1.94809	74.52052	.01747	.00586	.08036	.02697	.89847	1.68850	-.00138
.900	1.181	1.91271	62.07661	.03594	.01206	.07915	.02657	.89866	1.68885	-.00134
GRADIENT		-.04719	-15.51432	.03789	.01284	-.00183	-.00067	.00178	.00323	.00197

RUN NO. 1510/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
1.099	-6.983	2.07219	163.87520	-.24828	-.10118	.07776	.03169	1.07749	2.07565	-.02666
1.100	-6.469	2.06876	162.67760	-.23091	-.09384	.07751	.03150	1.08065	2.08358	-.02342
1.100	-5.966	2.06721	161.32200	-.21362	-.08650	.07733	.03131	1.08330	2.09026	-.01992
1.100	-5.464	2.06572	159.72870	-.19620	-.07925	.07654	.03092	1.08557	2.09597	-.01729
1.100	-4.962	2.06653	157.85850	-.17854	-.07193	.07639	.03077	1.08836	2.10305	-.01434
1.100	-4.465	2.06769	155.67160	-.16110	-.06476	.07644	.03072	1.09010	2.10748	-.01213
1.100	-3.960	2.06380	153.04880	-.14370	-.05764	.07639	.03064	1.09141	2.11081	-.01020
1.100	-3.455	2.05691	149.87160	-.12606	-.05047	.07628	.03054	1.09311	2.11514	-.00819
1.100	-2.954	2.05534	145.90290	-.10813	-.04321	.07581	.03030	1.09457	2.11890	-.00636
1.100	-2.451	2.05296	140.90460	-.09066	-.03617	.07524	.03002	1.09574	2.12189	-.00490
1.100	-1.947	2.04627	134.67900	-.07319	-.02919	.07478	.02982	1.09695	2.12499	-.00413
1.100	-1.446	2.03455	126.71120	-.05576	-.02221	.07423	.02957	1.09754	2.12651	-.00305
1.100	-.940	2.01342	116.52580	-.03865	-.01539	.07385	.02940	1.09822	2.12827	-.00239
1.100	-.445	2.00255	104.20230	-.02180	-.00867	.07353	.02925	1.09805	2.12782	-.00199
1.100	.045	2.00009	90.57158	-.00542	-.00215	.07358	.02926	1.09841	2.12874	-.00144
1.100	.556	1.98853	76.34561	.01156	.00460	.07381	.02936	1.09920	2.13079	-.00135
1.100	1.060	1.97407	63.74290	.02893	.01150	.07357	.02924	1.09873	2.12957	-.00106
GRADIENT		-.01610	-15.55806	.03447	.01384	-.00060	-.00030	.00175	.00448	.00216

(TCM053) ( 04 OCT 91 )

## PARAMETRIC DATA

BETA = 2.000 PHI = 180.000

RUN NO. 1526/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
1.250	-6.957	2.16334	163.48100	-.25488	-.11204	.08338	.03665	1.22705	2.48729	-.02767
1.250	-6.440	2.15728	162.28310	-.23683	-.10374	.08327	.03648	1.22937	2.49605	-.02404
1.250	-5.934	2.16013	160.84830	-.21889	-.09554	.08334	.03638	1.23326	2.50593	-.02028
1.250	-5.430	2.15662	159.25470	-.20105	-.08748	.08208	.03571	1.23552	2.51275	-.01720
1.250	-4.925	2.15653	157.34470	-.18182	-.07894	.08204	.03562	1.23733	2.51821	-.01503
1.250	-4.420	2.15166	155.11760	-.16377	-.07096	.08134	.03524	1.23873	2.52244	-.01306
1.250	-3.916	2.14671	152.45500	-.14564	-.06299	.08149	.03525	1.24089	2.52899	-.01100
1.250	-3.403	2.14124	149.15880	-.12729	-.05496	.08147	.03518	1.24240	2.53357	-.00932
1.250	-2.896	2.13326	145.15000	-.10894	-.04694	.08092	.03487	1.24340	2.53663	-.00742
1.250	-2.387	2.12372	140.11180	-.09095	-.03913	.07991	.03438	1.24492	2.54126	-.00591
1.250	-1.874	2.10927	133.68770	-.07290	-.03133	.07901	.03395	1.24577	2.54382	-.00463
1.250	-1.365	2.09030	125.56110	-.05498	-.02361	.07838	.03366	1.24656	2.54626	-.00401
1.250	-.853	2.06234	115.29630	-.03717	-.01595	.07760	.03330	1.24724	2.54833	-.00311
1.250	-.349	2.03452	102.93290	-.01961	-.00841	.07702	.03302	1.24783	2.55014	-.00236
1.250	.139	2.00026	89.38113	-.00250	-.00107	.07623	.03268	1.24815	2.55110	-.00219
1.250	.644	1.95549	75.15524	.01458	.00625	.07570	.03245	1.24768	2.54965	-.00221
1.250	1.138	1.93371	62.63202	.03222	.01381	.07491	.03210	1.24799	2.55062	-.00187
GRADIENT		-.03628	-15.53084	.03527	.01527	-.00123	-.00060	.00177	.00540	.00217

RUN NO. 1543/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
1.400	-6.961	2.14716	163.55980	-.28232	-.13072	.09477	.04388	1.37461	2.96129	-.02915
1.400	-6.443	2.14577	162.32260	-.26298	-.12134	.09385	.04330	1.37817	2.97351	-.02542
1.400	-5.938	2.14496	160.92720	-.24288	-.11171	.09317	.04285	1.38128	2.98423	-.02212
1.400	-5.435	2.14201	159.33380	-.22271	-.10214	.09224	.04230	1.38314	2.99065	-.01933
1.400	-4.931	2.13928	157.46320	-.20289	-.09278	.09194	.04205	1.38586	3.00003	-.01636
1.400	-4.431	2.13808	155.23640	-.18355	-.08371	.09187	.04190	1.38818	3.00807	-.01364
1.400	-3.920	2.13543	152.53430	-.16368	-.07449	.09189	.04182	1.38994	3.01416	-.01143
1.400	-3.416	2.12893	149.31740	-.14315	-.06499	.09204	.04179	1.39208	3.02160	-.00905
1.400	-2.903	2.12165	145.26890	-.12231	-.05543	.09088	.04119	1.39372	3.02732	-.00718
1.400	-2.397	2.11223	140.27040	-.10163	-.04602	.08967	.04061	1.39408	3.02856	-.00648
1.400	-1.890	2.10203	133.88600	-.08177	-.03699	.08851	.04004	1.39489	3.03138	-.00540
1.400	-1.387	2.08220	125.75940	-.06190	-.02799	.08751	.03957	1.39610	3.03561	-.00483
1.400	-.867	2.05684	115.53430	-.04248	-.01920	.08669	.03917	1.39663	3.03747	-.00419
1.400	-.364	2.03244	103.17090	-.02279	-.01029	.08598	.03882	1.39679	3.03803	-.00339
1.400	.127	1.99650	89.57956	-.00402	-.00181	.08522	.03846	1.39728	3.03910	-.00317
1.400	.630	1.97006	75.39325	.01486	.00671	.08462	.03820	1.39728	3.03972	-.00333
1.400	1.128	1.94552	62.83025	.03415	.01541	.08379	.03780	1.39720	3.03945	-.00273
GRADIENT		-.03262	-15.52715	.03924	.01788	-.00153	-.00077	.00178	.00621	.00208

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(TCM053) ( 04 OCT 91 )

PARAMETRIC DATA

BETA = 2.000 PHI = 180.000

RUN NO. 1560/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
1.450	-6.926	2.25709	163.08690	-.29570	-.13883	.10147	.04764	1.42462	3.13628	-.02961
1.450	-6.412	2.25327	161.84930	-.27540	-.12888	.10170	.04759	1.42677	3.14394	-.02635
1.450	-5.899	2.25052	160.41390	-.25474	-.11885	.10040	.04685	1.42930	3.15299	-.02335
1.450	-5.393	2.24639	158.78050	-.23299	-.10848	.09968	.04641	1.43168	3.16153	-.02113
1.449	-4.889	2.24702	156.83070	-.21227	-.09858	.09886	.04591	1.43311	3.16666	-.01871
1.449	-4.381	2.24071	154.56370	-.19255	-.08910	.09970	.04614	1.43606	3.17728	-.01508
1.450	-3.867	2.23381	151.82160	-.17203	-.07944	.10024	.04629	1.43919	3.18857	-.01263
1.450	-3.354	2.22631	148.48550	-.15012	-.06916	.09988	.04601	1.44051	3.19335	-.01049
1.450	-2.838	2.21192	144.39700	-.12789	-.05885	.09909	.04560	1.44169	3.19759	-.00926
1.450	-2.321	2.19801	139.23960	-.10593	-.04867	.09778	.04505	1.44299	3.20233	-.00767
1.450	-1.801	2.17370	132.73590	-.08442	-.03878	.09589	.04405	1.44394	3.20576	-.00736
1.450	-1.283	2.14448	124.45050	-.06332	-.02907	.09483	.04353	1.44368	3.20482	-.00679
1.449	-.763	2.09993	114.06650	-.04231	-.01940	.09352	.04287	1.44432	3.20714	-.00556
1.451	-.250	2.04648	101.58390	-.02172	-.00995	.09214	.04223	1.44647	3.21494	-.00501
1.450	.240	1.98885	87.95296	-.00189	-.00086	.09043	.04141	1.44575	3.21232	-.00441
1.449	.738	1.93005	73.80650	.01813	.00831	.08887	.04071	1.44506	3.20981	-.00478
1.450	1.223	1.88474	61.40239	.03790	.01736	.08717	.03992	1.44627	3.21419	-.00440
GRADIENT		-.05915	-15.51060	.04114	.01903	-.00215	-.00108	.00187	.00676	.00210

RUN NO. 1645/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
1.470	-6.935	2.23906	163.16590	-.30193	-.14318	.10340	.04903	1.43998	3.19143	-.04024
1.470	-6.417	2.23461	161.92830	-.28147	-.13299	.10359	.04895	1.44301	3.20237	-.03652
1.470	-5.911	2.23096	160.53260	-.26095	-.12289	.10322	.04861	1.44603	3.21332	-.03319
1.471	-5.403	2.23228	158.85990	-.24000	-.11259	.10299	.04832	1.44966	3.22653	-.02918
1.470	-4.897	2.22791	156.94940	-.21779	-.10192	.10157	.04753	1.45130	3.23248	-.02686
1.484	-4.389	2.22313	154.68260	-.19239	-.09164	.09922	.04726	1.45291	3.23837	-.02497
1.485	-3.881	2.21663	151.98010	-.17081	-.08123	.09942	.04720	1.45471	3.24494	-.02332
1.484	-3.365	2.20889	148.64400	-.14916	-.07079	.09906	.04702	1.45606	3.24995	-.02138
1.484	-2.855	2.19732	144.59540	-.12693	-.06013	.09865	.04673	1.45699	3.25328	-.01946
1.470	-2.336	2.18057	139.47750	-.10741	-.04983	.09909	.04596	1.45886	3.26011	-.01798
1.484	-1.821	2.16369	132.97400	-.08381	-.03965	.09539	.04513	1.45846	3.25866	-.01806
1.471	-1.304	2.13697	124.72820	-.06407	-.02972	.09662	.04482	1.45989	3.26389	-.01782
1.470	-.785	2.09652	114.38390	-.04301	-.01994	.09563	.04432	1.46005	3.26448	-.01700
1.469	-.274	2.04878	101.90130	-.02189	-.01014	.09397	.04354	1.45928	3.26167	-.01691
1.470	.219	1.99580	88.27032	-.00158	-.00073	.09226	.04200	1.46048	3.26607	-.01633
1.470	1.94242	1.94242	74.12378	.01863	.00863	.09065	.04200	1.45976	3.26344	-.01658
1.470	1.89515	1.89515	61.64040	.03858	.01787	.08865	.04106	1.46064	3.26665	-.01615
GRADIENT		-.05376	-15.51418	.04154	.01962	-.00185	-.00107	.00140	.00513	.00164

(TCM053) ( 04 OCT 91 )

PARAMETRIC DATA

BETA = 2.000 PHI = 180.000

RUN NO. 1595/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
1.493	-6.939	2.22314	163.24480	-.31942	-.15226	.11025	.05256	1.46192	3.27135	-.04308
1.493	-6.426	2.22087	162.00740	-.29729	-.14133	.10976	.05218	1.46518	3.28336	-.04007
1.493	-5.914	2.21976	160.57210	-.27678	-.13134	.10984	.05212	1.46620	3.28712	-.03816
1.493	-5.410	2.21376	158.97830	-.25667	-.12138	.11029	.05216	1.46953	3.29939	-.03466
1.493	-4.904	2.21097	157.06800	-.23453	-.11067	.11028	.05204	1.47116	3.30541	-.03253
1.493	-4.395	2.20708	154.80120	-.21217	-.09991	.11097	.05225	1.47372	3.31491	-.03001
1.493	-3.887	2.20478	152.05930	-.18915	-.08891	.11100	.05217	1.47510	3.32000	-.02841
1.493	-3.373	2.19525	148.76290	-.16587	-.07786	.11088	.05205	1.47624	3.32425	-.02678
1.493	-2.863	2.18492	144.71420	-.14230	-.06671	.11031	.05171	1.47708	3.32739	-.02553
1.493	-2.350	2.17330	139.59660	-.11897	-.05577	.10917	.05118	1.47712	3.32751	-.02548
1.493	-1.832	2.15328	133.13260	-.09627	-.04509	.10853	.05083	1.47836	3.33215	-.02430
1.493	-1.314	2.12414	124.92640	-.07282	-.03410	.10775	.05046	1.47848	3.33258	-.02414
1.493	-.797	2.08650	114.58220	-.04972	-.02328	.10636	.04979	1.47863	3.33315	-.02400
1.493	-.289	2.04099	102.13930	-.02610	-.01222	.10529	.04932	1.47819	3.33150	-.02439
1.493	.202	1.99749	88.50832	-.00299	-.00140	.10325	.04834	1.47856	3.33288	-.02398
1.493	.705	1.94121	74.28258	.02023	.00947	.10113	.04733	1.47878	3.33370	-.02384
1.493	1.192	1.90395	61.87831	.04303	.02013	.09974	.04665	1.47919	3.33524	-.02340
1.493	GRADIENT	-.05064	-15.51633	.04547	.02140	-.00182	-.00091	.00105	.00391	.00124

RUN NO. 1611/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
1.516	-6.939	2.22410	163.24490	-.36433	-.17277	.12453	.05906	1.49500	3.39440	-.03390
1.516	-6.422	2.21955	162.00720	-.34033	-.16084	.12331	.05828	1.49701	3.40201	-.03051
1.516	-5.914	2.22045	160.57220	-.31785	-.14970	.12400	.05840	1.50104	3.41720	-.02684
1.516	-5.410	2.21446	158.97840	-.29020	-.13638	.12412	.05833	1.50312	3.42510	-.02452
1.516	-4.897	2.21283	157.02840	-.26243	-.12317	.12277	.05762	1.50400	3.42841	-.02327
1.516	-4.396	2.20761	154.80120	-.23622	-.11087	.12352	.05798	1.50381	3.42770	-.02338
1.516	-3.887	2.20529	152.05940	-.21511	-.10088	.12532	.05877	1.50499	3.43218	-.02253
1.516	-3.378	2.19899	148.76310	-.19053	-.08926	.12600	.05903	1.50597	3.43591	-.02140
1.516	-2.863	2.18583	144.71430	-.16386	-.07660	.12387	.05781	1.50767	3.44237	-.01923
1.516	-2.346	2.17070	139.59650	-.13548	-.06325	.12086	.05642	1.50881	3.44668	-.01784
1.517	-1.834	2.15267	133.17220	-.10670	-.04977	.11835	.05520	1.51033	3.45247	-.01667
1.516	-1.314	2.12461	124.92640	-.07858	-.03664	.11600	.05409	1.51030	3.45237	-.01631
1.517	-.799	2.09154	114.58230	-.05134	-.02393	.11536	.05377	1.51076	3.45410	-.01602
1.516	-.288	2.04171	102.13930	-.02330	-.01114	.11221	.05228	1.51073	3.45399	-.01566
1.516	.203	1.99752	88.50832	.00235	.00109	.10999	.05117	1.51222	3.45967	-.01405
1.517	.704	1.94218	74.32220	.02696	.01256	.10704	.04985	1.51162	3.45739	-.01502
1.516	1.195	1.90863	61.87822	.05130	.02390	.10489	.04887	1.51056	3.45334	-.01561
1.516	GRADIENT	-.05044	-15.51602	.05224	.02449	-.00338	-.00166	.00139	.00530	.00158

(TCM053) ( 04 OCT 91 )

IA310 (AEDC 16TF-783) PROBE CALIBRATION

PARAMETRIC DATA

BETA = 2.000 PHI = 180.000

RUN NO. 1626/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MProbe	CPM	CPTD
1.542	-6.938	2.22244	163.24470	-.34605	-.16336	.12149	.05735	1.52892	3.52373	-.02392
1.541	-6.426	2.22044	162.00730	-.31020	-.14622	.11797	.05561	1.52950	3.52598	-.02255
1.540	-5.921	2.21713	160.61170	-.27826	-.13103	.11523	.05426	1.52974	3.52692	-.02161
1.541	-5.410	2.21305	158.97830	-.24722	-.11634	.11244	.05291	1.53114	3.53230	-.02063
1.542	-4.902	2.21394	157.02850	-.21918	-.10322	.10889	.05128	1.53128	3.53287	-.02062
1.542	-4.395	2.20669	154.80120	-.19214	-.09053	.10558	.04975	1.53077	3.53089	-.02108
1.542	-3.887	2.20473	152.05930	-.16547	-.07796	.10148	.04781	1.53135	3.53311	-.02085
1.542	-3.373	2.19511	148.76280	-.14108	-.06644	.09787	.04609	1.53128	3.53285	-.02041
1.542	-2.863	2.18456	144.71420	-.11676	-.05493	.09214	.04335	1.53237	3.53707	-.01936
1.542	-2.350	2.17256	139.59650	-.09238	-.04345	.08617	.04052	1.53292	3.53919	-.01881
1.542	-1.828	2.15038	133.09280	-.06967	-.03278	.08018	.03773	1.53236	3.53283	-.01929
1.542	-1.314	2.12486	124.88680	-.05027	-.02368	.07764	.03657	1.53127	3.53385	-.01992
1.542	-.796	2.08701	114.54260	-.03204	-.01509	.07602	.03580	1.53154	3.53453	-.01963
1.542	-.288	2.04675	102.09970	-.01411	-.00664	.07399	.03393	1.53172	3.53589	-.01958
1.542	.204	1.99747	88.46867	.00240	.00113	.07209	.03207	1.53207	3.53545	-.01976
1.542	.705	1.94279	74.32219	.02005	.00943	.07041	.03114	1.53195	3.53887	-.01949
1.542	1.194	1.90318	61.83870	.03678	.01731	.06859	.03228	1.53284	.00067	.00020
GRADIENT		-.05054	-15.51673	.04159	.01959	-.00698	-.00329	.00017		



(TCM054) ( 04 OCT 91 )

## PARAMETRIC DATA

BETA = 2.500 PHI = 180.000

RUN NO. 1580/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
.600	-6.906	2.77097	159.35450	-.29489	-.05929	.12173	.02447	.57585	1.25201	-.01852
.599	-6.393	2.76290	157.91650	-.27332	-.05474	.12222	.02448	.57847	1.25450	-.01604
.599	-5.888	2.76220	156.24160	-.25250	-.05050	.12177	.02436	.58158	1.25747	-.01389
.600	-5.376	2.75692	154.32870	-.23017	-.04600	.12111	.02420	.58418	1.25997	-.01213
.599	-4.867	2.75300	152.09920	-.20860	-.04152	.12163	.02421	.58627	1.26199	-.00996
.600	-4.359	2.74727	149.51330	-.18711	-.03732	.12074	.02408	.58914	1.26479	-.00872
.600	-3.844	2.73634	146.45200	-.16635	-.03307	.12056	.02397	.59053	1.26614	-.00713
.600	-3.328	2.72393	142.79690	-.14528	-.02890	.11947	.02376	.59291	1.26848	-.00584
.600	-2.814	2.71260	138.38960	-.12390	-.02460	.11867	.02357	.59393	1.26948	-.00483
.600	-2.295	2.68740	133.11090	-.10235	-.02028	.11753	.02329	.59504	1.27057	-.00368
.600	-1.781	2.66728	126.64480	-.08011	-.01588	.11615	.02303	.59636	1.27188	-.00298
.600	-1.259	2.63255	118.83220	-.05882	-.01166	.11449	.02269	.59735	1.27286	-.00229
.601	-.743	2.58857	109.63380	-.03740	-.00742	.11224	.02227	.59813	1.27364	-.00217
.600	-.235	2.54320	99.16849	-.01702	-.00337	.11065	.02190	.59816	1.27366	-.00147
.600	.258	2.49202	88.10928	.00256	.00051	.10864	.02152	.59865	1.27416	-.00139
.600	.760	2.44180	76.69319	.02270	.00449	.10724	.02121	.59822	1.27373	-.00130
.600	1.250	2.39810	66.26723	.04229	.00836	.10589	.02094	.59862	1.27413	-.00107
GRADIENT		-.05872	-14.09777	.04113	.00818	-.00270	-.00056	.00192	.00189	.00143

RUN NO. 1471/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
.800	-6.935	2.69457	159.67000	-.28345	-.08543	.11483	.03461	.77466	1.48693	-.02531
.800	-6.421	2.68868	158.23230	-.26347	-.07912	.11417	.03429	.77768	1.49129	-.02202
.800	-5.912	2.68415	156.59680	-.24312	-.07285	.11417	.03421	.78101	1.49613	-.01915
.800	-5.407	2.67992	154.72390	-.22269	-.06649	.11406	.03405	.78330	1.49948	-.01631
.800	-4.902	2.68131	152.49490	-.20199	-.06018	.11406	.03398	.78583	1.50320	-.01395
.801	-4.395	2.67548	149.94880	-.18110	-.05390	.11348	.03377	.78872	1.50746	-.01175
.800	-3.886	2.66865	146.92760	-.16099	-.04779	.11320	.03360	.79016	1.50959	-.00986
.800	-3.379	2.65889	143.35200	-.14095	-.04177	.11240	.03331	.79179	1.51201	-.00820
.800	-2.896	2.67542	138.98590	-.12113	-.03584	.11180	.03308	.79356	1.51466	-.00657
.800	-2.354	2.63657	133.70640	-.10042	-.02967	.11086	.03276	.79466	1.51630	-.00535
.800	-1.841	2.61775	127.31970	-.07974	-.02355	.10987	.03245	.79606	1.51840	-.00429
.800	-1.332	2.59856	119.62640	-.05951	-.01754	.10863	.03202	.79620	1.51862	-.00338
.800	-.819	2.56671	110.46790	-.03954	-.01165	.10722	.03159	.79712	1.52000	-.00269
.800	-.312	2.52985	100.04230	-.01966	-.00579	.10597	.03122	.79801	1.52134	-.00219
.800	.177	2.49910	89.06236	-.00028	-.00008	.10502	.03092	.79815	1.52155	-.00177
.800	.686	2.46427	77.56686	.01896	.00558	.10433	.03071	.79808	1.52144	-.00173
.800	1.179	2.43555	67.14059	.03856	.01135	.10324	.03038	.79814	1.52153	-.00164
GRADIENT		-.04161	-14.11313	.03950	.01174	-.00188	-.00062	.00195	.00291	.00199

(TCM054) ( 04 OCT 91 )

PARAMETRIC DATA

BETA = 2.500 PHI = 180.000

RUN NO. 1505/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
.897	-6.924	2.70253	159.63020	-.27285	-.09364	.11038	.03788	.87282	1.64272	-.02669
.901	-6.413	2.70223	158.15320	-.25331	-.08691	.11006	.03776	.87965	1.65470	-.02276
.900	-5.901	2.69596	156.51750	-.23382	-.07997	.10926	.03737	.88171	1.65834	-.02004
.900	-5.397	2.69587	154.60520	-.21428	-.07304	.10919	.03722	.88367	1.66180	-.01725
.899	-4.892	2.69216	152.41560	-.19433	-.06607	.10912	.03710	.88574	1.66551	-.01480
.900	-4.384	2.68465	149.86940	-.17441	-.05920	.10893	.03697	.88869	1.67078	-.01237
.900	-3.879	2.67899	146.84830	-.15497	-.05248	.10886	.03686	.89082	1.67461	-.01002
.901	-3.364	2.66658	143.23280	-.13562	-.04588	.10814	.03658	.89344	1.67935	-.00806
.900	-2.856	2.65994	138.86560	-.11626	-.03926	.10722	.03621	.89407	1.68050	-.00691
.899	-2.344	2.64610	133.58740	-.09652	-.03251	.10637	.03583	.89422	1.68075	-.00552
.900	-1.830	2.62488	127.20050	-.07656	-.02578	.10527	.03545	.89595	1.68391	-.00444
.900	-1.314	2.60033	119.42790	-.05720	-.01925	.10407	.03502	.89688	1.68561	-.00363
.900	-.805	2.56890	110.30910	-.03784	-.01272	.10283	.03457	.89749	1.68672	-.00274
.900	-.296	2.52903	99.84380	-.01906	-.00640	.10161	.03413	.89759	1.68689	-.00223
.900	.193	2.50042	88.86386	-.00067	-.00023	.10044	.03373	.89808	1.68778	-.00197
.900	.699	2.45782	77.40805	.01779	.00597	.09953	.03343	.89858	1.68870	-.00172
.900	1.191	2.42702	66.98186	.03644	.01224	.09859	.03311	.89865	1.68883	-.00158
	GRADIENT	-.04404	-14.12494	.03792	.01285	-.00189	-.00071	.00192	.00348	.00208

RUN NO. 1511/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
1.099	-6.976	2.56995	160.18240	-.24827	-.10126	.09540	.03891	1.07664	2.07353	-.02758
1.100	-6.465	2.56947	158.74530	-.23076	-.09387	.09491	.03861	1.08025	2.08257	-.02430
1.100	-5.962	2.56610	157.14980	-.21359	-.08659	.09480	.03843	1.08257	2.08841	-.02101
1.100	-5.457	2.56513	155.27730	-.19608	-.07927	.09447	.03819	1.08528	2.09526	-.01793
1.100	-4.961	2.56425	153.16750	-.17809	-.07177	.09485	.03822	1.08756	2.10101	-.01492
1.100	-4.461	2.56367	150.66160	-.16081	-.06464	.09417	.03785	1.08946	2.10586	-.01235
1.100	-3.954	2.56155	147.68050	-.14325	-.05750	.09422	.03782	1.09124	2.11039	-.01068
1.100	-3.449	2.55664	144.14490	-.12576	-.05038	.09413	.03741	1.09245	2.11347	-.00886
1.100	-2.948	2.54914	139.89670	-.10815	-.04325	.09354	.03717	1.09397	2.11736	-.00718
1.100	-2.443	2.54654	134.73810	-.09045	-.03613	.09305	.03717	1.09523	2.12057	-.00587
1.100	-1.943	2.54428	128.47090	-.07278	-.02903	.09241	.03686	1.09639	2.12355	-.00436
1.100	-1.441	2.52890	120.85710	-.05556	-.02214	.09180	.03658	1.09687	2.12479	-.00364
1.100	-.939	2.51868	111.81800	-.03830	-.01525	.09092	.03621	1.09756	2.12656	-.00282
1.100	-.442	2.50803	101.39270	-.02112	-.00841	.09076	.03611	1.09795	2.12756	-.00217
1.100	.050	2.50026	90.41289	-.00457	-.00182	.09038	.03596	1.09822	2.12827	-.00195
1.100	.562	2.49134	78.91727	.01197	.00476	.09075	.03610	1.09856	2.12915	-.00166
1.100	1.063	2.48549	68.49074	.02919	.01161	.09057	.03602	1.09835	2.12860	-.00166
	GRADIENT	-.01427	-14.16811	.03451	.01386	-.00082	-.00041	.00179	.00458	.00218

(TCM054) ( 04 OCT 91 )

IA310 (AEDC 16TF-783) PROBE CALIBRATION

PARAMETRIC DATA

BETA = 2.500 PHI = 180.000

RUN NO. 1527/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PHI	CPAQ	CPALPH	CPBO	CPBETA	MPROBE	CPM	CPTD
1.250	-6.945	2.65777	159.82750	-1.25418	-1.1185	1.0220	.04497	1.22596	2.48405	-.02882
1.250	-6.431	2.65829	158.35060	-2.3659	-1.0374	1.0126	.04440	1.22907	2.49334	-.02511
1.250	-5.924	2.65547	156.71530	-2.1895	-.09566	1.0069	.04399	1.23248	2.50357	-.02128
1.250	-5.417	2.65095	154.84240	-2.0098	-.08753	1.0035	.04370	1.23498	2.51111	-.01811
1.249	-4.916	2.65071	152.65300	-1.8211	-.07910	.09991	.04339	1.23664	2.51613	-.01550
1.250	-4.408	2.64439	150.10700	-1.6343	-.07085	.09945	.04312	1.23842	2.52152	-.01359
1.250	-3.898	2.63826	147.08580	-1.4501	-.06278	.09952	.04308	1.24005	2.52644	-.01198
1.250	-3.391	2.63397	143.47090	-1.2685	-.05481	.09943	.04296	1.24158	2.53108	-.01006
1.250	-2.882	2.62341	139.14310	-1.0880	-.04692	.09901	.04270	1.24324	2.53614	-.00811
1.250	-2.372	2.61124	133.90480	-.09067	-.03905	.09793	.04217	1.24482	2.54095	-.00659
1.250	-1.868	2.59984	127.55800	-.07236	-.03114	.09683	.04167	1.24625	2.54531	-.00581
1.250	-1.356	2.57863	119.86470	-.05467	-.02349	.09592	.04121	1.24680	2.54956	-.00435
1.250	-.848	2.55425	110.74600	-.03670	-.01575	.09497	.04077	1.24740	2.54956	-.00358
1.250	-.343	2.52680	100.32050	-.00227	-.00097	.09339	.04006	1.24765	2.54882	-.00307
1.250	.146	2.49596	89.34056	.01520	.00652	.09310	.03993	1.24727	2.54841	-.00272
1.250	.654	2.46684	77.84506	.03287	.01409	.09233	.03959	1.24760	2.54942	-.00242
1.250	1.149	2.44374	67.41876	.03536	.01532	-.00138	-.00069	.00181	.00550	.00219
1.250	GRADIENT	-.03461	-14.14533							

RUN NO. 1544/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PHI	CPAQ	CPALPH	CPBO	CPBETA	MPROBE	CPM	CPTD
1.400	-6.953	2.64683	159.86710	-.28211	-1.13070	1.1383	.05274	1.37418	2.95981	-.02979
1.400	-6.436	2.64206	158.42940	-.26227	-.12113	1.1364	.05249	1.37725	2.97036	-.02647
1.400	-5.929	2.63973	156.79420	-.24258	-.11163	1.1290	.05195	1.38029	2.98080	-.02278
1.400	-5.422	2.63603	154.92140	-.22237	-.10203	1.1202	.05140	1.38240	2.98809	-.01991
1.400	-4.918	2.63421	152.73190	-.20234	-.09260	1.1133	.05095	1.38529	2.99806	-.01711
1.400	-4.416	2.62871	150.22570	-.18299	-.08352	1.1157	.05092	1.38739	3.00533	-.01437
1.400	-3.911	2.62585	147.20480	-.16268	-.07410	1.1201	.05102	1.38918	3.01155	-.01236
1.400	-3.406	2.62092	143.62950	-.14254	-.06476	1.1112	.05049	1.39168	3.02020	-.00973
1.400	-2.893	2.60994	139.30170	-.12206	-.05537	1.1066	.05020	1.39430	3.02453	-.00819
1.400	-2.387	2.60389	134.06360	-.10161	-.04603	1.0947	.04959	1.39430	3.02932	-.00671
1.400	-1.880	2.59185	127.71680	-.08145	-.03685	1.0834	.04901	1.39507	3.03201	-.00550
1.400	-1.366	2.56866	120.02340	-.06136	-.02774	1.0669	.04824	1.39564	3.03403	-.00491
1.400	-.863	2.55042	110.94450	-.04159	-.01879	1.0546	.04765	1.39581	3.03459	-.00432
1.400	-.359	2.52544	100.55860	-.02203	-.00995	1.0488	.04738	1.39624	3.03611	-.00407
1.399	.132	2.49784	89.53908	-.00316	-.00143	1.0381	.04686	1.39651	3.03703	-.00343
1.400	.639	2.47103	78.04355	.01569	.00708	1.0330	.04663	1.39682	3.03812	-.00333
1.400	1.134	2.45088	67.61723	.03517	.01588	1.0261	.04633	1.39722	3.03950	-.00343
1.400	GRADIENT	-.03087	-14.14902	.03935	.01795	-.00172	-.00089	.00184	.00639	.00217

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(TCM054) ( 04 OCT 91 )

PARAMETRIC DATA

BETA = 2.500 PHI = 180.000

RUN NO. 1561/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
1.450	-6.907	2.74994	159.43290	-.29478	-.13848	-.12287	.05772	1.42312	3.13090	-.03039
1.450	-6.392	2.74706	157.95560	-.27437	-.12855	.12280	.05753	1.42551	3.13945	-.02766
1.450	-5.882	2.74425	156.28050	-.25425	-.11873	.12214	.05704	1.42898	3.15184	-.02416
1.450	-5.371	2.73898	154.36770	-.23241	-.10827	.12008	.05594	1.43128	3.16011	-.02164
1.450	-4.869	2.73441	152.17790	-.21083	-.09798	.12035	.05593	1.43317	3.16688	-.01921
1.450	-4.360	2.73165	149.55260	-.19094	-.08850	.12016	.05569	1.43457	3.17192	-.01672
1.450	-3.846	2.72170	146.49140	-.17069	-.07888	.12085	.05588	1.43811	3.18466	-.01355
1.450	-3.331	2.71013	142.83640	-.14944	-.06891	.12064	.05563	1.44023	3.19232	-.01131
1.450	-2.816	2.69443	138.46870	-.12757	-.05872	.11955	.05503	1.44165	3.19747	-.00943
1.450	-2.304	2.67946	133.15080	-.10568	-.04856	.11836	.05439	1.44290	3.20199	-.00786
1.450	-1.784	2.65298	126.68440	-.08387	-.03852	.11682	.05365	1.44343	3.20389	-.00726
1.449	-1.267	2.61981	118.91160	-.06284	-.02885	.11450	.05256	1.44317	3.20297	-.00684
1.451	-.755	2.58509	109.71350	-.04159	-.01909	.11294	.05183	1.44497	3.20947	-.00631
1.450	-.246	2.54043	99.24812	-.02117	-.00971	.11160	.05118	1.44521	3.21035	-.00569
1.450	.245	2.49108	88.22853	-.00124	-.00057	.11009	.05047	1.44514	3.21009	-.00545
1.450	.749	2.44306	76.77281	.01887	.00865	.10889	.04990	1.44593	3.21296	-.00497
1.450	1.238	2.40323	66.38643	.03896	.01785	.10743	.04923	1.44608	3.21350	-.00487
GRADIENT		-.05520	-14.11674	.04115	.01905	-.00238	-.00121	.00198	.00717	.00217

RUN NO. 1646/ O RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
1.470	-6.918	2.73237	159.51200	-.30136	-.14298	-.12488	.05925	1.43846	3.18593	-.04091
1.471	-6.398	2.72863	158.03460	-.28069	-.13278	.12487	.05907	1.44235	3.20001	-.03737
1.470	-5.895	2.72482	156.39930	-.25994	-.12255	.12495	.05891	1.44469	3.20847	-.03433
1.470	-5.385	2.72116	154.48660	-.23949	-.11247	.12413	.05830	1.44842	3.22203	-.03034
1.470	-4.881	2.72133	152.25750	-.21751	-.10182	.12345	.05779	1.45082	3.23074	-.02712
1.470	-4.369	2.71433	149.67150	-.19514	-.09118	.12285	.05740	1.45243	3.23663	-.02532
1.471	-3.862	2.70599	146.65020	-.17322	-.08083	.12228	.05706	1.45465	3.24472	-.02369
1.470	-3.347	2.69624	142.99520	-.15162	-.07061	.12204	.05683	1.45562	3.24828	-.02188
1.470	-2.830	2.67886	138.62740	-.12953	-.06021	.12116	.05632	1.45772	3.25594	-.01975
1.470	-2.320	2.66476	133.34920	-.10730	-.04979	.11986	.05562	1.45829	3.25805	-.01820
1.484	-1.804	2.64521	126.88310	-.08366	-.03956	.11598	.05484	1.45910	3.26101	-.01754
1.484	-1.291	2.61886	119.15000	-.06256	-.02955	.11400	.05385	1.46020	3.26504	-.01655
1.484	-.777	2.58396	109.95180	-.04150	-.01962	.11238	.05308	1.45938	3.26204	-.01740
1.470	-.267	2.53799	99.48643	-.02133	-.00988	.11305	.05237	1.45992	3.26402	-.01674
1.484	.225	2.49735	88.46681	-.00104	-.00049	.10969	.05184	1.45951	3.26250	-.01698
1.470	.728	2.45389	77.05066	.01901	.00881	.11056	.05120	1.46055	3.26630	-.01625
1.484	1.219	2.41253	66.62460	.03816	.01802	.10681	.05043	1.45982	3.26364	-.01602
GRADIENT		-.05057	-14.11645	.04208	.01965	-.00283	-.00127	.00143	.00522	.00173

(TCM054) ( 04 OCT 91 )

IA310 (AEDC 16TF-783) PROBE CALIBRATION

PARAMETRIC DATA

BETA = 2.500 PHI = 180.000

RUN NO. 1596/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
1.492	-6.926	2.72324	159.55180	-.31797	-.15165	.13330	.06358	1.46133	3.26919	-.04371
1.493	-6.404	2.71319	158.11360	-.29667	-.14112	.13233	.06295	1.46449	3.28082	-.04041
1.493	-5.902	2.70978	156.47830	-.27492	-.13055	.13186	.06261	1.46580	3.28562	-.03846
1.493	-5.392	2.70690	154.56560	-.25495	-.12068	.13307	.06299	1.46833	3.29496	-.03532
1.493	-4.888	2.70766	152.33660	-.23304	-.11003	.13318	.06288	1.47119	3.30553	-.03267
1.493	-4.378	2.69876	149.79030	-.21073	-.09930	.13381	.06305	1.47289	3.31184	-.03056
1.493	-3.865	2.69126	146.72930	-.18805	-.08846	.13381	.06295	1.47407	3.31619	-.02890
1.493	-3.357	2.68302	143.11410	-.16491	-.07742	.13340	.06263	1.47605	3.32356	-.02708
1.493	-2.844	2.67068	138.74650	-.14105	-.06614	.13245	.06211	1.47717	3.32772	-.02565
1.493	-2.331	2.65402	133.46820	-.11758	-.05508	.13197	.06183	1.47819	3.33151	-.02462
1.493	-1.818	2.63528	127.04180	-.09442	-.04416	.13073	.06114	1.47911	3.33493	-.02294
1.493	-1.301	2.60807	119.26910	-.07139	-.03338	.12967	.06062	1.47984	3.33762	-.02252
1.493	-.789	2.57412	110.11060	-.04800	-.02245	.12827	.06000	1.47925	3.33543	-.02312
1.493	-.283	2.53556	99.68494	-.02485	-.01163	.12680	.05937	1.47815	3.33134	-.02438
1.493	.208	2.49848	88.66534	-.00211	-.00098	.12560	.05874	1.47895	3.33435	-.02327
1.493	.716	2.45733	77.16988	.02079	.00972	.12382	.05792	1.47964	3.33690	-.02295
1.493	1.208	2.42383	66.78331	.04371	.02044	.12214	.05712	1.47967	3.33700	-.02275
GRADIENT		-.04701	-14.12142	.04546	.02141	-.00193	-.00099	.00126	.00466	.00146

RUN NO. 1612/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
1.517	-6.923	2.71677	159.59100	-.36215	-.17197	.15043	.07144	1.49431	3.39183	-.03475
1.517	-6.409	2.71529	158.11380	-.33985	-.16070	.15009	.07097	1.49800	3.40573	-.03045
1.516	-5.899	2.71477	156.43890	-.31677	-.14934	.15005	.07074	1.50013	3.41377	-.02750
1.516	-5.391	2.70764	154.56570	-.28901	-.13597	.15016	.07065	1.50179	3.42005	-.02539
1.516	-4.890	2.70478	152.37610	-.26162	-.12289	.14974	.07034	1.50358	3.42684	-.02391
1.517	-4.378	2.69936	149.79040	-.23527	-.11052	.14902	.07000	1.50403	3.42854	-.02366
1.517	-3.870	2.69487	146.72950	-.21222	-.09965	.15039	.07062	1.50413	3.42891	-.02329
1.516	-3.357	2.68354	143.11420	-.18855	-.08843	.15170	.07115	1.50505	3.43240	-.02205
1.517	-2.844	2.67158	138.74660	-.16282	-.07620	.15097	.07066	1.50702	3.43986	-.01997
1.516	-2.331	2.65466	133.46830	-.13522	-.06319	.14860	.06943	1.50843	3.44523	-.01835
1.516	-1.814	2.63201	127.04170	-.10711	-.04999	.14579	.06804	1.50947	3.44918	-.01714
1.517	-1.300	2.60869	119.26910	-.07961	-.03713	.14215	.06630	1.51026	3.45221	-.01652
1.516	-.788	2.57463	110.11060	-.05221	-.02434	.13874	.06468	1.51019	3.45194	-.01611
1.517	-.282	2.53593	99.68494	-.02586	-.01206	.13712	.06391	1.51089	3.45459	-.01579
1.516	.209	2.49357	88.66536	-.00068	-.00032	.13503	.06239	1.51059	3.45346	-.01571
1.517	.714	2.45324	77.20956	.02449	.01141	.13355	.06223	1.51142	3.45662	-.01546
1.517	1.209	2.42402	66.78331	.04962	.02312	.13224	.06162	1.51112	3.45548	-.01547
GRADIENT		-.04742	-14.11550	.05151	.02418	-.00343	-.00171	.00144	.00549	.00162

(TCM054) ( 04 OCT 91 )

PARAMETRIC DATA

BETA = 2.500 PHI = 180.000

RUN NO. 1627/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
1.541	-6.920	2.72005	159.55140	-.34740	-.16417	.14742	.06967	1.52744	3.51802	-.02469
1.541	-6.406	2.71867	158.07430	-.31334	-.14779	.14331	.06759	1.52961	3.52641	-.02269
1.541	-5.899	2.71341	156.43880	-.28167	-.13268	.14012	.06601	1.52992	3.52761	-.02150
1.542	-5.391	2.70651	154.56560	-.25081	-.11804	.13660	.06429	1.53216	3.53624	-.02051
1.541	-4.888	2.70705	152.33650	-.22146	-.10428	.13337	.06280	1.53065	3.53042	-.02117
1.541	-4.377	2.70085	149.75070	-.19374	-.09121	.12978	.06109	1.53090	3.53138	-.02087
1.541	-3.865	2.69051	146.72920	-.16748	-.07886	.12517	.05894	1.53093	3.53151	-.02107
1.541	-3.358	2.68179	143.11410	-.14201	-.06680	.12021	.05655	1.53158	3.53403	-.02020
1.541	-2.843	2.67132	138.70690	-.11868	-.05579	.11527	.05418	1.53253	3.53767	-.01935
1.541	-2.329	2.65499	133.42860	-.09560	-.04491	.10939	.05139	1.53331	3.54070	-.01871
1.541	-1.818	2.63495	127.04180	-.07186	-.03376	.10282	.04830	1.53269	3.53829	-.01892
1.541	-1.301	2.60782	119.26910	-.05072	-.02383	.09712	.04564	1.53272	3.53841	-.01915
1.541	-.790	2.57399	110.11060	-.03167	-.01489	.09347	.04394	1.53221	3.53643	-.01942
1.541	-.282	2.53611	99.64529	-.01343	-.00631	.09147	.04299	1.53222	3.53648	-.01930
1.541	.210	2.49338	88.62573	.00344	.00162	.08943	.04204	1.53222	3.53650	-.01960
1.541	.713	2.45296	77.20956	.02048	.00963	.08822	.04148	1.53255	3.53778	-.01962
1.541	1.205	2.41943	66.78340	.03807	.01789	.08620	.04051	1.53245	3.53737	-.01910
GRADIENT		-.04777	-14.12259	.04228	.01990	-.00838	-.00396	.00027	.00104	.00029

(TCM055) ( 04 OCT 91 )

PARAMETRIC DATA

BETA = 3.000 PHI = 180.000

RUN NO. 1581/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
.600	-6.892	3.26653	155.85930	-.29445	-.05927	.14318	.02882	-.57457	1.25080	-.01953
.599	-6.376	3.25822	154.22100	-.27314	-.05482	.14266	.02863	-.57719	1.25328	-.01728
.600	-5.870	3.25093	152.38510	-.25139	-.05036	.14266	.02858	-.57933	1.25589	-.01523
.600	-5.357	3.24750	150.23260	-.22895	-.04581	.14245	.02850	-.58361	1.25942	-.01276
.599	-4.847	3.23982	147.80280	-.20790	-.04146	.14216	.02835	-.58503	1.26080	-.01114
.600	-4.334	3.23153	144.97700	-.18563	-.03697	.14208	.02830	-.58759	1.26327	-.00931
.600	-3.827	3.22405	141.71600	-.16502	-.03286	.14036	.02795	-.59001	1.26563	-.00782
.600	-3.307	3.20853	137.86040	-.14481	-.02877	.14054	.02792	-.59096	1.26656	-.00672
.600	-2.794	3.19315	133.37180	-.12330	-.02451	.13971	.02777	-.59343	1.26898	-.00533
.600	-2.279	3.17171	128.09110	-.10174	-.02020	.13848	.02750	-.59474	1.27028	-.00433
.600	-1.762	3.14481	121.89980	-.07984	-.01586	.13666	.02714	-.59551	1.27104	-.00389
.600	-1.250	3.11665	114.71880	-.05922	-.01173	.13500	.02674	-.59629	1.27181	-.00284
.600	-.737	3.08271	106.54780	-.03735	-.00740	.13390	.02654	-.59710	1.27261	-.00245
.600	-.232	3.04250	97.62459	-.01657	-.00328	.13185	.02612	-.59763	1.27295	-.00215
.600	.262	2.99568	88.34517	.00292	.00058	.13021	.02579	-.59763	1.27314	-.00197
.600	.766	2.94996	78.78821	.02384	.00472	.12897	.02554	-.59796	1.27347	-.00176
.600	1.258	2.91289	69.86497	.04332	.00858	.12740	.02523	-.59814	1.27365	-.00163
GRADIENT		-.05438	-12.90666	.04120	.00820	-.00254	-.00054	.00204	.00201	.00150

RUN NO. 1472/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
.800	-6.927	3.19132	156.17520	-.28298	-.08531	.13553	.04086	.77336	1.48506	-.02620
.800	-6.405	3.18290	154.53690	-.26335	-.07916	.13438	.04039	.77683	1.49006	-.02291
.800	-5.903	3.18035	152.70160	-.24318	-.07290	.13452	.04033	.77979	1.49435	-.02004
.800	-5.395	3.17191	150.62830	-.22231	-.06648	.13411	.04010	.78266	1.49855	-.01732
.800	-4.889	3.17012	148.19900	-.20165	-.06016	.13402	.03999	.78531	1.50243	-.01480
.800	-4.380	3.16808	145.37370	-.18048	-.05367	.13376	.03978	.78705	1.50499	-.01246
.800	-3.871	3.15856	142.15230	-.16059	-.04770	.13299	.03950	.78946	1.50856	-.01054
.800	-3.364	3.14951	138.37670	-.14044	-.04163	.13235	.03923	.79098	1.51081	-.00880
.800	-2.854	3.13773	133.92790	-.12048	-.03567	.13186	.03904	.79280	1.51352	-.00725
.800	-2.345	3.12523	128.68730	-.09981	-.02950	.13104	.03873	.79383	1.51507	-.00594
.800	-1.832	3.10515	122.53590	-.07950	-.02348	.13005	.03841	.79511	1.51698	-.00490
.800	-1.323	3.08561	115.39470	-.05934	-.01751	.12898	.03805	.79598	1.51828	-.00395
.800	-.812	3.05657	107.26350	-.03900	-.01150	.12783	.03769	.79670	1.51936	-.00325
.800	-.308	3.02794	98.34045	-.01956	-.00576	.12679	.03735	.79731	1.52028	-.00257
.800	.181	2.99931	89.14038	-.00001	-.00000	.12568	.03701	.79767	1.52082	-.00234
.800	.689	2.97205	79.54356	.01969	.00580	.12458	.03669	.79792	1.52120	-.00210
.800	1.185	2.94205	70.58055	.03924	.01155	.12396	.03649	.79774	1.52093	-.00197
GRADIENT		-.03846	-12.92658	.03960	.01177	-.00176	-.00060	.00207	.00309	.00206

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(TCM055) ( 04 OCT 91 )

PARAMETRIC DATA

BETA = 3.000 PHI = 180.000

RUN NO. 1506/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
.899	-6.916	3.19886	156.13530	-.27179	-.09355	.12957	.04460	.87429	1.64528	-.02734
.900	-6.396	3.19609	154.45770	-.25229	-.08664	.12981	.04458	.87761	1.65110	-.02434
.900	-5.892	3.19184	152.62220	-.23355	-.07993	.12895	.04413	.88039	1.65600	-.02108
.900	-5.389	3.19063	150.50980	-.21348	-.07286	.12923	.04411	.88319	1.66096	-.01818
.900	-4.879	3.18097	148.11960	-.19384	-.06602	.12859	.04379	.88596	1.66589	-.01555
.900	-4.369	3.17747	145.29430	-.17375	-.05904	.12799	.04349	.88823	1.66995	-.01315
.900	-3.863	3.16912	142.07290	-.15458	-.05239	.12756	.04323	.88965	1.67251	-.01107
.900	-3.353	3.16047	138.25760	-.13495	-.04565	.12692	.04293	.89157	1.67596	-.00909
.900	-2.841	3.14640	133.80870	-.11571	-.03908	.12622	.04263	.89291	1.67839	-.00756
.900	-2.331	3.13136	128.56810	-.09590	-.03235	.12544	.04231	.89430	1.68091	-.00618
.900	-1.818	3.11421	122.37710	-.07631	-.02572	.12431	.04189	.89551	1.68311	-.00505
.900	-1.308	3.08601	115.27540	-.05688	-.01915	.12327	.04150	.89606	1.68410	-.00426
.900	-.801	3.06410	107.14430	-.03749	-.01261	.12212	.04109	.89693	1.68569	-.00352
.900	-.294	3.03316	98.18152	-.01864	-.00627	.12103	.04069	.89768	1.68707	-.00271
.900	.197	2.99680	88.98140	-.00011	-.00004	.12007	.04034	.89766	1.68703	-.00236
.900	.703	2.96190	79.38472	.01852	.00622	.11911	.04002	.89814	1.68790	-.00213
.900	1.196	2.93102	70.46143	.03748	.01259	.11836	.03975	.89793	1.68752	-.00204
GRADIENT		-.04175	-12.92911	.03803	.01291	-.00177	-.00069	.00197	.00356	.00217

RUN NO. 1512/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
1.099	-6.970	3.07074	156.64850	-.24749	-.10102	.11363	.04638	1.07581	2.07147	-.02846
1.099	-6.460	3.06535	155.05060	-.23055	-.09384	.11297	.04598	1.07880	2.07894	-.02527
1.100	-5.957	3.06668	153.21570	-.21365	-.08673	.11214	.04552	1.08175	2.08635	-.02221
1.100	-5.457	3.06700	151.14320	-.19601	-.07931	.11199	.04531	1.08467	2.09371	-.01882
1.100	-4.955	3.06273	148.79340	-.17853	-.07203	.11180	.04511	1.08688	2.09930	-.01603
1.100	-4.453	3.05679	146.08710	-.16028	-.06451	.11173	.04497	1.08898	2.10463	-.01343
1.100	-3.953	3.06100	142.86670	-.14290	-.05738	.11177	.04488	1.09015	2.10761	-.01145
1.100	-3.447	3.05178	139.17060	-.12572	-.05040	.11133	.04463	1.09223	2.11291	-.00948
1.100	-2.945	3.05140	134.76210	-.10811	-.04326	.11084	.04436	1.09352	2.11620	-.00776
1.100	-2.439	3.04347	129.60110	-.08997	-.03596	.11077	.04421	1.09441	2.11849	-.00649
1.100	-1.939	3.03428	123.56920	-.07284	-.02908	.11014	.04397	1.09609	2.12279	-.00510
1.100	-1.436	3.02296	116.46800	-.05546	-.02212	.10912	.04352	1.09640	2.12357	-.00430
1.100	-.934	3.01749	108.37690	-.03786	-.01509	.10870	.04332	1.09724	2.12574	-.00344
1.100	-.441	3.01203	99.49379	-.02106	-.00839	.10823	.04310	1.09751	2.12644	-.00289
1.100	.057	3.00234	90.29376	-.00398	-.00159	.10817	.04306	1.09801	2.12773	-.00244
1.100	.567	2.99593	80.69685	.01276	.00508	.10805	.04300	1.09805	2.12783	-.00221
1.100	1.063	2.98374	71.81290	.02992	.01190	.10809	.04301	1.09807	2.12788	-.00202
GRADIENT		-.01331	-12.96612	.03462	.01392	-.00077	-.00041	.00185	.00474	.00227



(TCM055) ( 04 OCT 91 )

PARAMETRIC DATA

BETA = 3.000 PHI = 180.000

RUN NO. 1528/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
1.250	-6.939	3.15910	156.29340	-.25423	-.11198	.11945	.05261	1.22510	2.48146	-.02982
1.250	-6.420	3.15290	154.65540	-.23620	-.10369	.11919	.05232	1.22819	2.49071	-.02625
1.250	-5.915	3.14989	152.82000	-.21850	-.09559	.11891	.05202	1.23131	2.50005	-.02265
1.250	-5.409	3.14302	150.74690	-.20070	-.08749	.11887	.05182	1.23381	2.50759	-.01917
1.250	-4.902	3.14044	148.31760	-.18216	-.07922	.11822	.05142	1.23616	2.51466	-.01669
1.250	-4.394	3.13488	145.53190	-.16333	-.07083	.11739	.05091	1.23819	2.52081	-.01393
1.250	-3.887	3.13025	142.27110	-.14447	-.06258	.11701	.05069	1.23940	2.52447	-.01268
1.250	-3.383	3.12395	138.49570	-.12656	-.05475	.11655	.05042	1.24081	2.52876	-.01127
1.250	-2.875	3.11599	134.04720	-.10841	-.04681	.11621	.05017	1.24255	2.53405	-.00920
1.250	-2.361	3.09974	128.80650	-.09028	-.03890	.11580	.04989	1.24365	2.53737	-.00726
1.250	-1.858	3.08657	122.73470	-.07215	-.03106	.11490	.04946	1.24499	2.54147	-.00623
1.250	-1.350	3.06805	115.63330	-.05442	-.02341	.11352	.04883	1.24554	2.54314	-.00539
1.250	-.843	3.04700	107.50230	-.03631	-.01560	.11269	.04842	1.24612	2.54490	-.00442
1.250	-.340	3.02720	98.57930	-.01889	-.00811	.11167	.04797	1.24660	2.54638	-.00411
1.250	.150	3.00348	89.37917	-.00182	-.00078	.11117	.04772	1.24715	2.54805	-.00345
1.250	.659	2.97573	79.78238	.01577	.00676	.11049	.04741	1.24722	2.54825	-.00303
1.250	1.155	2.95153	70.85893	.03338	.01432	.10986	.04715	1.24712	2.54798	-.00326
GRADIENT		-.03147	-12.94500	.03548	.01538	-.00143	-.00073	.00183	.00557	.00223

RUN NO. 1545/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
1.400	-6.942	3.14687	156.33280	-.28147	-.13052	.13448	.06236	1.37345	2.95733	-.03071
1.400	-6.424	3.14081	154.69480	-.26159	-.12095	.13417	.06203	1.37639	2.96741	-.02757
1.400	-5.921	3.13451	152.89900	-.24208	-.11152	.13324	.06137	1.37962	2.97852	-.02377
1.400	-5.413	3.13253	150.78650	-.22216	-.10204	.13249	.06086	1.38188	2.98630	-.02089
1.400	-4.913	3.13020	148.39710	-.20196	-.09254	.13175	.06037	1.38389	2.99323	-.01845
1.400	-4.405	3.12589	145.61140	-.18199	-.08313	.13116	.05991	1.38668	3.00286	-.01528
1.400	-3.900	3.11987	142.39030	-.16230	-.07399	.13100	.05972	1.38866	3.00972	-.01314
1.400	-3.392	3.11173	138.61470	-.14238	-.06475	.13076	.05946	1.39096	3.01772	-.01063
1.399	-2.885	3.10528	134.16630	-.12186	-.05531	.13035	.05917	1.39138	3.01918	-.00906
1.400	-2.377	3.09408	128.96550	-.10120	-.04588	.12969	.05880	1.39378	3.02755	-.00753
1.399	-1.869	3.07984	122.85400	-.08116	-.03674	.12827	.05806	1.39419	3.02895	-.00610
1.400	-1.363	3.06317	115.75260	-.06113	-.02765	.12710	.05749	1.39501	3.03180	-.00504
1.399	-.857	3.04405	107.66130	-.04099	-.01852	.12591	.05690	1.39546	3.03338	-.00450
1.400	-.353	3.02144	98.73827	-.02150	-.00971	.12493	.05644	1.39635	3.03650	-.00414
1.400	.135	2.99941	89.53821	-.00228	-.00103	.12378	.05592	1.39627	3.03619	-.00407
1.400	.643	2.97899	79.94138	.01701	.00768	.12331	.05567	1.39688	3.03832	-.00338
1.400	1.141	2.95654	70.97824	.03627	.01637	.12278	.05542	1.39670	3.03771	-.00333
GRADIENT		-.02917	-12.94431	.03949	.01803	-.00164	-.00088	.00200	.00696	.00237

(TCM055) ( 04 OCT 91 )

PARAMETRIC DATA

BETA = 3.000 PHI = 180.000

RUN NO. 1562/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
1.450	-6.892	3.24287	155.93740	-.29435	-.13849	.14352	.06753	1.42281	3.12980	-.03177
1.449	-6.374	3.24003	154.25990	-.27396	-.12843	.14358	.06731	1.42462	3.13628	-.02832
1.450	-5.866	3.23734	152.38470	-.25366	-.11854	.14314	.06689	1.42874	3.15098	-.02479
1.450	-5.361	3.23255	150.27190	-.23223	-.10823	.14208	.06622	1.43042	3.15700	-.02221
1.450	-4.847	3.22273	147.84190	-.21073	-.09797	.14080	.06546	1.43248	3.16439	-.01969
1.450	-4.339	3.21767	145.01650	-.18974	-.08803	.14042	.06515	1.43477	3.17266	-.01751
1.450	-3.829	3.20737	141.75530	-.16965	-.07850	.14044	.06499	1.43724	3.18154	-.01478
1.450	-3.316	3.19345	137.93970	-.14870	-.06862	.14040	.06479	1.43918	3.18855	-.01206
1.450	-2.801	3.17586	133.45090	-.12699	-.05852	.13984	.06444	1.44103	3.19521	-.01059
1.450	-2.284	3.15817	128.13080	-.10499	-.04828	.13919	.06401	1.44239	3.20014	-.00856
1.449	-1.772	3.13816	121.93980	-.08405	-.03861	.13783	.06332	1.44263	3.20102	-.00766
1.450	-1.261	3.10798	114.79840	-.06266	-.02876	.13572	.06229	1.44414	3.20647	-.00657
1.450	-.751	3.07313	106.66710	-.04097	-.01879	.13410	.06150	1.44477	3.20878	-.00585
1.449	-.241	3.03384	97.66464	-.02052	-.00941	.13249	.06076	1.44411	3.20636	-.00601
1.449	-.250	2.99374	88.42491	-.00018	-.00008	.13101	.06005	1.44476	3.20873	-.00530
1.450	.757	2.95534	78.82820	.02012	.00922	.12990	.05953	1.44534	3.21083	-.00508
1.450	1.246	2.91736	69.98433	.04027	.01845	.12888	.05904	1.44583	3.21259	-.00469
GRADIENT		-.05099	-12.92301	.04134	.01915	-.00216	-.00114	.00202	.00730	.00237

RUN NO. 1647/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
1.470	-6.903	3.22609	156.01670	-.30061	-.14276	.14651	.06958	1.43838	3.18564	-.04174
1.484	-6.386	3.22383	154.33920	-.27465	-.13256	.14383	.06942	1.44129	3.19617	-.03863
1.471	-5.881	3.21896	152.50360	-.25907	-.12228	.14666	.06922	1.44444	3.20757	-.03552
1.470	-5.369	3.21685	150.35130	-.23822	-.11199	.14656	.06890	1.44805	3.22065	-.03140
1.471	-4.862	3.20719	147.96110	-.21701	-.10167	.14565	.06824	1.45001	3.22781	-.02804
1.471	-4.350	3.20087	145.13560	-.19462	-.09102	.14363	.06717	1.45251	3.23689	-.02558
1.470	-3.845	3.19522	141.87470	-.17293	-.08077	.14277	.06668	1.45347	3.24043	-.02433
1.470	-3.331	3.17697	138.09850	-.15125	-.07053	.14210	.06626	1.45446	3.24402	-.02268
1.471	-2.817	3.16732	133.57040	-.12915	-.06010	.14169	.06594	1.45692	3.25302	-.02057
1.471	-2.306	3.14794	128.32960	-.10683	-.04966	.14073	.06543	1.45974	3.25676	-.01941
1.470	-1.791	3.12623	122.13850	-.08537	-.03961	.13917	.06458	1.45889	3.26024	-.01767
1.471	-1.281	3.10515	114.95760	-.06390	-.02962	.13777	.06385	1.46051	3.26617	-.01630
1.471	-.769	3.06798	106.82620	-.04194	-.01943	.13610	.06307	1.46091	3.26764	-.01602
1.471	-.263	3.03640	97.86349	-.02098	-.00972	.13397	.06205	1.46115	3.26853	-.01564
1.470	.228	2.99986	88.66338	-.00047	-.00022	.13264	.06140	1.46131	3.26911	-.01516
1.471	.734	2.95997	79.06667	.01980	.00916	.13196	.06105	1.46206	3.27187	-.01454
1.470	1.228	2.92903	70.14331	.04018	.01859	.13112	.06066	1.46206	3.27192	-.01449
GRADIENT		-.04659	-12.92507	.04227	.01975	-.00243	-.00126	.00197	.00721	.00223

( TCM055 ) ( 04 OCT 91 )

## PARAMETRIC DATA

BETA = 3.000 PHI = 180.000

RUN NO. 1597/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
1.493	-6.910	3.21039	156.09570	-31655	-15111	15568	.07432	1.46151	3.26985	-0.04391
1.493	-6.393	3.20890	154.41830	-29604	-14087	15504	.07377	1.46406	3.27924	-0.04085
1.493	-5.886	3.20775	152.54320	-27367	-12993	15504	.07361	1.46559	3.28485	-0.03850
1.493	-5.381	3.20490	150.43060	-25283	-11976	15565	.07373	1.46775	3.29282	-0.03612
1.493	-4.868	3.19676	148.00080	-23152	-10933	15636	.07384	1.47076	3.30396	-0.03285
1.493	-4.363	3.19104	145.21510	-20925	-09863	15590	.07348	1.47218	3.30919	-0.03103
1.494	-3.856	3.18056	141.99360	-18714	-08804	15618	.07348	1.47476	3.31875	-0.02896
1.493	-3.344	3.16997	138.17810	-16457	-07732	15605	.07331	1.47559	3.32184	-0.02751
1.493	-2.830	3.15554	133.68950	-14010	-06577	15495	.07274	1.47641	3.32488	-0.02673
1.493	-2.316	3.13968	128.40910	-11659	-05464	15430	.07232	1.47741	3.32862	-0.02503
1.493	-1.804	3.11871	122.25770	-09327	-04367	15306	.07167	1.47856	3.33287	-0.02393
1.493	-1.292	3.09429	115.07680	-07029	-03289	15186	.07106	1.47897	3.33441	-0.02347
1.493	-0.784	3.06953	106.94570	-04662	-02180	15086	.07054	1.47957	3.33665	-0.02276
1.493	-0.279	3.03478	98.02251	-02385	-01115	14917	.06973	1.47994	3.33801	-0.02238
1.493	.214	3.00070	88.78273	-00103	-00048	14793	.06915	1.47967	3.33700	-0.02248
1.493	.720	2.96356	79.22566	.02174	.01016	14618	.06834	1.48007	3.33848	-0.02247
1.493	1.213	2.93000	70.30237	.04476	.02092	14497	.06777	1.47992	3.33793	-0.02234
GRADIENT		-.04407	-12.92399	.04555	.02145	-.00196	-.00104	.00146	.00543	.00170

RUN NO. 1613/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
1.516	-6.909	3.21078	156.09570	-35895	-17064	17582	.08358	1.49273	3.38586	-0.03614
1.517	-6.393	3.20935	154.41840	-33784	-15992	17592	.08327	1.49688	3.40149	-0.03163
1.517	-5.885	3.20846	152.54330	-31376	-14808	17670	.08339	1.49942	3.41110	-0.02866
1.516	-5.383	3.20194	150.47020	-28831	-13572	17693	.08328	1.50173	3.41982	-0.02598
1.516	-4.870	3.19434	148.04040	-26119	-12271	17553	.08247	1.50324	3.42556	-0.02401
1.517	-4.359	3.18888	145.21490	-23371	-10970	17463	.08197	1.50441	3.42998	-0.02303
1.516	-3.852	3.17835	141.99340	-20943	-09830	17402	.08168	1.50427	3.42946	-0.02306
1.517	-3.344	3.17118	138.17820	-18676	-08762	17558	.08237	1.50535	3.43353	-0.02244
1.516	-2.829	3.15660	133.68950	-16152	-07571	17659	.08277	1.50556	3.43434	-0.02160
1.517	-2.315	3.14071	128.40920	-13421	-06281	17539	.08209	1.50735	3.44114	-0.02002
1.516	-1.806	3.11813	122.29740	-10740	-05020	17281	.08078	1.50764	3.44224	-0.01886
1.517	-1.293	3.09425	115.11640	-08063	-03764	17036	.07954	1.50963	3.44979	-0.01753
1.517	-0.785	3.06965	106.98540	-05360	-02501	16812	.07844	1.51046	3.45296	-0.01674
1.517	-0.278	3.03554	98.02251	-02721	-01269	16506	.07697	1.51068	3.45379	-0.01623
1.516	.215	2.99594	88.78273	-00170	-00079	16375	.07627	1.51143	3.45665	-0.01515
1.516	.720	2.96378	79.22566	.02384	.01110	16272	.07580	1.51073	3.45399	-0.01539
1.516	1.214	2.93013	70.30235	.05026	.02345	16280	.07596	1.50358	3.44961	-0.01697
GRADIENT		-.04394	-12.92765	.05121	.02403	-.00249	-.00129	.00137	.00520	.00155

(TCM055) ( 04 OCT 91 )

PARAMETRIC DATA

BETA = 3.000 PHI = 180.000

RUN NO. 1582/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
1.541	-6.907	3.21425	156.05620	-35281	-16673	.17398	.08222	1.52763	3.51877	-.02461
1.542	-6.393	3.20822	154.41820	-31634	-14941	.16892	.07978	1.52892	3.52373	-.02332
1.542	-5.885	3.20718	152.54320	-28405	-13403	.16537	.07803	1.52957	3.52624	-.02233
1.542	-5.377	3.20166	150.43030	-25341	-11936	.16182	.07622	1.53176	3.53469	-.02041
1.542	-4.872	3.19919	148.00100	-22416	-10549	.15827	.07449	1.53195	3.53544	-.02025
1.542	-4.359	3.18727	145.21480	-19642	-09252	.15343	.07227	1.53117	3.53245	-.02061
1.542	-3.854	3.18269	141.95390	-17064	-08031	.14904	.07015	1.53175	3.53466	-.02040
1.541	-3.342	3.17158	138.13850	-14445	-06799	.14346	.06752	1.53138	3.53322	-.02051
1.541	-2.828	3.15687	133.64990	-11997	-05644	.13853	.06517	1.53186	3.53509	-.02003
1.542	-2.316	3.13952	128.40910	-09684	-04556	.13400	.06304	1.53229	3.53677	-.01951
1.542	-1.804	3.11832	122.25770	-07366	-03464	.12819	.06029	1.53282	3.53884	-.01906
1.542	-1.294	3.09905	115.07690	-05177	-02434	.12186	.05729	1.53284	3.53888	-.01876
1.542	-.785	3.06380	106.98530	-03095	-01455	.11619	.05461	1.53311	3.53992	-.01851
1.542	-.279	3.03501	98.02251	-01215	-00571	.11245	.05282	1.53380	3.54260	-.01762
1.542	.213	3.00076	88.78273	.00532	.00250	.10974	.05159	1.53338	3.54100	-.01819
1.542	.721	2.96330	79.18600	.02377	.01117	.10850	.05099	1.53398	3.54328	-.01798
1.542	1.214	2.92935	70.26273	.04302	.02022	.10740	.05047	1.53366	3.54208	-.01807
GRADIENT		-.04432	-12.92421	.04356	.02050	-.00906	-.00428	.00045	.00172	.00051

IA310 (AEDC 16TF-783) PROBE CALIBRATION (TCM056) ( 04 OCT 91 )

PARAMETRIC DATA

BETA = 4.000 PHI = 180.000

RUN NO. 1582/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
.599	-6.858	4.24949	149.42250	-29281	-.05896	.18600	.03746	.57177	1.24816	-.02128
.600	-5.832	4.22800	145.38480	-24992	-.05016	.18533	.03719	.57766	1.25373	-.01700
.599	-4.815	4.21418	140.27920	-20749	-.04145	.18450	.03686	.58322	1.25905	-.01260
.600	-3.790	4.19202	133.78740	-16363	-.03264	.18218	.03634	.58774	1.26342	-.00956
.600	-2.771	4.16277	125.55390	-12133	-.02414	.18025	.03586	.59080	1.26641	-.00715
.600	-1.750	4.11176	115.22160	-07930	-.01575	.17817	.03539	.59385	1.26940	-.00494
.601	-.733	4.05734	102.63280	-.03728	-.00742	.17503	.03482	.59544	1.27097	-.00437
.600	.280	3.99131	88.49973	.00484	.00096	.17291	.03429	.59597	1.27149	-.00328
.600	1.262	3.93608	74.68442	.04508	.00894	.17128	.03395	.59634	1.27186	-.00295
GRADIENT		-.04718	-10.91513	.04149	.00827	-.00223	-.00049	.00213	.00209	.00156

IA310 (AEDC 16TF-783) PROBE CALIBRATION (TCM056) ( 04 OCT 91 )

## PARAMETRIC DATA

BETA = 4.000 PHI = 180.000

MACH	ALPHA	BETA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
.800	-6.904	4.17736	149.73940	-.28170	-.08516	.17733	.05361	.77095	1.48160	-.02876
.800	-5.875	4.16506	145.66280	-.20186	-.07269	.17607	.05292	.77703	1.49035	-.02275
.800	-4.859	4.15261	140.59720	-.24121	-.06014	.17497	.05229	.78246	1.49824	-.01721
.800	-3.846	4.13470	134.18550	-.15966	-.04754	.17280	.05146	.78735	1.50543	-.01281
.800	-2.835	4.11042	126.03180	-.11891	-.03529	.17147	.05089	.79093	1.51074	-.00931
.800	-1.818	4.08163	115.66070	-.07922	-.02343	.16998	.05026	.79289	1.51365	-.00668
.800	-.812	4.04518	103.19130	-.03838	-.01134	.16801	.04963	.79518	1.51707	-.00496
.800	.202	3.99852	89.05830	.00127	.00037	.16624	.04908	.79611	1.51848	-.00410
.799	1.188	3.95684	75.20305	.04047	.01192	.16523	.04868	.79592	1.51819	-.00342
GRADIENT		-.03272	-10.94020	.03990	.01189	-.00162	-.00060	.00220	.00327	.00224

GRADIENT INTERVAL = -5.00/ 5.00

GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
.900	-6.891	4.18953	149.65990	-.27030	-.09333	.17023	.05877	.87188	1.64109	-.03025
.900	-5.863	4.17680	145.58340	-.23231	-.07972	.16882	.05793	.87783	1.65149	-.02387
.900	-4.846	4.16069	140.51750	-.19349	-.06604	.16723	.05708	.88330	1.66115	-.01812
.900	-3.833	4.14211	134.10570	-.15365	-.05217	.16574	.05628	.88746	1.66858	-.01324
.900	-2.821	4.12014	125.91250	-.11422	-.03867	.16448	.05568	.89118	1.67526	-.00969
.900	-1.801	4.08190	115.54110	-.07590	-.02562	.16270	.05492	.89347	1.67941	-.00694
.900	-.793	4.04097	103.03200	-.03687	-.01243	.16122	.05434	.89547	1.68304	-.00513
.900	.217	3.99411	88.93874	.00111	.00037	.15918	.05357	.89598	1.68396	-.00410
.900	1.202	3.94918	75.08360	.03893	.01310	.15836	.05328	.89654	1.68498	-.00368
GRADIENT		-.03570	-10.94315	.03835	.01304	-.00152	-.00064	.00216	.00390	.00234

GRADIENT INTERVAL = -5.00/ 5.00

GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
1.099	-6.963	4.06395	150.17460	-.24668	-.10098	.14990	.06137	1.07370	2.06620	-.03131
1.100	-5.943	4.05362	146.17820	-.21262	-.08654	.14858	.06048	1.08011	2.08223	-.02474
1.100	-4.938	4.05366	141.15370	-.17820	-.07212	.14739	.05965	1.08464	2.09362	-.01900
1.100	-3.933	4.04638	134.82240	-.14252	-.05739	.14633	.05892	1.08863	2.10373	-.01394
1.100	-2.944	4.02605	126.74860	-.10771	-.04321	.14536	.05831	1.09187	2.11199	-.01010
1.100	-1.930	4.02363	116.33910	-.07314	-.02926	.14513	.05805	1.09385	2.11704	-.00735
1.100	-.922	4.01772	103.87050	-.03713	-.01482	.14440	.05765	1.09539	2.12100	-.00537
1.100	.079	4.00208	89.93613	-.00246	-.00098	.14385	.05735	1.09649	2.12380	-.00399
1.100	1.069	3.99352	76.12022	.03136	.01250	.14382	.05730	1.09657	2.12402	-.00359
GRADIENT		-.00988	-10.96429	.03489	.01408	-.00059	-.00039	.00196	.00500	.00252

GRADIENT INTERVAL = -5.00/ 5.00

(TCM056) ( 04 OCT 91 )

IA310 (AEDC 16TF-783) PROBE CALIBRATION

PARAMETRIC DATA

BETA = 4.000 PHI = 180.000

RUN NO. 1529/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
1.250	-6.921	4.15057	149.81850	-.25298	-.11178	.15737	.06953	1.22244	2.47356	-.03305
1.250	-5.887	4.13643	145.74180	-.21754	-.09546	.15631	.06859	1.22860	2.49194	-.02586
1.250	-4.877	4.12155	140.71600	-.18153	-.07918	.15513	.06766	1.23419	2.50873	-.01949
1.250	-3.862	4.10816	134.26490	-.14470	-.06281	.15303	.06642	1.23826	2.52102	-.01453
1.250	-2.853	4.09302	126.07210	-.10772	-.04660	.15159	.06559	1.24004	2.52642	-.01151
1.250	-1.843	4.06620	115.78070	-.07202	-.03109	.15030	.06488	1.24283	2.53488	-.00894
1.250	-.837	4.03350	103.31150	-.03595	-.01548	.14924	.06426	1.24457	2.54020	-.00654
1.250	.174	3.99799	89.21825	-.00005	-.00002	.14807	.06370	1.24484	2.54100	-.00573
1.250	1.160	3.96431	75.40262	.03473	.01494	.14740	.06339	1.24539	2.54268	-.00530
GRADIENT		-.02664	-10.94761	.03582	.01557	-.00126	-.00070	.00182	.00552	.00231

RUN NO. 1546/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
1.400	-6.928	4.13482	149.89760	-.28036	-.13050	.17452	.08123	1.37042	2.94694	-.03453
1.400	-5.895	4.12286	145.82120	-.24103	-.11138	.17446	.08061	1.37672	2.96852	-.02701
1.400	-4.882	4.11271	140.75590	-.20113	-.09238	.17222	.07910	1.38206	2.98692	-.02082
1.400	-3.875	4.09459	134.38410	-.16110	-.07365	.17038	.07790	1.38615	3.00105	-.01610
1.400	-2.864	4.08467	126.15190	-.12110	-.05511	.17014	.07743	1.39001	3.01443	-.01145
1.400	-1.855	4.05479	115.90010	-.08125	-.03686	.16869	.07653	1.39290	3.02447	-.00828
1.400	-.853	4.02972	103.43110	-.04062	-.01840	.16697	.07563	1.39421	3.02902	-.00669
1.400	.157	3.99795	89.33786	-.00060	-.00027	.16563	.07490	1.39556	3.03373	-.00510
1.400	1.146	3.97251	75.48241	.03786	.01712	.16467	.07444	1.39647	3.03690	-.00463
GRADIENT		-.02375	-10.95767	.03972	.01818	-.00125	-.00077	.00235	.00817	.00268

RUN NO. 1563/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
1.449	-6.869	4.23005	149.50120	-.29277	-.13806	.18683	.08810	1.41951	3.11807	-.03436
1.450	-5.830	4.21365	145.38440	-.25176	-.11800	.18623	.08729	1.42526	3.13857	-.02804
1.450	-4.814	4.19999	140.27890	-.20995	-.09780	.18344	.08545	1.43066	3.15787	-.02168
1.450	-3.794	4.17772	133.78730	-.16769	-.07783	.18022	.08365	1.43389	3.16948	-.01800
1.450	-2.776	4.14619	125.55380	-.12525	-.05789	.18040	.08337	1.43852	3.18615	-.01350
1.450	-1.752	4.10800	115.14270	-.08358	-.03849	.17936	.08259	1.44150	3.19692	-.00983
1.450	-.738	4.05450	102.59360	-.04050	-.01860	.17698	.08128	1.44329	3.20340	-.00730
1.450	.272	3.98858	88.50029	.00150	.00069	.17509	.08034	1.44420	3.20669	-.00638
1.450	1.252	3.93746	74.72466	.04214	.01932	.17324	.07944	1.44537	3.21095	-.00560
GRADIENT		-.04429	-10.92698	.04157	.01931	-.00156	-.00094	.00245	.00886	.00274

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(TCM056) ( 04 OCT 91 )

PARAMETRIC DATA

BETA = 4.000 PHI = 180.000

RUN NO. 1648/ O RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
1.470	-6.879	4.21094	149.58040	-30047	-14300	19030	.09056	1.43652	3.17895	-.04381
1.471	-5.845	4.20001	145.46410	-25743	-12182	19013	.08997	1.44217	3.19935	-.03780
1.471	-4.825	4.18551	140.35850	-21539	-10129	18814	.08847	1.44771	3.21942	-.03136
1.484	-3.808	4.16357	133.90680	-16955	-08081	18220	.08684	1.45217	3.23567	-.02568
1.470	-2.795	4.13864	125.67360	-12861	-05994	18340	.08548	1.45534	3.24724	-.02228
1.470	-1.774	4.09765	115.30210	-08559	-03980	18152	.08441	1.45721	3.25409	-.01998
1.470	-.761	4.04956	102.75310	-04219	-01956	17957	.08328	1.45876	3.25975	-.01785
1.470	.249	3.99444	88.65981	.00054	.00025	17729	.08210	1.46048	3.26606	-.01628
1.470	1.237	3.94701	74.80463	.04139	.01916	17586	.08140	1.46104	3.26811	-.01577
GRADIENT		-.04031	-10.93783	.04224	.01990	-.00178	-.00116	.00212	.00775	.00247

RUN NO. 1598/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
1.493	-6.884	4.20034	149.62010	-31433	-15039	19894	.09518	1.45914	3.26115	-.04632
1.493	-5.854	4.18525	145.54340	-27241	-12953	20030	.09524	1.46474	3.28173	-.03982
1.493	-4.840	4.17575	140.43820	-22832	-10809	19895	.09419	1.46860	3.29596	-.03560
1.493	-3.819	4.15193	133.98630	-18550	-08741	19954	.09403	1.47309	3.31258	-.03072
1.493	-2.807	4.13026	125.75330	-13908	-06534	19936	.09366	1.47580	3.32262	-.02757
1.493	-1.787	4.09201	115.38190	-09292	-04356	19729	.09249	1.47769	3.32964	-.02541
1.493	-.776	4.04661	102.87270	-04598	-02152	19528	.09140	1.47864	3.33318	-.02381
1.493	.235	3.99521	88.77942	.00056	.00026	19285	.09023	1.47896	3.33436	-.02326
1.493	1.224	3.95112	74.92418	.04523	.02116	19100	.08933	1.47960	3.33676	-.02294
GRADIENT		-.03779	-10.93195	.04539	.02142	-.00146	-.00086	.00168	.00624	.00200

RUN NO. 1614/ O RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
1.516	-6.883	4.20008	149.62010	-35361	-16875	22456	.10716	1.48912	3.37232	-.04018
1.516	-5.854	4.18588	145.54340	-30958	-14655	22748	.10769	1.49630	3.39931	-.03181
1.517	-4.835	4.17332	140.43800	-26048	-12272	22587	.10641	1.50130	3.41821	-.02677
1.516	-3.821	4.15747	133.98660	-20757	-09738	22321	.10472	1.50462	3.43077	-.02255
1.517	-2.808	4.12953	125.79300	-15560	-07297	22171	.10398	1.50540	3.43372	-.02258
1.516	-1.787	4.09169	115.42160	-10655	-04994	22355	.10478	1.50563	3.43459	-.02149
1.517	-.777	4.04643	102.91240	-05451	-02551	22262	.10420	1.50739	3.44130	-.02002
1.516	.234	3.99584	88.81911	.00103	.00048	22081	.10330	1.50715	3.44039	-.01952
1.517	1.222	3.95235	74.96390	.05037	.02356	21915	.10250	1.50773	3.44257	-.01928
GRADIENT		-.03775	-10.93241	.05110	.02402	-.00085	-.00051	.00093	.00353	.00108

## IA310 (AEDC 16TF-783) PROBE CALIBRATION (TCM056) ( 04 OCT 91 )

## PARAMETRIC DATA

BETA = 4.000 PHI = 180.000

RUN NO. 1629/ O RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
1.542	-6.883	4.19924	149.62000	-.35766	-.16925	-.22646	.10716	1.52691	3.51597	-.02532
1.541	-5.851	4.18868	145.50380	-.29012	-.13685	-.21729	.10250	1.52941	3.52564	-.02266
1.541	-4.835	4.17156	140.43780	-.22979	-.10813	-.20750	.09764	1.53159	3.53407	-.02019
1.541	-3.823	4.15476	133.98650	-.17641	-.08298	-.19798	.09313	1.53194	3.53539	-.01991
1.541	-2.806	4.13013	125.75330	-.12528	-.05897	-.18734	.08818	1.53137	3.53322	-.02051
1.542	-1.788	4.09666	115.38210	-.07802	-.03670	-.17779	.08364	1.53201	3.53570	-.01996
1.541	-.777	4.05158	102.87280	-.03231	-.01519	-.17065	.08023	1.53265	3.53817	-.01929
1.541	-.238	4.00059	88.73972	.01179	.00554	.16500	.07754	1.53273	3.53846	-.01894
1.541	1.221	3.95213	74.96390	.05430	.02552	.16232	.07628	1.53240	3.53718	-.01900
GRADIENT		-.03689	-10.93480	.04667	.02196	-.00771	-.00365	.00019	.00072	.00024

## IA310 (AEDC 16TF-783) PROBE CALIBRATION

(TCM057) ( 04 OCT 91 )

## PARAMETRIC DATA

BETA = 4.000 PHI = 180.000

RUN NO. 1672/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
.599	-7.870	4.25640	152.70660	-.33570	-.06805	-.18710	.03792	.56412	1.24106	-.02733
.599	-6.844	4.24066	149.42140	-.29292	-.05895	-.18597	.03743	.57101	1.24746	-.02159
.600	-5.828	4.22444	145.38450	-.25008	-.05024	-.18513	.03719	.57779	1.25385	-.01718
.600	-4.806	4.20658	140.27850	-.20685	-.04137	-.18397	.03679	.58289	1.25873	-.01306
.600	-3.789	4.18516	133.82680	-.16318	-.03256	-.18124	.03616	.58781	1.26349	-.00961
.601	-2.768	4.15818	125.55370	-.12094	-.02411	-.17971	.03583	.59093	1.26653	-.00756
.601	-1.750	4.11105	115.22160	-.07918	-.01576	-.17749	.03532	.59420	1.26975	-.00519
.601	-.736	4.05594	102.67250	-.03697	-.00734	-.17529	.03482	.59620	1.27173	-.00356
.601	-.277	3.99078	88.53943	.00422	.00084	-.17249	.03425	.59691	1.27243	-.00304
.600	1.258	3.93134	74.72423	.04463	.00884	-.17149	.03398	.59692	1.27244	-.00254
.600	2.239	3.87647	62.25543	.08605	.01705	-.16946	.03358	.59700	1.27251	-.00250
GRADIENT		-.04880	-11.38720	.04140	.00825	-.00206	-.00046	.00195	.00191	.00147



IA310 (AEDC 16TF-783) PROBE CALIBRATION

(TCM057) ( 04 OCT 91 )

PARAMETRIC DATA

BETA = 4.000 PHI = 180.000

RUN NO. 1748/ O RN/L = 2.51 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
.800	-7.906	4.18081	152.98310	-.32334	-.09848	.17726	.05399	.76215	1.46914	-.03709
.800	-6.883	4.17124	149.69870	-.28120	-.08504	.17595	.05321	.76990	1.48010	-.02953
.799	-5.871	4.16169	145.66250	-.24188	-.07265	.17572	.05278	.77589	1.48870	-.02318
.800	-4.856	4.14890	140.59690	-.20096	-.06013	.17444	.05220	.78215	1.49779	-.01788
.800	-3.843	4.13073	134.18520	-.15976	-.04759	.17257	.05141	.78691	1.50478	-.01322
.800	-2.830	4.10788	125.99190	-.11884	-.03526	.17123	.05080	.79042	1.50999	-.00950
.800	-1.817	4.07677	115.66060	-.07896	-.02338	.16943	.05016	.79344	1.51448	-.00685
.800	-.808	4.03550	103.15150	-.03832	-.01132	.16811	.04966	.79510	1.51696	-.00497
.800	.201	3.99314	89.05832	.00124	.00037	.16596	.04898	.79630	1.51876	-.00391
.800	1.186	3.95161	75.20316	.04001	.01179	.16512	.04866	.79655	1.51913	-.00318
.800	2.172	3.91406	62.73386	.07971	.02349	.16401	.04833	.79635	1.51884	-.00326
GRADIENT		-.03462	-11.40125	.03984	.01186	-.00151	-.00055	.00198	.00294	.00203

RUN NO. 1661/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
.900	-7.899	4.19088	152.94330	-.30892	-.10757	.17057	.05940	.86428	1.62796	-.03882
.900	-6.870	4.18358	149.61920	-.26908	-.09300	.16956	.05860	.87098	1.63951	-.03129
.900	-5.859	4.17404	145.58310	-.23149	-.07945	.16888	.05797	.87718	1.65035	-.02432
.900	-4.845	4.16041	140.51740	-.19253	-.06572	.16729	.05711	.88221	1.65923	-.01879
.900	-3.830	4.13857	134.10550	-.15281	-.05191	.16578	.05631	.88705	1.66784	-.01366
.900	-2.815	4.11785	125.87260	-.11359	-.03846	.16441	.05566	.89102	1.67497	-.00980
.900	-1.801	4.08214	115.54110	-.07522	-.02541	.16265	.05494	.89375	1.67992	-.00718
.900	-.791	4.03597	103.03190	-.03641	-.01227	.16110	.05428	.89528	1.68268	-.00507
.900	.217	3.99413	88.93874	.00159	.00054	.15915	.05358	.89630	1.68455	-.00417
.900	1.202	3.94896	75.08360	.03864	.01300	.15805	.05316	.89670	1.68527	-.00346
.899	2.188	3.90872	62.61433	.07675	.02579	.15702	.05276	.89626	1.68447	-.00316
GRADIENT		-.03699	-11.39895	.03819	.01296	-.00151	-.00063	.00195	.00350	.00213

RUN NO. 1740/ O RN/L = 2.51 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
1.098	-7.920	4.10813	153.02310	-.28060	-.11580	.15120	.06240	1.06564	2.04627	-.04023
1.100	-6.942	4.05927	150.13400	-.24577	-.10082	.14906	.06115	1.07310	2.06472	-.03295
1.101	-5.939	4.05172	146.17800	-.21214	-.08647	.14885	.06067	1.07976	2.08133	-.02585
1.101	-4.931	4.04692	141.15310	-.17749	-.07191	.14771	.05984	1.08483	2.09410	-.01963
1.101	-3.931	4.04161	134.82210	-.14213	-.05729	.14650	.05905	1.08858	2.10362	-.01463
1.100	-2.939	4.02353	126.74840	-.10733	-.04308	.14566	.05847	1.09157	2.11122	-.01061
1.100	-1.922	4.02148	116.29930	-.07298	-.02921	.14509	.05806	1.09385	2.11704	-.00767
1.100	-.925	4.00596	103.91000	-.03733	-.01491	.14448	.05770	1.09553	2.12136	-.00560
1.100	.080	3.99810	89.93614	-.00267	-.00106	.14426	.05751	1.09616	2.12296	-.00410
1.100	1.066	3.98393	76.12041	.03064	.01221	.14385	.05733	1.09687	2.12479	-.00366
1.100	2.063	3.97495	63.61060	.06554	.02612	.14412	.05743	1.09703	2.12521	-.00351
GRADIENT		-.01052	-11.41795	.03470	.01398	-.00051	-.00034	.00170	.00433	.00225

(TCM057) ( 04 OCT 91 )

PARAMETRIC DATA

BETA = 4.000 PHI = 180.000

RUN NO. 1724/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
1.249	-7.925	4.14758	153.10130	-.28951	-.12907	-.15757	-.07025	1.21437	2.44962	-.04259
1.250	-6.894	4.14256	149.77750	-.25218	-.11157	-.15728	-.06958	1.22154	2.47088	-.03435
1.250	-5.883	4.13406	145.74160	-.21701	-.09531	-.15672	-.06883	1.22764	2.48906	-.02678
1.250	-4.873	4.11884	140.71570	-.18126	-.07910	-.15554	-.06788	1.23358	2.50690	-.02007
1.250	-3.862	4.10884	134.26500	-.14412	-.06259	-.15329	-.06658	1.23776	2.51952	-.01512
1.250	-2.850	4.08879	126.07190	-.10731	-.04643	-.15191	-.06573	1.24041	2.52755	-.01154
1.250	-1.841	4.06222	115.78060	-.07177	-.03097	-.15072	-.06504	1.24275	2.53466	-.00874
1.250	-.836	4.02876	103.31140	-.03575	-.01540	-.14938	-.06433	1.24442	2.53973	-.00663
1.250	-.173	3.99293	89.21826	-.00009	-.00004	-.14808	-.06368	1.24554	2.54313	-.00531
1.250	1.158	3.95994	75.40271	.03432	.01475	-.14722	-.06329	1.24603	2.54463	-.00488
1.250	2.153	3.92881	62.89348	.06954	.02989	-.14660	-.06300	1.24589	2.54422	-.00470
GRADIENT		-.02839	-11.40094	.03563	.01546	-.00125	-.00068	.00172	.00521	-.00213

RUN NO. 1716/ O RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
1.400	-6.923	4.13265	149.89730	-.27829	-.12965	-.17391	-.08102	1.37020	2.94619	-.03533
1.400	-5.895	4.12327	145.82120	-.23960	-.11082	-.17367	-.08032	1.37591	2.96576	-.02794
1.400	-4.878	4.10988	140.75570	-.19985	-.09187	-.17198	-.07906	1.38169	2.98563	-.02158
1.400	-3.872	4.09794	134.34450	-.16052	-.07341	-.16984	-.07767	1.38613	3.00096	-.01630
1.400	-2.865	4.07845	126.19130	-.12072	-.05494	-.16930	-.07705	1.38962	3.01307	-.01156
1.400	-1.852	4.05645	115.86040	-.08142	-.03693	-.16825	-.07632	1.39292	3.02453	-.00813
1.399	-.851	4.02503	103.43100	-.04110	-.01860	-.16666	-.07543	1.39423	3.02909	-.00607
1.400	1.157	3.99823	89.33786	-.00159	-.00072	-.16542	-.07476	1.39582	3.03462	-.00453
1.400	1.145	3.96750	75.48250	.03639	.01643	-.16461	-.07434	1.39662	3.03744	-.00369
1.400	2.133	3.93760	63.01294	.07579	.03423	-.16412	-.07412	1.39719	3.03940	-.00364
GRADIENT		-.02528	-11.41113	.03932	.01796	-.00112	-.00070	.00215	.00746	-.00252

RUN NO. 1706/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
1.450	-7.874	4.28198	152.51090	-.33578	-.16006	-.19145	-.09126	1.41053	3.08624	-.04551
1.450	-6.841	4.22653	149.42080	-.29310	-.13880	-.18645	-.08829	1.41634	3.10681	-.03863
1.451	-5.831	4.21435	145.38440	-.25240	-.11863	-.18649	-.08765	1.42404	3.13419	-.03062
1.450	-4.811	4.19739	140.27870	-.21100	-.09853	-.18422	-.08602	1.42879	3.15118	-.02411
1.450	-3.790	4.17443	133.78710	-.16907	-.07854	-.18168	-.08440	1.43384	3.16929	-.01874
1.450	-2.773	4.14279	125.55360	-.12675	-.05858	-.18213	-.08418	1.43756	3.18270	-.01375
1.450	-1.750	4.10373	115.14260	-.08509	-.03914	-.18152	-.08350	1.44256	3.20076	-.00883
1.450	-.740	4.04959	102.63330	-.04203	-.01928	-.17940	-.08230	1.44434	3.20721	-.00619
1.450	1.272	3.98396	88.50031	.00051	.00024	-.17713	-.08116	1.44512	3.21005	-.00496
1.450	1.254	3.93214	74.68506	.04066	.01862	-.17553	-.08036	1.44696	3.21670	-.00395
1.450	2.240	3.88722	62.25562	.08223	.03764	-.17476	-.07999	1.44711	3.21727	-.00373
GRADIENT		-.04616	-11.38634	.04162	.01930	-.00135	-.00086	.00258	.00932	-.00291

(TCM057) ( 04 OCT 91 )

IA310 (AEDC 16TF-783) PROBE CALIBRATION

PARAMETRIC DATA

BETA = 4.000 PHI = 180.000

RUN NO. 1699/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
1.469	-7.887	4.25398	152.62900	-.34758	-.16549	.19552	.09309	1.43469	3.17234	-.04616
1.469	-6.855	4.20863	149.50010	-.30471	-.14401	.19192	.09071	1.44135	3.19639	-.03844
1.470	-5.841	4.19646	145.46380	-.26359	-.12349	.19310	.09047	1.44978	3.22695	-.02924
1.469	-4.822	4.18117	140.35820	-.21933	-.10212	.18954	.08825	1.45464	3.24469	-.02290
1.469	-3.808	4.16221	133.90670	-.17533	-.08131	.18715	.08679	1.45827	3.25797	-.01887
1.469	-2.789	4.12911	125.67310	-.13123	-.06063	.18559	.08575	1.46159	3.27014	-.01506
1.469	-1.769	4.09344	115.26220	-.08824	-.04065	.18452	.08500	1.46427	3.28001	-.01199
1.469	-.761	4.04852	102.75310	-.04439	-.02039	.18234	.08377	1.46689	3.28965	-.00929
1.469	.249	3.98844	88.65982	-.00101	-.00046	.18034	.08273	1.46780	3.29300	-.00796
1.469	1.232	3.94203	74.84445	.04017	.01842	.17910	.08212	1.46867	3.29624	-.00740
1.469	2.221	3.89549	62.37534	.08238	.03777	.17823	.08171	1.46830	3.29485	-.00724
1.469	GRADIENT	-.04213	-11.39398	.04283	.01984	-.00162	-.00094	.00200	.00735	.00226

RUN NO. 1692/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
1.497	-7.845	4.25233	152.46960	-.35156	-.16939	.19907	.09592	1.45709	3.25366	-.04870
1.497	-6.858	4.19489	149.53950	-.31107	-.14901	.19639	.09408	1.46287	3.27486	-.04257
1.497	-5.849	4.18529	145.50350	-.27075	-.12869	.19810	.09415	1.46966	3.29988	-.03435
1.497	-4.833	4.16829	140.43760	-.22753	-.10744	.19726	.09315	1.47594	3.32314	-.02766
1.497	-3.821	4.15075	133.98620	-.18279	-.08617	.19548	.09215	1.47717	3.32771	-.02599
1.497	-2.796	4.12391	125.71330	-.13691	-.06455	.19466	.09177	1.47691	3.32673	-.02611
1.497	-1.783	4.08769	115.38180	-.09261	-.04355	.19355	.09103	1.47921	3.33529	-.02360
1.496	-.774	4.04097	102.87260	-.04652	-.02166	.19206	.08943	1.48114	3.36492	-.01370
1.497	.235	3.98963	88.77943	-.00075	-.00035	.18985	.08826	1.48928	3.37291	-.01194
1.496	1.217	3.94157	74.96413	.04248	.01974	.18811	.08739	1.48946	3.37359	-.01139
1.496	2.207	3.90343	62.49478	.08672	.04030	.18618	.08652	1.48956	3.37397	-.01162
1.497	GRADIENT	-.03958	-11.39100	.04470	.02103	-.00154	-.00097	.00239	.00891	.00281

RUN NO. 1687/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
1.521	-7.847	4.24447	152.50860	-.37264	-.18045	.21117	.10226	1.48103	3.34208	-.05027
1.520	-6.866	4.19827	149.53990	-.33587	-.16131	.21184	.10174	1.48816	3.36871	-.04163
1.521	-5.849	4.18359	145.50330	-.29581	-.14095	.21601	.10293	1.49573	3.39718	-.03334
1.520	-4.830	4.17038	140.39790	-.25168	-.11910	.21727	.10282	1.50140	3.41859	-.02631
1.521	-3.814	4.15016	133.94640	-.20354	-.09596	.21704	.10233	1.50510	3.43259	-.02234
1.521	-2.803	4.12581	125.75310	-.15590	-.07337	.21703	.10214	1.50695	3.43960	-.02038
1.521	-1.785	4.08687	115.38180	-.10767	-.05059	.21960	.10319	1.50852	3.44557	-.01873
1.520	-.777	4.04067	102.87260	-.05648	-.02651	.22024	.10339	1.50833	3.44486	-.01795
1.520	.230	3.98957	88.70003	-.00395	-.00185	.21915	.10278	1.50943	3.44904	-.01699
1.520	1.220	3.94106	74.88470	.04664	.02186	.21781	.10211	1.51016	3.45182	-.01660
1.520	2.207	3.90374	62.45505	.09634	.04518	.21392	.10031	1.50982	3.45053	-.01689
1.520	GRADIENT	-.03980	-11.40129	.04960	.02339	-.00015	-.00019	.00108	.00412	.00125

IA310 (AEDC 16TF-783) PROBE CALIBRATION (TCM057) ( 04 OCT 91 )

PARAMETRIC DATA

BETA = 4.000 PHI = 180.000  
 RUN NO. 1680/ O RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
1.541	-7.888	4.24839	152.62940	-.42734	-.20341	-.24431	.11629	1.52048	3.49128	-.03039
1.543	-6.862	4.19379	149.57940	-.36693	-.17446	-.22660	.10773	1.52417	3.50543	-.02878
1.542	-5.847	4.18585	145.50350	-.30003	-.14223	-.22055	.10455	1.52518	3.50932	-.02606
1.545	-4.831	4.16867	140.43760	-.23737	-.11230	-.20735	.09810	1.53081	3.53104	-.02339
1.544	-3.819	4.15155	133.98630	-.18419	-.08713	-.19756	.09345	1.52971	3.52680	-.02345
1.543	-2.800	4.12160	125.75290	-.13014	-.06154	-.18821	.08900	1.52927	3.52509	-.02297
1.543	-1.781	4.08846	115.34210	-.08512	-.04024	-.17988	.08503	1.52966	3.52659	-.02251
1.543	-.775	4.04624	102.87270	-.03834	-.01812	-.17352	.08199	1.52947	3.52587	-.02201
1.543	.234	3.99473	88.77942	.00756	.00357	.16879	.07972	1.53053	3.52996	-.02144
1.543	1.217	3.94165	74.96413	.04986	.02355	.16731	.07900	1.53043	3.52956	-.02126
1.543	2.207	3.90359	62.49478	.09425	.04451	.16783	.07926	1.53084	3.53113	-.02129
GRADIENT		-.03933	-11.39554	.04674	.02210	-.00584	-.00278	.00009	.00033	.00036

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(TCM058) ( 04 OCT 91 )

PARAMETRIC DATA

ALPHA = -8.000 PHI = 180.000  
 RUN NO. 1673/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	ALPHA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
.600	-3.745	-8.12003	-154.59460	-.35668	-.07236	-.16561	-.03360	.56548	1.24230	-.02675
.600	-2.728	-8.09194	-160.63090	-.35172	-.07118	-.12151	-.02459	.56774	1.24441	-.02483
.600	-1.724	-8.06150	-167.10840	-.34789	-.07030	-.07644	-.01545	.56927	1.24583	-.02359
.600	-0.718	-8.02806	-173.98750	-.34305	-.06931	-.03141	-.00635	.57009	1.24660	-.02307
.600	-.289	-7.99048	-.81574	-.34258	-.06924	-.01034	-.00209	.57101	1.24745	-.02261
.600	.737	-8.02855	-6.43835	-.34232	-.06918	.03221	.00651	.57009	1.24659	-.02313
.600	1.747	-8.06365	-13.33591	-.34443	-.06968	.07800	.01578	.56903	1.24561	-.02400
.600	2.757	-8.08929	-19.83659	-.34631	-.07019	.12270	.02487	.56699	1.24371	-.02566
.600	3.771	-8.12001	-25.82115	-.34791	-.07070	.16814	.03417	.56381	1.24077	-.02812
GRADIENT		-.00039	24.46570	.00105	.00019	-.04442	.00901	-.00019	-.00018	-.00017

(TCMO58) ( 04 OCT 91 )

## PARAMETRIC DATA

ALPHA = -8.000 PHI = 180.000

RUN NO. 1749/ 0 RN/L = 2.51 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	ALPHA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
.800	-3.820	-8.08718	-154.31800	-.34026	-.10359	-.16141	-.04914	.76340	1.47089	-.03617
.800	-2.803	-8.06085	-160.35460	-.33530	-.10184	-.11920	-.03620	.76595	1.47450	-.03364
.801	-1.801	-8.04366	-166.83270	-.32992	-.10014	-.07515	-.02281	.76908	1.47894	-.03152
.800	-.790	-8.01912	-173.75140	-.32787	-.09940	-.03285	-.00996	.76942	1.47942	-.03081
.800	-.211	-7.99638	-.54110	-.32754	-.09916	-.00742	-.00225	.76907	1.47892	-.03048
.800	.832	-8.02277	-6.83057	-.32716	-.09913	.03495	.01059	.76825	1.47776	-.03129
.800	1.835	-8.04341	-13.68938	-.32894	-.09976	.07856	.02383	.76669	1.47555	-.03262
.799	2.841	-8.06651	-20.15115	-.33081	-.10048	.12079	.03669	.76466	1.47268	-.03446
.800	3.845	-8.08251	-26.09766	-.33134	-.10099	.16355	.04985	.76197	1.46888	-.03749
	GRADIENT	-.00022	24.07102	.00091	.00027	.04240	.01290	-.00028	-.00040	-.00019

RUN NO. 1662/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	ALPHA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
.900	-3.810	-8.09521	-154.35770	-.32631	-.11348	-.15246	-.05302	.86525	1.62962	-.03762
.900	-2.784	-8.06354	-160.43320	-.32098	-.11135	-.11311	-.03924	.86719	1.63297	-.03525
.900	-1.783	-8.04760	-166.91140	-.31720	-.10987	-.07183	-.02488	.86928	1.63657	-.03333
.900	-.778	-8.02089	-173.79060	-.31378	-.10857	-.03072	-.01063	.87069	1.63902	-.03199
.900	-.229	-7.98458	-.61951	-.31432	-.10875	-.00736	-.00255	.87034	1.63840	-.03218
.900	.808	-8.02472	-6.71301	-.31364	-.10856	.03373	.01167	.86950	1.63695	-.03286
.900	1.812	-8.04873	-13.57169	-.31495	-.10912	.07524	.02607	.86827	1.63483	-.03402
.900	2.821	-8.06891	-20.07291	-.31628	-.10983	.11569	.04017	.86676	1.63223	-.03602
.900	3.820	-8.09054	-25.97997	-.31746	-.11051	.15676	.05457	.86377	1.62710	-.03890
	GRADIENT	-.00033	24.18089	.00096	.00032	.04066	.01413	-.00019	-.00033	-.00018

RUN NO. 1741/ 0 RN/L = 2.51 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	ALPHA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
1.099	-3.936	-8.03657	-153.92270	-.29287	-.12082	-.14272	-.05888	1.06671	2.04890	-.03953
1.100	-2.917	-8.02176	-159.95980	-.28879	-.11891	-.10657	-.04388	1.07016	2.05741	-.03675
1.100	-1.913	-8.01587	-166.43790	-.28652	-.11774	-.06993	-.02874	1.07180	2.06148	-.03471
1.101	-.911	-8.00806	-173.27770	-.28399	-.11661	-.01333	-.01333	1.07327	2.06513	-.03358
1.099	-.087	-7.98241	-.18960	-.28427	-.11666	-.00197	-.00081	1.07108	2.05969	-.03413
1.099	.963	-8.00880	-7.22119	-.28376	-.11653	.03589	.01474	1.07109	2.05973	-.03459
1.100	1.957	-8.01215	-14.04171	-.28438	-.11697	.07318	.03010	1.07045	2.05813	-.03595
1.099	2.958	-8.02534	-20.54465	-.28518	-.11748	.10955	.04513	1.06800	2.05209	-.03801
1.100	3.965	-8.02902	-26.53169	-.28511	-.11784	.14633	.06048	1.06645	2.04825	-.04093
	GRADIENT	.00039	23.46630	.00079	.00030	.03669	.01513	-.00021	-.00052	-.00022

## IA310 (AEDC 16TF-783) PROBE CALIBRATION

(TCM058) ( 04 OCT 91 )

## PARAMETRIC DATA

ALPHA = -8.000 PHI = 180.000

RUN NO. 1725/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	ALPHA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
1.249	-3.888	-8.03195	-153.88320	-.29997	-.13350	-.14701	-.06543	1.21608	2.45468	-.04065
1.250	-2.831	-8.05415	-160.27580	-.29800	-.13240	-.10698	-.04753	1.21831	2.46128	-.03866
1.250	-1.820	-8.03388	-166.79290	-.29505	-.13087	-.06868	-.03046	1.21975	2.46555	-.03688
1.250	-.821	-8.01967	-173.63290	-.29262	-.12961	-.03039	-.01346	1.22070	2.46836	-.03548
1.250	-.178	-7.98213	-.46341	-.29116	-.12898	-.00530	-.00235	1.22044	2.46760	-.03570
1.250	.872	-8.01973	-6.94731	-.29128	-.12917	.03340	.01481	1.21997	2.46621	-.03663
1.249	1.869	-8.03884	-13.76713	-.29198	-.12964	.07180	.03188	1.21826	2.46111	-.03816
1.250	2.876	-8.05425	-20.26881	-.29308	-.13039	.10894	.04847	1.21679	2.45676	-.04015
1.250	3.887	-8.07186	-26.25471	-.29349	-.13099	.14708	.06564	1.21431	2.44942	-.04342
	GRADIENT	-.00318	23.78773	.00083	.00033	.03785	.01685	-.00027	-.00081	-.00034

RUN NO. 1717/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	ALPHA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
1.400	-3.903	-8.02887	-153.84410	-.32892	-.15428	-.15986	-.07498	1.36362	2.92378	-.04254
1.400	-2.844	-8.04759	-160.23640	-.32741	-.15322	-.11604	-.05430	1.36586	2.93141	-.04007
1.399	-1.841	-8.03320	-166.71450	-.32505	-.15180	-.07366	-.03440	1.36706	2.93551	-.03805
1.400	-.835	-8.01207	-173.59370	-.32248	-.15044	-.03228	-.01506	1.36830	2.93973	-.03692
1.400	-.159	-7.99259	-.34513	-.32192	-.15011	-.00212	-.00099	1.36895	2.94194	-.03638
1.400	.885	-8.01789	-7.02647	-.32244	-.15044	.03947	.01842	1.36864	2.94089	-.03690
1.400	1.888	-8.03352	-13.88564	-.32278	-.15084	.08156	.03811	1.36716	2.93582	-.03863
1.400	2.883	-8.04470	-20.30904	-.32387	-.15163	.12301	.05759	1.36543	2.92996	-.04055
1.400	3.894	-8.06613	-26.29498	-.32395	-.15219	.16549	.07775	1.36241	2.91970	-.04414
	GRADIENT	-.00269	23.74498	.00061	.00026	.04171	.01955	-.00010	-.00035	-.00016

RUN NO. 1707/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	ALPHA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
1.450	-3.759	-8.11366	-154.55510	-.35169	-.16747	-.16473	-.07844	1.41159	3.09000	-.04438
1.450	-2.736	-8.08449	-160.63080	-.34780	-.16510	-.12023	-.05707	1.41400	3.09851	-.04118
1.450	-1.725	-8.05799	-167.14760	-.34453	-.16335	-.07512	-.03562	1.41589	3.10521	-.03972
1.449	-.724	-8.02725	-173.98740	-.34078	-.16143	-.03117	-.01477	1.41562	3.10425	-.03908
1.450	-.271	-7.98415	-.73730	-.33855	-.16060	-.00885	-.00420	1.41532	3.10320	-.04036
1.450	.768	-8.03004	-6.59509	-.34005	-.16147	.03486	.01655	1.41371	3.09748	-.04151
1.450	1.777	-8.05844	-13.49298	-.34080	-.16206	.07949	.03780	1.41268	3.09385	-.04296
1.450	2.768	-8.08418	-19.87639	-.34136	-.16275	.12232	.05832	1.41093	3.08767	-.04557
1.450	3.794	-8.11296	-25.93954	-.34112	-.16326	.16694	.07389	1.40701	3.07386	-.04970
	GRADIENT	-.00042	24.38586	.00124	.00047	.04398	.02096	-.00066	-.00231	-.00079

(TCM058) ( 04 OCT 91 )

## PARAMETRIC DATA

ALPHA = -8.000 PHI = 180.000

RUN NO. 1700/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	ALPHA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
1.469	-3.779	-8.10153	-154.47600	-.36180	-.17220	-.17034	-.08107	1.43534	3.17467	-.04520
1.469	-2.756	-8.07479	-160.55180	-.35809	-.16988	-.12465	-.05917	1.43796	3.18414	-.04229
1.470	-1.751	-8.05006	-167.02940	-.35566	-.16852	-.07843	-.03716	1.43993	3.19124	-.04030
1.470	-.739	-8.02354	-173.94780	-.35365	-.16738	-.03296	-.01560	1.44075	3.19421	-.03916
1.469	-.254	-7.98963	-.69813	-.35796	-.16944	-.00656	-.00310	1.44027	3.19246	-.03924
1.469	.796	-8.02680	-6.71268	-.35951	-.17048	-.03912	0.1855	1.43888	3.18745	-.04107
1.470	1.798	-8.05319	-13.57155	-.35954	-.17080	-.08559	0.04066	1.43793	3.18403	-.04289
1.470	2.797	-8.07956	-19.99408	-.35945	-.17120	-.13138	0.06257	1.43528	3.17446	-.04562
1.470	3.814	-8.10294	-26.01857	-.35909	-.17158	-.17682	0.08449	1.43234	3.16391	-.04911
GRADIENT		-.00085	24.25892	-.00010	-.00015	0.04591	0.02186	-.00047	-.00170	-.00060

RUN NO. 1693/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	ALPHA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
1.498	-3.792	-8.10099	-154.43660	-.36764	-.17748	-.17184	-.08296	1.45676	3.25244	-.05087
1.497	-2.773	-8.06897	-160.47290	-.36426	-.17561	-.12452	-.06003	1.45745	3.25497	-.04958
1.497	-1.764	-8.04736	-166.99000	-.36175	-.17412	-.07897	-.03801	1.45831	3.25810	-.04797
1.496	-.758	-8.02195	-173.86920	-.35983	-.17299	-.03276	-.01575	1.45894	3.26042	-.04687
1.494	-.240	-7.98175	-.65907	-.35915	-.17287	-.00658	-.00317	1.45510	3.24637	-.04893
1.495	.813	-8.02710	-6.79119	-.36188	-.17437	-.03948	0.1902	1.45546	3.24766	-.04998
1.496	1.807	-8.05336	-13.57139	-.36207	-.17474	-.08628	0.04164	1.45507	3.24627	-.05154
1.495	2.811	-8.07690	-20.03319	-.36246	-.17516	-.13191	0.06375	1.45303	3.23880	-.05321
1.496	3.820	-8.09653	-26.01884	-.36204	-.17548	-.17771	0.08614	1.45103	3.23150	-.05647
GRADIENT		-.00071	24.21758	0.00045	0.00012	0.04595	0.02220	-.00081	-.00297	-.00078

RUN NO. 1688/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	ALPHA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
1.521	-3.835	-8.05563	-154.08130	-.38444	-.18607	-.18400	-.08906	1.48156	3.34406	-.04956
1.521	-2.770	-8.06852	-160.51250	-.38731	-.18709	-.13220	-.06386	1.48325	3.35034	-.04745
1.520	-1.767	-8.04503	-166.99040	-.38757	-.18677	-.08245	-.03973	1.48514	3.35742	-.04503
1.520	-.756	-8.02599	-173.90900	-.38789	-.18665	-.03343	-.01608	1.48633	3.36188	-.04350
1.520	-.234	-7.98188	-.61990	-.40419	-.19388	-.00689	-.00330	1.48915	3.37243	-.03989
1.521	.803	-8.02817	-6.71273	-.40530	-.19453	-.04376	0.02100	1.48960	3.37413	-.04030
1.521	1.812	-8.05201	-13.61065	-.40632	-.19522	-.09635	0.04629	1.48858	3.37030	-.04135
1.520	2.823	-8.07235	-20.11159	-.40285	-.19394	-.14724	0.07088	1.48610	3.36101	-.04359
1.520	3.821	-8.09557	-26.01869	-.40016	-.19331	-.19659	0.09497	1.48299	3.34940	-.04719
GRADIENT		-.00367	24.08367	-.00283	-.00128	0.04981	0.02405	-.00041	0.00153	0.00053

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(TCM058) ( 04 OCT 91 )

PARAMETRIC DATA

ALPHA = -8.000 PHI = 180.000

RUN NO. 1681/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	ALPHA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
1.543	-3.791	-8.10001	-154.43640	-44106	-21027	-20904	-09966	1.52212	3.49755	-03118
1.545	-2.772	-8.06755	-160.47270	-43336	-20660	-15585	-07430	1.52343	3.50259	-03110
1.544	-1.765	-8.05076	-166.99010	-43004	-20494	-10222	-04871	1.52293	3.50067	-03086
1.543	-1.758	-8.02031	-173.86920	-42662	-20322	-04683	-02231	1.52250	3.49903	-03049
1.542	-.236	-7.99566	-6.1957	-41073	-19552	-01085	-00516	1.52201	3.49712	-02994
1.544	.806	-8.02594	-6.75226	-41424	-19719	-03984	-01896	1.52423	3.50567	-02959
1.543	1.817	-8.05424	-13.65002	-41492	-19756	-09666	-04603	1.52239	3.49860	-03012
1.543	2.816	-8.07807	-20.07256	-42315	-20155	-15243	-07260	1.52263	3.49953	-03032
1.544	3.829	-8.10156	-26.05771	-43199	-20590	-21267	-10136	1.52284	3.50034	-03084
	GRADIENT	-.00116	24.18412	.00184	.00090	.05530	.02635	.00002	.00008	.00010

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(TCM059) ( 04 OCT 91 )

PARAMETRIC DATA

ALPHA = 2.000 PHI = 180.000

RUN NO. 1676/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	ALPHA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
.600	-4.121	1.74561	-65.15240	.06654	.01319	-16262	-03224	-.59603	1.27155	-.00317
.600	-3.141	1.74456	-58.55591	.06545	.01297	-12142	-02405	-.59794	1.27345	-.00188
.600	-2.191	1.76882	-47.92062	.06542	.01294	-08125	-01607	-.59874	1.27425	-.00101
.600	-1.256	1.85255	-29.96002	.06679	.01320	-.04240	-.00838	-.59895	1.27445	-.00076
.600	-.303	1.97733	-3.76217	.07101	.01403	-.00351	-.00069	-.59955	1.27506	-.00035
.600	.734	2.12167	23.62424	.07763	.01536	.03750	.00742	-.59947	1.27497	-.00058
.600	1.785	2.19577	42.73302	.08129	.01607	.08197	.01621	-.59945	1.27496	-.00053
.600	2.833	2.25106	54.35518	.08542	.01688	.12671	.02504	-.59860	1.27410	-.00092
.600	3.873	2.26572	61.93774	.08682	.01721	.16904	.03351	-.59705	1.27256	-.00254
	GRADIENT	.07893	18.07253	.00308	.00061	.04140	.00820	.00012	.00012	.00010



(TCM059) ( 04 OCT 91 )

## PARAMETRIC DATA

ALPHA = 2.000 PHI = 180.000

RUN NO. 1752/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	ALPHA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
.799	-4.086	1.81446	-64.67390	.06683	.01970	-.15397	-.04539	.79567	1.51782	-.00376
.800	-3.097	1.81362	-57.88051	.06542	.01928	-.11432	-.03369	.79754	1.52062	-.00256
.800	-2.136	1.83055	-47.04842	.06463	.01902	-.07571	-.02228	.79858	1.52220	-.00143
.800	-1.188	1.89637	-28.89087	.06591	.01938	-.03852	-.01133	.79905	1.52290	-.00082
.800	-.228	1.98509	-2.73313	.06855	.02016	-.00080	-.00024	.79910	1.52298	-.00082
.800	.795	2.09277	24.33699	.07313	.02151	.03860	.01135	.79901	1.52284	-.00081
.800	1.840	2.15269	43.32776	.07580	.02229	.08016	.02357	.79863	1.52228	-.00100
.800	2.888	2.18931	55.03021	.07865	.02315	.12255	.03607	.79819	1.52160	-.00167
.800	3.918	2.19816	62.45563	.08109	.02390	.16346	.04818	.79634	1.51883	-.00334
	GRADIENT	.05846	18.03946	.00212	.00062	.03955	.01165	.00007	.00011	.00008

RUN NO. 1665/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	ALPHA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
.900	-4.089	1.80197	-64.75371	.06334	.02131	-.14776	-.04971	.89586	1.68374	-.00406
.900	-3.100	1.79909	-57.99980	.06236	.02096	-.10986	-.03692	.89766	1.68702	-.00252
.900	-2.142	1.82129	-47.12782	.06173	.02073	-.07238	-.02431	.89879	1.68909	-.00154
.900	-1.199	1.88614	-29.08887	.06279	.02108	-.03671	-.01232	.89915	1.68975	-.00111
.900	-.236	1.98589	-2.77271	.06586	.02210	-.00103	-.00035	.89917	1.68978	-.00092
.900	.798	2.09406	24.57446	.06967	.02338	.03732	.01252	.89916	1.68976	-.00092
.900	1.841	2.15696	43.44632	.07248	.02431	.07690	.02580	.89885	1.68920	-.00097
.900	2.881	2.20008	54.95071	.07535	.02529	.11705	.03929	.89789	1.68745	-.00180
.900	3.911	2.20669	62.41563	.07789	.02619	.15624	.05253	.89674	1.68534	-.00325
	GRADIENT	.06179	18.06069	.00211	.00070	.03788	.01273	.00007	.00012	.00011

RUN NO. 1744/ 0 RN/L = 2.51 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	ALPHA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
1.099	-4.031	1.93271	-63.67810	.06186	.02466	-.13149	-.05241	1.09614	2.12292	-.00402
1.100	-3.023	1.92083	-56.64938	.05983	.02381	-.09668	-.03848	1.09782	2.12724	-.00234
1.100	-2.051	1.92747	-45.46266	.05844	.02325	-.06232	-.02479	1.09910	2.13054	-.00144
1.100	-1.082	1.96718	-26.99002	.05855	.02328	-.02932	-.01166	1.09937	2.13123	-.00096
1.100	-.106	1.99757	-.83314	.05954	.02366	.00284	.00113	1.09918	2.13073	-.00078
1.100	.920	2.03728	26.35646	.06118	.02431	.03755	.01492	1.09902	2.13033	-.00088
1.099	1.944	2.05846	44.99258	.06208	.02467	.07254	.02882	1.09852	2.12904	-.00098
1.100	2.966	2.08541	56.18227	.06461	.02570	.10830	.04307	1.09837	2.12865	-.00169
1.100	3.982	2.08419	63.41170	.06620	.02638	.14378	.05729	1.09705	2.12525	-.00341
	GRADIENT	.02386	18.01152	.00070	.00028	.03420	.01362	.00006	.00015	.00009

(TCM059) ( 04 OCT 91 )

IA310 (AEDC 16TF-783) PROBE CALIBRATION

PARAMETRIC DATA

ALPHA = 2.000 PHI = 180.000

RUN NO. 1728/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	ALPHA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
1.250	-4.076	1.84818	-64.51407	.06021	.02589	-.13633	-.05861	1.24526	2.54228	-.00519
1.250	-3.075	1.83387	-57.68184	.05846	.02510	-.10088	-.04331	1.24682	2.54705	-.00370
1.250	-2.107	1.85138	-46.65216	.05789	.02482	-.06605	-.02832	1.24804	2.55077	-.00235
1.250	-1.162	1.89874	-28.69298	.05853	.02509	-.03326	-.01426	1.24871	2.55282	-.00187
1.250	-.197	1.99090	-2.29776	.06122	.02623	.00090	.00039	1.24839	2.55185	-.00164
1.250	.834	2.08143	24.93080	.06436	.02758	.03631	.01556	1.24860	2.55249	-.00160
1.250	1.866	2.13260	43.68449	.06674	.02860	.07261	.03111	1.24831	2.55159	-.00176
1.250	2.910	2.16347	55.34793	.06869	.02947	.09955	.04717	1.24768	2.54967	-.00293
1.250	3.938	2.17102	62.73427	.07062	.03034	.14675	.06305	1.24608	2.54477	-.00446
GRADIENT		.05046	18.04505	.00161	.00069	.03522	.01513	.00010	.00030	.00010

RUN NO. 1720/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	ALPHA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
1.400	-4.068	1.86030	-64.39462	.06636	.03000	-.15012	-.06786	1.39626	3.03618	-.00457
1.400	-3.065	1.84968	-57.52306	.06402	.02889	-.10994	-.04961	1.39734	3.03992	-.00296
1.400	-2.100	1.86643	-46.49348	.06284	.02834	-.07114	-.03208	1.39740	3.04014	-.00249
1.400	-1.151	1.91734	-28.41565	.06405	.02888	-.03520	-.01587	1.39765	3.04100	-.00218
1.400	-.177	1.99299	-1.94157	.06637	.02992	.00227	.00102	1.39770	3.04121	-.00209
1.400	.855	2.06743	25.36632	.06881	.03103	.04195	.01892	1.39837	3.04355	-.00209
1.400	1.884	2.11641	44.00143	.07096	.03200	.08144	.03673	1.39806	3.04247	-.00218
1.400	2.919	2.14948	55.46710	.07457	.03362	.12260	.05528	1.39777	3.04146	-.00217
1.400	3.945	2.15338	62.81404	.07680	.03467	.16400	.07404	1.39686	3.03827	-.00334
GRADIENT		.04538	18.04313	.00158	.00071	.03896	.01758	.00009	.00033	.00013

RUN NO. 1710/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	ALPHA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
1.450	-4.110	1.75641	-65.11240	.06599	.03024	-.16145	-.07399	1.44506	3.20980	-.00516
1.449	-3.124	1.75282	-58.43692	.06449	.02951	-.11910	-.05450	1.44554	3.21153	-.00380
1.450	-2.172	1.77761	-47.68297	.06370	.02916	-.07851	-.03594	1.44673	3.21588	-.00398
1.449	-1.245	1.85537	-29.84119	.06573	.03007	-.04016	-.01837	1.44621	3.21399	-.00359
1.449	-.287	1.97876	-3.52468	.07000	.03201	-.00010	-.00004	1.44659	3.21536	-.00322
1.450	.743	2.11382	23.74310	.07424	.03397	.04185	.01915	1.44701	3.21689	-.00347
1.450	1.791	2.19316	42.73315	.07731	.03537	.08482	.03881	1.44714	3.21734	-.00337
1.450	2.852	2.24275	54.55333	.08151	.03726	.12947	.05919	1.44780	3.21977	-.00257
1.449	3.891	2.25538	62.09659	.08339	.03816	.17375	.07952	1.44595	3.21304	-.00389
GRADIENT		.07610	18.07068	.00263	.00120	.04169	.01908	.00020	.00072	.00017

IA310 (AEDC 16TF-783) PROBE CALIBRATION (TCM059) ( 04 OCT 91 )

## PARAMETRIC DATA

ALPHA = 2.000 PHI = 180.000

RUN NO. 1703/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	ALPHA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
1.484	-4.105	1.77615	-64.99263	.06564	.03075	-.16059	-.07522	1.46768	3.29257	-.00798
1.470	-3.111	1.77112	-58.27800	.06524	.02995	-.12060	-.05537	1.46816	3.29433	-.00741
1.470	-2.157	1.79301	-47.48477	.06461	.02963	-.08015	-.03676	1.46939	3.29888	-.00645
1.470	-1.226	1.87175	-29.52440	.06684	.03067	-.04059	-.01863	1.46905	3.29763	-.00693
1.485	-.265	1.98507	-3.20808	.06916	.03237	.00026	.00012	1.46868	3.29625	-.00721
1.471	.759	2.10586	23.90147	.07525	.03452	.04273	.01960	1.46959	3.29963	-.00654
1.470	1.813	2.17878	43.01044	.07884	.03614	.08754	.04012	1.46929	3.29849	-.00584
1.470	2.863	2.22477	54.71230	.08177	.03749	.13191	.06049	1.46949	3.29926	-.00618
1.484	3.899	2.23641	62.21628	.08200	.03835	.17434	.08155	1.46903	3.29754	-.00654
GRADIENT		.07026	18.06508	.00255	.00117	.04203	.01949	.00016	.00059	.00018

RUN NO. 1696/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	ALPHA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
1.495	-4.100	1.78805	-64.91277	.06906	.03209	-.17205	-.07995	1.48742	3.36594	-.01357
1.495	-3.103	1.78602	-58.07951	.06817	.03167	-.12863	-.05976	1.48794	3.36790	-.01321
1.495	-2.146	1.80699	-47.24693	.06780	.03149	-.08591	-.03990	1.48860	3.37037	-.01279
1.494	-1.213	1.87447	-29.36604	.07054	.03271	-.04444	-.02061	1.48835	3.36945	-.01293
1.494	-.258	1.98648	-3.16846	.07543	.03499	-.00204	-.00095	1.48788	3.36767	-.01318
1.495	.779	2.10499	24.21814	.07999	.03715	.04501	.02090	1.48860	3.37037	-.01274
1.495	1.819	2.16748	43.12953	.08340	.03871	.09133	.04239	1.48891	3.37152	-.01214
1.495	2.874	2.21146	54.87112	.08670	.04020	.13896	.06444	1.48975	3.37469	-.01126
1.495	3.907	2.22260	62.33572	.08843	.04105	.18617	.08644	1.48888	3.37141	-.01242
GRADIENT		.06620	18.05977	.00291	.00134	.04475	.02078	.00020	.00076	.00020

RUN NO. 1691/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	ALPHA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
1.521	-4.099	1.79045	-64.87312	.08082	.03794	-.19526	-.09167	1.50912	3.44786	-.01751
1.521	-3.103	1.78602	-58.11914	.08202	.03848	-.15297	-.07177	1.50959	3.44965	-.01697
1.521	-2.151	1.80947	-47.32605	.08319	.03904	-.10305	-.04836	1.50953	3.44941	-.01714
1.521	-1.215	1.88008	-29.40562	.08516	.03997	-.05292	-.02483	1.50966	3.44993	-.01712
1.521	-.256	1.98731	-3.20814	.09028	.04236	-.00580	-.00272	1.50975	3.45027	-.01691
1.521	.778	2.10028	24.17853	.09621	.04516	.04631	.02174	1.50937	3.44881	-.01726
1.521	1.826	2.16238	43.24823	.09963	.04675	.10473	.04914	1.50958	3.44960	-.01696
1.521	2.875	2.21115	54.83141	.09965	.04672	.16113	.07555	1.51055	3.45330	-.01614
1.521	3.907	2.22218	62.29599	.09859	.04623	.21232	.09957	1.51008	3.45151	-.01631
GRADIENT		.06556	18.05595	.00280	.00131	.05155	.02419	.00011	.00042	.00013

IA310 (AEDC 16TF-783) PROBE CALIBRATION (TCM059) ( 04 OCT 91 )

PARAMETRIC DATA

ALPHA = 2.000 PHI = 180.000

RUN NO. 1684/ O RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	ALPHA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
1.544	-4.099	1.78994	-64.87312	.09110	.04304	-.17598	-.08316	1.53059	3.53020	-.02142
1.544	-3.108	1.78765	-58.11899	.06713	.03168	-.10593	-.04999	1.53205	3.53585	-.02015
1.544	-2.147	1.80590	-47.28653	.05733	.02705	-.06345	-.02994	1.53182	3.53495	-.02004
1.543	-1.209	1.88353	-29.16808	.05533	.02615	-.03208	-.01516	1.53009	3.52824	-.02181
1.543	-.250	1.98764	-2.97059	.05854	.02767	-.00312	-.00147	1.53003	3.52802	-.02182
1.543	.782	2.10382	24.29729	.06239	.02950	.03003	.01420	1.52987	3.52741	-.02199
1.544	1.820	2.18092	42.97087	.06863	.03237	.06591	.03109	1.53222	3.53649	-.01962
1.543	2.879	2.21468	54.87094	.08298	.03914	.11177	.05272	1.53194	3.53539	-.01967
1.544	3.907	2.22294	62.33572	.09292	.04386	.16742	.07904	1.53179	3.53483	-.02043
GRADIENT		.06646	18.04587	.00150	.00070	.03918	.01850	.00009	.00034	.00011

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(TCM060) ( 04 OCT 91 )

PARAMETRIC DATA

BETA = -1.000 PHI = 180.000

RUN NO. 1729/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
1.250	-5.036	-.83279	-169.75660	-.18669	-.08107	-.02664	-.01157	1.23735	2.51827	-.01520
1.250	-4.776	-.83052	-169.23810	-.17698	-.07676	-.02673	-.01159	1.23826	2.52103	-.01396
1.250	-4.525	-.82977	-168.68020	-.16831	-.07293	-.02589	-.01122	1.23915	2.52373	-.01299
1.249	-4.279	-.83549	-168.00340	-.15961	-.06907	-.02607	-.01128	1.23968	2.52534	-.01180
1.250	-4.029	-.83426	-167.28660	-.15022	-.06497	-.02540	-.01099	1.24112	2.52968	-.01095
1.250	-3.788	-.83524	-166.49060	-.14141	-.06108	-.02560	-.01106	1.24165	2.53129	-.00977
1.250	-3.537	-.83262	-165.61500	-.13205	-.05696	-.02558	-.01103	1.24287	2.53501	-.00844
1.250	-3.289	-.83318	-164.58090	-.12294	-.05298	-.02545	-.01097	1.24385	2.53801	-.00741
1.250	-3.041	-.83537	-163.34840	-.11366	-.04895	-.02544	-.01096	1.24377	2.53774	-.00700
GRADIENT		-.00208	3.35114	.03662	.01609	.00060	.00031	.00347	.01053	.00422

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(TCM061) ( 04 OCT 91 )

PARAMETRIC DATA

BETA = -.750 PHI = 180.000

RUN NO. 1730/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PHI	CPAQ	CPALPH	CPBO	CPBETA	MPROBE	CPM	CPTD
1.250	-5.032	-.58175	-172.52590	-.18603	-.08078	-.01710	-.00742	1.23756	2.51892	-.01501
1.250	-4.767	-.58237	-172.12720	-.17645	-.07651	-.01749	-.00759	1.23822	2.52090	-.01376
1.250	-4.519	-.58101	-171.72850	-.16786	-.07274	-.01701	-.00737	1.23955	2.52492	-.01290
1.250	-4.271	-.58182	-171.25040	-.15880	-.06873	-.01694	-.00733	1.24021	2.52694	-.01179
1.250	-4.022	-.58355	-170.69290	-.14981	-.06478	-.01631	-.00705	1.24126	2.53013	-.01073
1.250	-3.774	-.58341	-170.09570	-.14052	-.06067	-.01602	-.00692	1.24202	2.53241	-.00936
1.250	-3.525	-.58063	-169.45870	-.13126	-.05662	-.01635	-.00705	1.24292	2.53517	-.00836
1.250	-3.276	-.58210	-168.66310	-.12231	-.05272	-.01621	-.00699	1.24370	2.53754	-.00757
1.250	-3.027	-.58106	-167.78790	-.11289	-.04862	-.01599	-.00689	1.24442	2.53971	-.00672
GRADIENT		.00036	2.47476	.03661	.01608	.00079	.00037	.00350	.01062	.00420

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(TCM062) ( 04 OCT 91 )

PARAMETRIC DATA

BETA = -.500 PHI = 180.000

RUN NO. 1731/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PHI	CPAQ	CPALPH	CPBO	CPBETA	MPROBE	CPM	CPTD
1.250	-5.016	-.32977	-175.33560	-.18537	-.08047	-.00875	-.00380	1.23724	2.51793	-.01494
1.250	-4.758	-.32940	-175.09630	-.17581	-.07623	-.00839	-.00364	1.23851	2.52177	-.01363
1.250	-4.511	-.33145	-174.81740	-.16714	-.07241	-.00766	-.00332	1.23950	2.52480	-.01274
1.250	-4.259	-.32943	-174.53820	-.15829	-.06848	-.00792	-.00343	1.24029	2.52716	-.01143
1.250	-4.007	-.32903	-174.21940	-.14884	-.06433	-.00768	-.00332	1.24125	2.53009	-.01041
1.250	-3.760	-.33070	-173.82130	-.14001	-.06045	-.00747	-.00323	1.24202	2.53243	-.00941
1.250	-3.513	-.33185	-173.38340	-.13089	-.05645	-.00701	-.00302	1.24288	2.53504	-.00818
1.250	-3.261	-.33107	-172.90570	-.12146	-.05234	-.00700	-.00302	1.24367	2.53744	-.00743
1.250	-3.019	-.33159	-172.34870	-.11221	-.04830	-.00691	-.00297	1.24414	2.53886	-.00648
GRADIENT		.00107	1.56134	.03657	.01606	.00080	.00036	.00329	.00999	.00418

IA310 (AEDC 16TF-783) PROBE CALIBRATION (TCM063) ( 04 OCT 91 )

PARAMETRIC DATA

BETA = -.250 PHI = 180.000

RUN NO. 1732/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
1.250	-5.009	-.07712	-178.18600	-.18487	-.08025	.00036	.00016	1.23740	2.51842	-.01482
1.250	-4.752	-.07960	-178.06650	-.17523	-.07598	.00074	.00032	1.23873	2.52244	-.01362
1.250	-4.500	-.07879	-177.98660	-.16655	-.07212	.00092	.00040	1.23963	2.52515	-.01237
1.249	-4.249	-.07926	-177.86710	-.15752	-.06813	.00118	.00051	1.23994	2.52611	-.01136
1.250	-4.002	-.07969	-177.74750	-.14828	-.06408	.00131	.00057	1.24130	2.53024	-.01022
1.250	-3.751	-.08139	-177.58830	-.13917	-.06009	.00154	.00066	1.24240	2.53358	-.00926
1.250	-3.500	-.07860	-177.46860	-.13025	-.05616	.00142	.00061	1.24284	2.53490	-.00809
1.250	-3.254	-.07920	-177.26950	-.12086	-.05207	.00141	.00061	1.24383	2.53793	-.00718
1.250	-3.003	-.07797	-177.07030	-.11170	-.04809	.00145	.00063	1.24463	2.54035	-.00634
	GRADIENT	.00046	.56799	.03643	.01600	.00040	.00017	.00344	.01044	.00418

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(TCM064) ( 04 OCT 91 )

PARAMETRIC DATA

BETA = .000 PHI = 180.000

RUN NO. 1733/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
1.250	-5.001	.16235	179.08430	-.18418	-.07994	.00887	.00385	1.23723	2.51792	-.01482
1.250	-4.738	.16065	179.04450	-.17470	-.07573	.00975	.00423	1.23844	2.52158	-.01354
1.250	-4.492	.15779	179.00450	-.16621	-.07199	.00948	.00411	1.23966	2.52525	-.01244
1.250	-4.240	.16121	178.88560	-.15690	-.06787	.01004	.00434	1.24036	2.52739	-.01130
1.250	-3.993	.16160	178.80620	-.14797	-.06394	.00997	.00431	1.24156	2.53102	-.01008
1.250	-3.737	.16087	178.72680	-.13864	-.05985	.00995	.00430	1.24256	2.53406	-.00914
1.250	-3.490	.15989	178.64730	-.12932	-.05577	.01035	.00446	1.24336	2.53649	-.00809
1.250	-3.239	.16044	178.52830	-.12017	-.05177	.01023	.00441	1.24348	2.53685	-.00724
1.249	-2.988	.16215	178.36980	-.11113	-.04783	.01009	.00434	1.24428	2.53931	-.00624
	GRADIENT	.00091	-.37576	.03649	.01602	.00033	.00013	.00333	.01010	.00417

IA310 (AEDC 16TF-783) PROBE CALIBRATION (TCM065) ( 04 OCT 91 )

PARAMETRIC DATA

BETA = .250 PHI = 180.000  
 RUN NO. 1734/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
1.249	-4.991	.42265	176.12430	-.18363	-.07970	.01814	.00787	1.23713	2.51760	-.01487
1.250	-4.732	.41525	175.96470	-.17401	-.07545	.01856	.00805	1.23828	2.52109	-.01371
1.250	-4.485	.41907	175.68680	-.16523	-.07156	.01906	.00826	1.23956	2.52497	-.01248
1.250	-4.232	.42052	175.40880	-.15621	-.06759	.01928	.00834	1.24044	2.52763	-.01144
1.250	-3.979	.42195	175.09120	-.14708	-.06355	.01945	.00840	1.24127	2.53014	-.01016
1.250	-3.732	.41869	174.81300	-.13792	-.05954	.01916	.00827	1.24214	2.53279	-.00916
1.250	-3.479	.42003	174.41620	-.12870	-.05550	.01906	.00822	1.24331	2.53635	-.00800
1.250	-3.226	.41766	174.01920	-.11957	-.05153	.01874	.00808	1.24350	2.53692	-.00746
1.250	-2.977	.41909	173.50360	-.11041	-.04752	.01865	.00803	1.24451	2.53999	-.00624
GRADIENT		-.00047	-1.28936	.03629	.01595	.00017	.00004	.00360	.01094	.00428

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(TCM066) ( 04 OCT 91 )

PARAMETRIC DATA

BETA = .500 PHI = 180.000  
 RUN NO. 1735/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
1.250	-4.984	.67061	173.28270	-.18292	-.07942	.02725	.01183	1.23790	2.51995	-.01485
1.250	-4.725	.66623	172.96420	-.17339	-.07517	.02734	.01185	1.23826	2.52104	-.01361
1.250	-4.471	.66622	172.56680	-.16461	-.07130	.02768	.01199	1.23928	2.52412	-.01267
1.250	-4.221	.66954	172.09030	-.15556	-.06730	.02792	.01208	1.24021	2.52693	-.01140
1.250	-3.972	.66809	171.61360	-.14663	-.06336	.02832	.01224	1.24110	2.52964	-.01025
1.250	-3.717	.66682	171.05770	-.13743	-.05932	.02844	.01228	1.24197	2.53227	-.00918
1.250	-3.466	.66681	170.42260	-.12826	-.05531	.02843	.01226	1.24309	2.53569	-.00810
1.250	-3.210	.66521	169.70830	-.11895	-.05125	.02767	.01192	1.24404	2.53855	-.00721
1.250	-2.963	.66603	168.87530	-.10982	-.04728	.02750	.01184	1.24441	2.53968	-.00644
GRADIENT		-.00152	-2.16077	.03610	.01587	.00027	.00006	.00348	.01056	.00424

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(TCM067) ( 04 OCT 91 )

PARAMETRIC DATA

BETA = .750 PHI = 180.000  
RUN NO. 1736/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
1.250	-4.976	.91977	170.48090	-.18257	-.07924	.03648	.01583	1.23744	2.51855	-.01469
1.250	-4.715	.91643	170.00360	-.17287	-.07497	.03656	.01585	1.23856	2.52193	-.01376
1.250	-4.464	.91694	169.44720	-.16434	-.07117	.03717	.01610	1.23932	2.52424	-.01250
1.250	-4.212	.91582	168.85120	-.15507	-.06709	.03701	.01601	1.24052	2.52788	-.01145
1.250	-3.960	.91478	168.17590	-.14600	-.06311	.03691	.01596	1.24130	2.53024	-.01040
1.250	-3.708	.91480	167.38190	-.13710	-.05919	.03721	.01607	1.24231	2.53329	-.00925
1.250	-3.453	.91399	166.50870	-.12781	-.05511	.03679	.01587	1.24294	2.53521	-.00811
1.250	-3.203	.91356	165.51660	-.11867	-.05113	.03663	.01578	1.24395	2.53829	-.00721
1.250	-2.947	.91187	164.36610	-.10947	-.04711	.03640	.01566	1.24431	2.53939	-.00626
GRADIENT		-.00311	-2.98179	.03597	.01581	-.00004	-.00009	.00347	.01053	.00424

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(TCM068) ( 04 OCT 91 )

PARAMETRIC DATA

BETA = 1.000 PHI = 180.000  
RUN NO. 1737/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
1.250	-4.968	1.16575	167.75840	-.18223	-.07912	.04577	.01987	1.23730	2.51812	-.01506
1.250	-4.705	1.16396	167.12210	-.17270	-.07489	.04572	.01983	1.23833	2.52122	-.01380
1.250	-4.455	1.16588	166.40690	-.16393	-.07102	.04591	.01989	1.23935	2.52432	-.01276
1.250	-4.206	1.16416	165.65190	-.15473	-.06696	.04587	.01985	1.24022	2.52696	-.01164
1.250	-3.950	1.16271	164.77810	-.14563	-.06296	.04591	.01985	1.24127	2.53015	-.01063
1.250	-3.694	1.15954	163.82500	-.13659	-.05897	.04579	.01977	1.24176	2.53164	-.00945
1.250	-3.440	1.16002	162.71370	-.12758	-.05502	.04563	.01968	1.24263	2.53427	-.00836
1.250	-3.190	1.15912	161.48350	-.11853	-.05108	.04548	.01960	1.24400	2.53844	-.00731
1.250	-2.938	1.15875	160.05540	-.10916	-.04700	.04506	.01940	1.24474	2.54070	-.00639
GRADIENT		-.00388	-3.74388	.03589	.01578	-.00028	-.00020	.00361	.01095	.00429



(TCM069) ( 04 OCT 91 )

IA310 (AEDC 16TF-783) REPEAT RUNS

PARAMETRIC DATA

BETA = .000 PHI = 180.000

RUN NO. 1671/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
.599	-7.999	.28034	178.97150	-.33883	-.06835	.01169	.00273	.57044	1.24692	-.02248
.599	-6.982	.27633	178.85120	-.29843	-.05989	.01359	.00273	.57710	1.25320	-.01734
.600	-5.975	.27709	178.65200	-.25550	-.05112	.01422	.00285	.58399	1.25979	-.01251
.600	-4.979	.27421	178.41300	-.21407	-.04273	.01460	.00291	.58883	1.26448	-.00907
.600	-3.977	.27437	178.01570	-.17263	-.03433	.01519	.00302	.59262	1.26819	-.00599
.600	-2.974	.27530	177.34120	-.13043	-.02588	.01474	.00292	.59590	1.27143	-.00347
.600	-1.968	.27206	176.11190	-.08776	-.01738	.01614	.00320	.59810	1.27360	-.00170
.601	-.949	.26529	172.54530	-.04431	-.00877	.01638	.00324	.59921	1.27472	-.00043
.600	-.078	-.17377	-.04303	-.01270	-.00251	-.00133	-.00026	.59921	1.27472	-.00043
.600	.971	-.28995	-6.85273	.02873	.00568	-.00504	-.00100	.59949	1.27499	-.00064
.600	1.989	-.29553	-3.52467	.07157	.01416	-.00331	-.00066	.59967	1.27518	-.00051
.600	GRADIENT	-.09744	-32.58343	.04090	.00814	-.00327	-.00065	.00146	.00144	.00116

RUN NO. 1747/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
.800	-7.999	.19622	179.28540	-.32582	-.09865	.01016	.00308	.76899	1.47881	-.03056
.800	-6.978	.19303	179.20520	-.28602	-.08608	.00907	.00273	.77671	1.48989	-.02346
.800	-5.977	.19519	179.04600	-.24567	-.07337	.01095	.00327	.78251	1.49832	-.01689
.800	-4.976	.19245	178.88670	-.20600	-.06130	.01079	.00321	.78807	1.50650	-.01208
.800	-3.981	.19540	178.56910	-.16611	-.04924	.01149	.00340	.79252	1.51311	-.00791
.800	-2.974	.19340	178.13250	-.12501	-.03694	.01158	.00349	.79548	1.51752	-.00484
.801	-1.972	.19112	177.26010	-.08457	-.02496	.01209	.00357	.79810	1.52147	-.00276
.800	-.965	.18831	174.68420	-.04421	-.01302	.01259	.00371	.79913	1.52303	-.00134
.800	.147	-.00052	120.62770	-.00195	-.00057	.00612	.00180	.79952	1.52362	-.00068
.800	.988	-.20428	-4.12070	.02908	.00855	-.00152	-.00045	.79904	1.52289	-.00078
.800	1.998	-.21468	-2.33733	.06952	.02044	-.00030	-.00009	.79893	1.52273	-.00076
.800	GRADIENT	-.06436	-27.83772	.03944	.01169	-.00188	-.00056	.00146	.00218	.00154

RUN NO. 1660/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
.900	-8.000	.20873	179.24620	-.31152	-.10773	.00897	.00310	.87058	1.63883	-.03181
.899	-6.979	.20977	179.12660	-.29372	-.09372	.01051	.00361	.87687	1.64980	-.02450
.900	-5.970	.20683	179.00670	-.23561	-.08036	.01102	.00376	.88328	1.66112	-.01780
.900	-4.971	.20618	178.80770	-.19722	-.06697	.01103	.00374	.88851	1.67046	-.01267
.900	-3.977	.20790	178.49010	-.15878	-.05369	.01206	.00408	.89218	1.67707	-.00859
.900	-2.966	.20575	178.01370	-.11953	-.04027	.01161	.00391	.89575	1.68354	-.00476
.900	-1.966	.20612	177.02250	-.08089	-.02719	.01175	.00395	.89717	1.68613	-.00290
.900	-.955	.20095	174.32770	-.04224	-.01419	.01210	.00406	.89897	1.68942	-.00136
.900	-.086	-.14121	-.04303	-.01140	-.00382	.00041	.00014	.89929	1.69000	-.00089
.900	.994	-.22574	-4.95217	.02769	.00929	-.00181	-.00061	.89907	1.68960	-.00095
.900	2.003	-.22886	-2.53519	.06634	.03226	-.00036	-.00012	.89869	1.68892	-.00111
.900	GRADIENT	-.07469	-32.43895	.03769	.01274	-.00217	-.00074	.00142	.00257	.00159

IA310 (AEDC 16TF-783) REPEAT RUNS

(TCM069) ( 04 OCT 91 )

PARAMETRIC DATA

BETA = .000 PHI = 180.000

RUN NO. 1739/ O RN/L = 2.51 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
1.099	-8.003	.06679	179.83640	-.28275	-.11599	.00324	.00133	1.07171	2.06127	-.03355
1.101	-6.975	.06991	179.79670	-.24747	-.10081	.00459	.00187	1.07990	2.08169	-.02537
1.101	-5.975	.06606	179.79620	-.21369	-.08648	.00455	.00184	1.08535	2.09543	-.01868
1.100	-4.978	.06443	179.75610	-.17921	-.07210	.00544	.00219	1.08929	2.10541	-.01309
1.100	-3.968	.05565	179.67590	-.14365	-.05754	.00576	.00231	1.09303	2.11494	-.00866
1.100	-2.977	.06656	179.31940	-.10806	-.04314	.00608	.00243	1.09596	2.12247	-.00523
1.100	-1.970	.07030	179.04210	-.07303	-.02909	.00632	.00252	1.09802	2.12776	-.00275
1.100	-.971	.06638	178.44750	-.03915	-.01557	.00695	.00277	1.09887	2.12993	-.00149
1.100	.041	.01745	166.24620	-.00591	-.00235	.00626	.00249	1.09898	2.13021	-.00097
1.100	1.007	-.08240	-.83435	.02580	.01026	.00346	.00138	1.09938	2.13125	-.00075
1.100	2.014	-.09837	-.59563	.06010	.02388	.00338	.00134	1.09913	2.13062	-.00080
GRADIENT		-.02357	-26.20811	.03413	.01367	-.00029	-.00012	.00132	.00338	.00167

RUN NO. 1723/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
1.250	-7.999	.15655	179.48220	-.29102	-.12888	.00752	.00333	1.22081	2.46868	-.03533
1.250	-6.974	.16262	179.36310	-.25599	-.11251	.00888	.00390	1.22797	2.49005	-.02725
1.250	-5.971	.16374	179.24370	-.22039	-.09611	.00886	.00387	1.23381	2.50758	-.01942
1.250	-4.969	.15782	179.12370	-.18369	-.07975	.00962	.00418	1.23808	2.52047	-.01475
1.250	-3.973	.15626	178.88520	-.14789	-.06393	.00958	.00414	1.24153	2.53095	-.01045
1.250	-2.972	.15763	178.44890	-.11148	-.04799	.00977	.00421	1.24453	2.54005	-.00635
1.250	-1.970	.16071	177.61640	-.07605	-.03265	.01014	.00435	1.24690	2.54730	-.00355
1.250	-.960	.15682	175.47640	-.04080	-.01749	.01071	.00459	1.24837	2.55177	-.00185
1.250	.118	.02057	132.50660	-.00299	-.00128	.00694	.00298	1.24809	2.55090	-.00217
1.250	.996	-.16974	-3.21007	.02679	.01147	.00096	.00041	1.24873	2.55287	-.00108
1.250	2.008	-.18309	-1.90197	.06206	.02660	.00129	.00055	1.24886	2.55326	-.00162
GRADIENT		-.05254	-27.41766	.03519	.01521	-.00129	-.00056	.00147	.00449	.00182

RUN NO. 1712/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
1.400	-7.997	.14633	179.48180	-.32045	-.14948	.01052	.00491	1.36866	2.94096	-.03672
1.400	-6.974	.15321	179.36290	-.28247	-.13071	.01122	.00519	1.37585	2.96554	-.02842
1.400	-5.972	.14665	179.32230	-.24375	-.11202	.01110	.00510	1.38198	2.98664	-.02127
1.400	-4.974	.14170	179.20250	-.20479	-.09357	.01038	.00474	1.38654	3.00240	-.01548
1.400	-3.973	.14329	178.96430	-.16560	-.07527	.01184	.00538	1.39133	3.01901	-.01012
1.400	-2.972	.14545	178.56760	-.12350	-.05595	.01150	.00521	1.39394	3.02809	-.00692
1.400	-1.972	.14470	177.89360	-.08466	-.03826	.01095	.00495	1.39618	3.03588	-.00448
1.400	-.966	.14181	175.99140	-.04618	-.02081	.01152	.00495	1.39897	3.04565	-.00143
1.399	.111	.02188	135.47630	-.00516	-.00232	.00783	.00353	1.39839	3.04361	-.00113
1.400	.998	-.15950	-2.93286	.02845	.01281	.00233	.00105	1.39909	3.04605	-.00078
1.400	2.020	-.16774	-1.66449	.06727	.03033	.00271	.00122	1.39800	3.04226	-.00210
GRADIENT		-.04803	-27.27467	.03888	.01768	-.00132	-.00061	.00161	.00561	.00192

PARAMETRIC DATA

BETA = .000 PHI = 180.000

RUN NO. 1705/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
1.450	-7.994	.25818	179.08950	-.33885	-.16051	.01424	.00674	1.41630	3.10666	-.03888
1.450	-6.971	.26157	178.93020	-.29927	-.14068	.01435	.00674	1.42347	3.13216	-.03088
1.450	-5.968	.26044	178.77060	-.25783	-.12037	.01490	.00696	1.42863	3.15058	-.02403
1.450	-4.971	.25945	178.53170	-.21807	-.10115	.01534	.00711	1.43509	3.17380	-.01725
1.450	-3.968	.25539	178.17390	-.17672	-.08143	.01637	.00754	1.44066	3.19390	-.01057
1.450	-2.965	.25787	177.49940	-.13235	-.06082	.01591	.00731	1.44308	3.20265	-.00780
1.450	-1.961	.25558	176.30980	-.09123	-.04182	.01600	.00733	1.44539	3.21103	-.00526
1.450	-.944	.25056	172.90180	-.05040	-.02297	.01730	.00788	1.45113	3.23188	-.00078
1.449	-.091	.16532	-.00344	-.01401	-.00640	.00201	.00092	1.44802	3.22055	-.00160
1.450	.974	-.27636	-6.57559	.02961	.01348	-.00088	-.00040	1.45103	3.23151	-.00131
1.450	2.001	-.28047	-3.28716	.07076	.03236	-.00045	.00021	1.44774	3.21956	-.00281
1.450	GRADIENT	-.09208	-32.56052	.04148	.01914	-.00275	-.00127	.00194	.00703	.00223

RUN NO. 1698/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
1.471	-7.998	-.23648	179.16800	-.35080	-.16639	.01366	.00648	1.44101	3.19516	-.03908
1.471	-6.970	.23732	179.04830	-.31049	-.14592	.01379	.00648	1.44915	3.22466	-.02956
1.472	-5.972	.23744	178.88880	-.26592	-.12430	.01394	.00651	1.45425	3.24324	-.02394
1.471	-4.970	.23741	178.65010	-.22310	-.10373	.01545	.00718	1.45864	3.25932	-.01859
1.471	-3.973	.23313	178.33190	-.18016	-.08334	.01588	.00735	1.46220	3.27239	-.01372
1.471	-2.970	.23498	177.73680	-.13562	-.06258	.01662	.00767	1.46514	3.28321	-.01098
1.471	-1.962	.23374	176.62650	-.09317	-.04294	.01630	.00751	1.46607	3.28663	-.00978
1.470	-.947	.23128	173.45630	-.05089	-.02341	.01734	.00798	1.46643	3.28797	-.00977
1.469	.149	-.13809	87.20670	-.00494	-.00227	.00267	.00123	1.46681	3.28936	-.00890
1.469	.980	-.24703	-5.42734	.02859	.01313	.00027	.00012	1.46689	3.28966	-.00889
1.469	2.007	-.25983	-3.01013	.07089	.03251	.00085	.00039	1.46774	3.29279	-.00784
1.469	GRADIENT	-.08331	-29.19633	.04211	.01949	-.00263	-.00122	.00110	.00406	.00126

RUN NO. 1668/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
1.496	-7.999	.22343	179.20720	-.35952	-.17300	.01398	.00673	1.45814	3.25748	-.04760
1.497	-6.971	.22515	179.08760	-.32032	-.15286	.01702	.00812	1.46604	3.28653	-.03887
1.497	-5.968	.22227	178.96770	-.27940	-.13250	.01724	.00818	1.47167	3.30733	-.03242
1.496	-4.966	.22349	178.72910	-.23650	-.11157	.01731	.00817	1.47585	3.32282	-.02708
1.497	-3.969	.22082	178.41100	-.19273	-.09043	.01809	.00849	1.48079	3.34118	-.02149
1.497	-2.967	.22142	177.85550	-.14622	-.06843	.01858	.00870	1.48318	3.35011	-.01885
1.497	-1.965	.22011	176.82450	-.10181	-.04763	.01789	.00837	1.48394	3.35292	-.01828
1.497	-.953	.21524	173.89200	-.05759	-.02695	.01878	.00879	1.48343	3.35102	-.01878
1.497	.161	-.08155	99.40356	-.00457	-.00214	.00288	.00340	1.48488	3.35645	-.01700
1.496	.878	-.12950	1.14538	.02812	.01314	.00393	.00183	1.48388	3.35271	-.01773
1.499	1.999	-.24303	-2.73309	.07644	.03569	-.00116	-.00054	1.48508	3.35720	-.01653
1.496	GRADIENT	-.07099	-28.40020	.04514	.02121	-.00278	-.00131	.00102	.00381	.00118

IA310 (AEDC 16TF-783) REPEAT RUNS

(TCM069) ( 04 OCT 91 )

PARAMETRIC DATA

BETA = .000 PHI = 180.000

RUN NO. 1686/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
1.520	-7.997	.22510	179.16740	-.38869	-.18688	.01607	.00772	1.48675	3.36344	-.04320
1.520	-6.969	.22623	179.04780	-.35315	-.16834	.01765	.00841	1.49446	3.39237	-.03429
1.520	-5.968	.22276	178.92790	-.31278	-.14795	.01708	.00808	1.50132	3.41826	-.02634
1.520	-4.966	.22174	178.72890	-.26808	-.12633	.01649	.00777	1.50461	3.43073	-.02255
1.520	-3.970	.21867	178.41090	-.22382	-.10518	.01753	.00824	1.50761	3.44210	-.01959
1.520	-2.967	.22154	177.81580	-.17042	-.08001	.01706	.00801	1.50821	3.44440	-.01869
1.520	-1.965	.22194	176.74530	-.11293	-.05301	.01439	.00676	1.50819	3.44432	-.01846
1.520	-.952	.21520	173.89200	-.05172	-.02426	.00987	.00463	1.50923	3.44828	-.01767
1.520	.163	-.07679	101.62110	-.00016	-.00008	.00286	.00134	1.50991	3.45088	-.01679
1.520	.984	-.23155	-4.91260	.02633	.01234	-.00263	-.00123	1.51004	3.45135	-.01663
1.520	2.000	-.24252	-2.77273	.08155	.03825	-.00817	-.00383	1.50905	3.44758	-.01747
GRADIENT		-.07611	-28.62250	.05091	.02395	-.00381	-.00179	.00059	.00225	.00068

RUN NO. 1679/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
1.545	-7.992	.22464	179.20740	-.42343	-.20153	.01509	.00718	1.52612	3.51293	-.02960
1.542	-6.974	.22505	179.08760	-.35606	-.16878	.01598	.00757	1.52587	3.51197	-.02602
1.543	-5.972	.22220	178.96770	-.28270	-.13389	.01053	.00499	1.52822	3.52104	-.02488
1.543	-4.971	.21958	178.76850	-.22064	-.10444	.00565	.00267	1.52868	3.52280	-.02435
1.543	-3.969	.22097	178.41100	-.16619	-.07858	.00795	.00376	1.52954	3.52612	-.02322
1.542	-2.968	.22104	177.85540	-.11188	-.05280	.00844	.00399	1.52995	3.52770	-.02161
1.542	-1.960	.21936	176.82450	-.07126	-.03368	.00653	.00309	1.52865	3.52270	-.02314
1.543	-.952	-.21464	173.89200	-.03900	-.01845	.00951	.00450	1.52910	3.52443	-.02366
1.543	.164	-.07019	101.77940	.00111	.00053	.00668	.00315	1.52933	3.52531	-.02269
1.543	.983	-.23139	-4.87300	.02861	.01353	-.00369	-.00175	1.52880	3.52329	-.02331
1.543	1.994	-.24278	-2.73310	.05632	.02661	-.00321	-.00151	1.52949	3.52594	-.02264
GRADIENT		-.07576	-28.60898	.03916	.01852	-.00144	-.00068	.00001	.00003	.00009

IA310 (AEDC 16TF-783) REPEAT RUNS (TCM070) ( 04 OCT 91 )

## PARAMETRIC DATA

ALPHA = -4.000 PHI = 180.000

RUN NO. 1674/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	ALPHA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
.601	-3.798	-4.19741	-136.66310	-18732	-.03744	-.15743	-.03147	.58823	1.26390	-.00978
.601	-2.772	-4.15446	-144.90700	-18333	-.03658	-.11432	-.02281	.59017	1.26578	-.00822
.601	-1.749	-4.10699	-155.33730	-18018	-.03588	-.07063	-.01407	.59198	1.26756	-.00668
.601	-.732	-4.05306	-167.96020	-17616	-.03508	-.02772	-.00552	.59261	1.26817	-.00631
.601	-.290	-3.98572	-1.65364	-17325	-.03451	-.00580	-.00116	.59308	1.26864	-.00606
.600	.738	-4.06243	-12.64494	-17550	-.03491	.03658	.00728	.59245	1.26802	-.00612
.600	1.758	-4.11453	-25.23834	-17848	-.03549	.08018	.01595	.59097	1.26656	-.00695
.600	2.783	-4.15551	-35.61243	-17951	-.03580	.12464	.02486	.58963	1.26526	-.00845
.600	3.824	-4.18861	-43.92581	-18095	-.03615	.16780	.03353	.58701	1.26271	-.01040
	GRADIENT	-.00055	18.83114	.00070	.00014	.04283	.00855	-.00017	-.00017	-.00007

RUN NO. 1750/ 0 RN/L = 2.51 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	ALPHA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
.799	-3.857	-4.13863	-136.22540	-17692	-.05257	-.15320	-.04552	.78594	1.50336	-.01282
.800	-2.832	-4.10525	-144.47010	-17368	-.05157	-.11152	-.03311	.78892	1.50775	-.01072
.800	-1.818	-4.07292	-154.86160	-17117	-.05080	-.07021	-.02084	.79060	1.51024	-.00956
.800	-.810	-4.03324	-167.40550	-16834	-.04990	-.02923	-.00866	.79149	1.51156	-.00848
.800	-.212	-3.98960	-1.10047	-16568	-.04909	-.00267	-.00079	.79239	1.51291	-.00776
.800	.826	-4.04458	-13.35616	-16633	-.04930	.03861	.01144	.79183	1.51207	-.00827
.800	1.837	-4.08102	-25.83157	-16850	-.05000	.07975	.02366	.79077	1.51049	-.00934
.800	2.848	-4.10886	-36.08810	-17031	-.05059	.12123	.03601	.78894	1.50778	-.01087
.800	3.869	-4.13494	-44.24481	-17164	-.05111	.16218	.04829	.78624	1.50379	-.01348
	GRADIENT	-.00073	18.63700	.00066	.00019	.04090	.01216	.00002	.00003	-.00005

RUN NO. 1663/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	ALPHA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
.899	-3.844	-4.14681	-136.30480	-17038	-.05784	-.14646	-.04972	.88722	1.66815	-.01326
.900	-2.815	-4.11075	-144.58880	-16662	-.05651	-.10615	-.03600	.88995	1.67304	-.01123
.900	-1.803	-4.07821	-154.98040	-16434	-.05566	-.06688	-.02265	.89147	1.67579	-.00974
.900	-.791	-4.03393	-167.56390	-16155	-.05461	-.02743	-.00927	.89199	1.67672	-.00852
.900	-.227	-3.98438	-1.21901	-15874	-.05366	-.00247	-.00083	.89247	1.67759	-.00825
.900	.813	-4.04362	-13.27723	-16018	-.05417	.03679	.01244	.89213	1.67698	-.00863
.900	1.818	-4.08655	-25.67358	-16188	-.05481	.07617	.02579	.89112	1.67516	-.00983
.900	2.839	-4.11995	-36.00870	-16340	-.05537	.11655	.03949	.88918	1.67166	-.01129
.900	3.865	-4.14011	-44.24448	-16465	-.05595	.15571	.05291	.88652	1.66690	-.01415
	GRADIENT	-.00087	18.66681	.00067	.00022	.03930	.01334	-.00011	-.00020	-.00008

IA310 (AEDC 16TF-783) REPEAT RUNS

(TCM070) ( 04 OCT 91 )

PARAMETRIC DATA

ALPHA = -4.000 PHI = 180.000

RUN NO. 1742/ 0 RN/L = 2.51 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	ALPHA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
1.100	-3.945	-4.05146	-135.50860	-15025	-06050	-13600	-05476	1.08821	2.10267	-0.1408
1.100	-2.928	-4.02818	-143.67550	-14813	-05951	-09991	-04014	1.09062	2.10880	-0.1158
1.099	-1.929	-4.01582	-153.94940	-14648	-05874	-06478	-02597	1.09113	2.11010	-0.1009
1.100	-.941	-3.99808	-166.45470	-14467	-05796	-02970	-01190	1.09255	2.11372	-0.0896
1.100	-.084	-3.98909	-.39032	-14410	-05773	-.00223	-.00089	1.09296	2.11476	-0.0873
1.100	.958	-4.01094	-14.18525	-14390	-05766	.03865	.01548	1.09227	2.11300	-0.0911
1.100	1.961	-4.02216	-26.78099	-14467	-05802	.07435	.02982	1.09149	2.11101	-0.1005
1.100	2.955	-4.03578	-36.84125	-14529	-05836	.10948	.04398	1.08988	2.10692	-0.1180
1.100	3.979	-4.04450	-45.11850	-14605	-05883	.14531	.05853	1.08774	2.10149	-0.1449
GRADIENT		-.00039	18.18935	.00050	.00020	.03558	.01431	-.00007	-.00017	-.00005

RUN NO. 1726/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	ALPHA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
1.250	-3.880	-4.11910	-136.06620	-15693	-06812	-13746	-05967	1.23741	2.51846	-0.1488
1.250	-2.850	-4.08185	-144.31080	-15383	-06667	-09954	-04314	1.23893	2.52306	-0.1314
1.250	-1.844	-4.05905	-154.70300	-15189	-06574	-06307	-02730	1.24031	2.52724	-0.1175
1.250	-.837	-4.02813	-167.24690	-15004	-06487	-02647	-01144	1.24116	2.52982	-0.1065
1.250	-.177	-3.99397	-.86354	-14780	-06384	-.00019	-.00008	1.24151	2.53089	-0.0986
1.250	.878	-4.03929	-13.83013	-14854	-06419	.03677	.01589	1.24105	2.52950	-0.1028
1.250	1.874	-4.06178	-26.14798	-14974	-06478	.07266	.03143	1.24019	2.52686	-0.1138
1.249	2.908	-4.08897	-36.56227	-15116	-06550	.11012	.04772	1.23861	2.52209	-0.1314
1.249	3.911	-4.11015	-44.56172	-15222	-06616	.14585	.06339	1.23607	2.51441	-0.1616
GRADIENT		-.00025	18.45098	.00055	.00024	.03640	.01579	-.00012	-.00037	-.00008

RUN NO. 1718/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	ALPHA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
1.400	-3.892	-4.10763	-135.98660	-17344	-07926	-15060	-06882	1.38592	3.00026	-0.1580
1.400	-2.866	-4.07165	-144.23170	-17143	-07816	-11006	-05018	1.38881	3.01027	-0.1327
1.400	-1.858	-4.05314	-154.62380	-16957	-07716	-06933	-03154	1.39028	3.01535	-0.1123
1.400	-.851	-4.02571	-167.16780	-16752	-07616	-02906	-01321	1.39142	3.01930	-0.1034
1.400	-.163	-3.98864	-.74491	-16487	-07490	.00195	.00088	1.39148	3.01952	-0.0976
1.400	.886	-4.03127	-13.86979	-16544	-07520	.04320	.01964	1.39103	3.01794	-0.1024
1.400	1.894	-4.05191	-26.34573	-16618	-07561	.08346	.03757	1.39027	3.01530	-0.1120
1.399	2.898	-4.08131	-36.48412	-16743	-07627	.12380	.05639	1.38861	3.00956	-0.1258
1.400	3.926	-4.10116	-44.68069	-16862	-07698	.16456	.07513	1.38712	3.00438	-0.1473
GRADIENT		-.00031	18.41451	.00068	.00032	.04047	.01846	-.00006	.00021	.00011

IA310 (AEDC 16TF-783) REPEAT RUNS (TCM070) ( 04 OCT 91 )

## PARAMETRIC DATA

ALPHA = -4.000 PHI = 180.000

RUN NO. 1708/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	ALPHA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
1.450	-3.810	-4.18364	-136.54380	-.18549	-.08614	-.15642	-.07264	1.43331	3.16740	-.01864
1.450	-2.773	-4.14115	-144.86660	-.18386	-.08511	-.11271	-.05217	1.43669	3.17955	-.01518
1.450	-1.757	-4.09818	-155.29740	-.18259	-.08428	-.07016	-.03238	1.43942	3.18941	-.01222
1.450	-.740	-4.04281	-167.92040	-.18013	-.08302	-.02694	-.01242	1.44076	3.19425	-.01076
1.450	-.276	-3.98587	1.57468	-.17420	-.08054	-.00391	-.00181	1.43718	3.18132	-.01415
1.450	.759	-4.05955	-12.84254	-.17663	-.08168	.03838	.01775	1.43733	3.18185	-.01428
1.450	1.776	-4.10715	-25.39664	-.17941	-.08303	.08135	.03765	1.43630	3.17815	-.01512
1.449	2.820	-4.14438	-35.96814	-.18153	-.08418	.12544	.05817	1.43417	3.17047	-.01725
1.450	3.841	-4.17664	-44.08456	-.18187	-.08465	.16689	.07767	1.43196	3.16254	-.02070
	GRADIENT	-.00089	18.72298	.00051	.00020	.04244	.01970	-.00039	-.00142	-.00042

RUN NO. 1701/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	ALPHA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
1.469	-3.822	-4.16994	-136.46400	-.19095	-.08858	-.16081	-.07460	1.45843	3.25855	-.01854
1.469	-2.791	-4.12672	-144.74760	-.18832	-.08717	-.11633	-.05385	1.46018	3.26497	-.01641
1.470	-1.772	-4.08929	-155.21810	-.18598	-.08599	-.07154	-.03308	1.46183	3.27103	-.01504
1.470	-.761	-4.04219	-167.80170	-.18319	-.08461	-.02766	-.01277	1.46247	3.27339	-.01402
1.470	-.253	-3.98656	1.37699	-.18268	-.08439	-.00066	-.00030	1.46225	3.27257	-.01431
1.470	.800	-4.05087	-13.27711	-.18419	-.08511	.04388	.02028	1.46199	3.27161	-.01456
1.470	1.821	-4.09833	-25.83107	-.18686	-.08642	.08863	.04099	1.46129	3.26906	-.01541
1.469	2.820	-4.13058	-35.92935	-.18896	-.08750	.13366	.06189	1.45975	3.26340	-.01672
1.470	3.850	-4.15944	-44.16451	-.19145	-.08886	.17819	.08271	1.45821	3.25774	-.01894
	GRADIENT	-.00042	18.71448	-.00014	-.00007	.04437	.02056	-.00007	-.00026	-.00007

RUN NO. 1694/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	ALPHA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
1.495	-3.837	-4.16375	-136.38460	-.19901	-.09370	-.16640	-.07835	1.47584	3.32279	-.02703
1.495	-2.802	-4.11971	-144.66810	-.19733	-.09272	-.12087	-.05679	1.47795	3.33060	-.02495
1.495	-1.786	-4.08323	-155.09920	-.19606	-.09189	-.07433	-.03483	1.48018	3.33889	-.02227
1.495	-.778	-4.03914	-167.64310	-.19359	-.09078	-.02853	-.01338	1.47987	3.33775	-.02272
1.495	.240	-3.97896	1.29800	-.18748	-.08786	-.00268	-.00126	1.48042	3.33980	-.02195
1.495	.799	-4.04813	-13.15859	-.18946	-.08879	.04304	.02017	1.48037	3.33962	-.02216
1.495	1.817	-4.08534	-25.75249	-.19140	-.08969	.08918	.04179	1.48068	3.34076	-.02216
1.495	2.838	-4.12662	-36.04787	-.19338	-.09072	.13571	.06366	1.47897	3.33441	-.02368
1.494	3.869	-4.15193	-44.28320	-.19525	-.09172	.18123	.08513	1.47617	3.32401	-.02661
	GRADIENT	-.00025	18.63989	.00067	.00034	.04526	.02126	-.00009	-.00035	.00010

IA310 (AEDC 16TF-783) REPEAT RUNS

(TCM070) ( 04 OCT 91 )

PARAMETRIC DATA

ALPHA = -4.000 PHI = 180.000

RUN NO. 1689/ O RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	ALPHA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
1.521	-3.833	-4.16107	-136.42420	-.22159	-.10456	-.18462	-.08712	1.50442	3.43001	-.02302
1.521	-2.804	-4.11965	-144.66830	-.22183	-.10452	-.13561	-.06390	1.50576	3.43510	-.02155
1.521	-1.786	-4.08398	-155.09920	-.22366	-.10524	-.08765	-.04124	1.50699	3.43975	-.02020
1.520	-.775	-4.03482	-167.68270	-.22344	-.10505	-.03689	-.01734	1.50762	3.44214	-.01938
1.520	-.241	-3.98661	1.33766	-.21361	-.10041	-.00217	-.00102	1.50779	3.44280	-.01921
1.520	.809	-4.05426	-13.27696	-.21835	-.10262	.04975	.02338	1.50790	3.44324	-.01900
1.520	1.827	-4.08867	-25.83122	-.22227	-.10451	.10519	.04946	1.50700	3.43980	-.01951
1.520	2.854	-4.12526	-36.16602	-.22521	-.10599	.15900	.07483	1.50628	3.43708	-.02039
1.520	3.870	-4.14658	-44.28317	-.22646	-.10671	.21049	.09918	1.50537	3.43361	-.02154
	GRADIENT	-.00021	18.61910	-.00045	-.00019	.05186	.02443	.00009	.00036	.00019

RUN NO. 1682/ O RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	ALPHA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
1.543	-3.836	-4.16413	-136.38460	-.19177	-.09079	-.18995	-.08993	1.52821	3.52099	-.02388
1.543	-2.801	-4.12026	-144.66810	-.18502	-.08760	-.13805	-.06536	1.52824	3.52112	-.02393
1.543	-1.788	-4.08256	-155.05950	-.17796	-.08425	-.08809	-.04171	1.52857	3.52240	-.02382
1.544	-.776	-4.03985	-167.68280	-.17052	-.08067	-.03998	-.01892	1.52958	3.52628	-.02300
1.543	-.240	-3.98971	1.29799	-.15579	-.07347	-.00591	-.00279	1.53196	3.53548	-.01985
1.543	.797	-4.04877	-13.15870	-.16080	-.07579	.03552	.01674	1.53258	3.53787	-.01930
1.544	1.818	-4.09067	-25.75243	-.17037	-.08031	.08092	.03814	1.53260	3.53797	-.01930
1.543	2.831	-4.12581	-35.96898	-.18020	-.08499	.12840	.06056	1.53144	3.53347	-.01998
1.544	3.870	-4.15112	-44.28317	-.19030	-.08989	.18028	.08516	1.53096	3.53163	-.02137
	GRADIENT	-.00025	18.64952	.00066	.00036	.04764	.02252	.00054	.00209	.00059



IA310 (AEDC 16TF-783) REPEAT RUNS

(TCM071) ( 04 OCT 91 )

PARAMETRIC DATA

ALPHA = .000 PHI = 180.000

RUN NO. 1675/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	ALPHA	PHI	CPAQ	CPALPH	CPBO	CPBETA	MPROBE	CPM	CPTD
.601	-3.993	-.27212	-91.98181	-.01861	-.00370	-.15868	-.03153	.59684	1.27236	-.00326
.600	-2.974	-.27187	-92.65096	-.01806	-.00358	-.11596	-.02296	.59817	1.27368	-.00161
.601	-1.969	-.27134	-93.99310	-.01779	-.00353	-.07299	-.01447	.59931	1.27482	-.00115
.601	-.950	-.26340	-97.78944	-.01814	-.00359	-.03030	-.00600	.59947	1.27498	-.00093
.600	-.173	-.08255	-.04303	-.01227	-.00243	-.00122	-.00024	.59943	1.27494	-.00056
.601	.831	.38920	76.15369	.00721	.00143	.03967	.00785	.59981	1.27531	-.00062
.601	1.996	.31350	86.09024	.00467	.00093	.08795	.01742	.59933	1.27484	-.00104
.600	3.003	.29627	87.71065	.00505	.00100	.13081	.02589	.59812	1.27363	-.00154
.601	4.011	.29447	88.30115	.00572	.00114	.17358	.03445	.59661	1.27213	-.00307
	GRADIENT	.09629	29.85448	.00395	.00078	.04126	.00818	-.00002	-.00002	.00002

RUN NO. 1751/ O RN/L = 2.51 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	ALPHA	PHI	CPAQ	CPALPH	CPBO	CPBETA	MPROBE	CPM	CPTD
.799	-3.996	-.19053	-91.38377	-.01474	-.00435	-.15220	-.04486	.79486	1.51660	-.00427
.800	-2.975	-.19212	-91.89575	-.01452	-.00428	-.11073	-.03265	.79737	1.52037	-.00284
.800	-1.973	-.19181	-92.84312	-.01395	-.00411	-.07058	-.02078	.79849	1.52205	-.00165
.800	-.960	-.18730	-95.57173	-.01494	-.00440	-.03106	-.00915	.79933	1.52332	-.00112
.800	.100	.12680	-177.74150	-.00339	-.00100	.01090	.00321	.79913	1.52303	-.00082
.800	.982	-.17858	-85.27518	-.01512	-.00445	.04316	.01269	.79886	1.52262	-.00093
.800	2.008	-.18966	-87.33067	-.01400	-.00412	.08464	.02491	.79866	1.52232	-.00128
.800	3.009	-.19013	-88.19888	-.01238	-.00365	.12583	.03706	.79766	1.52082	-.00220
.800	4.014	-.19415	-88.59196	-.01147	-.00338	.16611	.04900	.79578	1.51799	-.00402
	GRADIENT	.00048	.61023	.00034	.00010	.03953	.01165	.00008	.00012	.00007

RUN NO. 1664/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	ALPHA	PHI	CPAQ	CPALPH	CPBO	CPBETA	MPROBE	CPM	CPTD
.900	-3.998	-.20566	-91.50331	-.01460	-.00491	-.14578	-.04906	.89563	1.68331	-.00428
.900	-2.967	-.20501	-92.01498	-.01417	-.00476	-.10581	-.03557	.89754	1.68681	-.00269
.900	-1.967	-.20511	-93.04135	-.01357	-.00456	-.06758	-.02269	.89809	1.68781	-.00186
.900	-.957	-.19942	-95.92815	-.01432	-.00480	-.02954	-.00991	.89870	1.68892	-.00128
.900	-.141	-.09065	-.04304	-.01151	-.00386	-.00066	-.00022	.89866	1.68885	-.00119
.900	.859	.33135	78.01566	.00368	.00123	.03849	.01291	.89914	1.68972	-.00091
.899	2.010	.24478	87.12164	.00089	.00030	.08175	.02742	.89808	1.68779	-.00128
.900	3.016	.23031	88.34686	.00128	.00043	.12028	.04040	.89761	1.68692	-.00231
.900	4.020	.22855	88.77986	.00204	.00069	.15966	.05372	.89621	1.68437	-.00382
	GRADIENT	.07429	29.83333	.00266	.00089	.03792	.01275	.00004	.00008	.00007

IA310 (AEDC 16TF-783) REPEAT RUNS

(TCM071) ( 04 OCT 91 )

PARAMETRIC DATA

ALPHA = .000 PHI = 180.000

RUN NO. 1743/ O RN/L = 2.51 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	ALPHA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
1.100	-3.997	-06197	-90.30794	-00824	-00329	-13159	-05249	1.09598	2.12251	-00460
1.100	-2.974	-04579	-90.46548	-00738	-00294	-09525	-03792	1.09750	2.12639	-00271
1.100	-1.972	-06509	-91.17741	-00725	-00288	-06086	-02421	1.09884	2.12986	-00157
1.100	-.972	-07143	-92.24513	-00865	-00344	-02732	-01086	1.09946	2.13145	-00087
1.100	.014	-02009	-108.83110	-00830	-00330	-00617	-02445	1.09916	2.13068	-00074
1.100	1.022	-11158	-85.55331	-01111	-00442	-03926	-01560	1.09927	2.13096	-00084
1.100	2.022	-05187	-89.27365	-00795	-00316	-07436	-02957	1.09896	2.13016	-00119
1.100	3.027	-06264	-89.27243	-00706	-00281	-10995	-04374	1.09806	2.12785	-00202
1.100	4.021	-06196	-89.42972	-00550	-00219	-14525	-05791	1.09619	2.12306	-00423
	GRADIENT	-00107	.29475	.00013	.00005	.03430	.01366	.00004	.00011	.00007

RUN NO. 1727/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	ALPHA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
1.250	-3.998	-15493	-91.14455	-01210	-00521	-13492	-05806	1.24514	2.54192	-00588
1.250	-2.968	-16591	-91.69669	-01197	-00514	-09789	-04204	1.24648	2.54599	-00391
1.250	-1.968	-16042	-92.36723	-01155	-00495	-06338	-02718	1.24816	2.55115	-00245
1.250	-.964	-15603	-94.54210	-01224	-00524	-02778	-01190	1.24821	2.55127	-00161
1.250	.099	-02879	-149.63650	-00664	-00285	-01000	-00428	1.24800	2.55065	-00211
1.250	1.046	-29449	-78.66402	-01783	-00765	-04156	-01782	1.24812	2.55099	-00229
1.250	2.021	-13433	-88.36101	-01145	-00491	-07634	-03274	1.24793	2.55045	-00244
1.250	3.018	-16146	-88.39792	-01126	-00483	-11243	-04823	1.24733	2.54861	-00287
1.250	4.018	-15784	-88.83121	-01017	-00437	-14861	-06389	1.24554	2.54315	-00506
	GRADIENT	-00124	.65427	.00008	.00003	.03523	.01513	.00006	.00019	.00010

RUN NO. 1719/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	ALPHA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
1.400	-4.003	-14267	-91.06471	-01403	-00634	-14875	-06728	1.39551	3.03354	-00516
1.400	-2.974	-14593	-91.45850	-01334	-00603	-10694	-04830	1.39678	3.03799	-00384
1.400	1.969	-14427	-92.12933	-01318	-00595	-06887	-03108	1.39758	3.04079	-00300
1.400	-.964	-14236	-94.14609	-01317	-00593	-03016	-01358	1.39934	3.04694	-00078
1.400	.092	-02419	-146.10770	-00792	-00357	-01090	-00491	1.39866	3.04457	-00114
1.400	1.046	-27282	-79.41634	-01915	-00863	-04759	-02145	1.39832	3.04337	-00194
1.400	2.020	-12243	-88.55933	-01242	-00560	-08570	-03864	1.39791	3.04195	-00212
1.400	3.018	-14558	-88.59653	-01164	-00525	-12545	-05657	1.39793	3.04199	-00223
1.400	4.023	-14745	-88.95074	-01045	-00472	-16562	-07482	1.39594	3.03505	-00421
	GRADIENT	-00161	.59325	.00025	.00011	.03898	.01760	.00008	.00029	.00016

IA310 (AEDC 16TF-783) TABULATED DATA  
IA310 (AEDC 16TF-783) REPEAT RUNS

PARAMETRIC DATA

ALPHA = .000 PHI = 180.000

MACH	BETA	ALPHA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
1.450	-3.994	-25646	-91.90189	-0.1903	-0.0873	-0.15800	-0.7245	1.44504	3.20973	-0.00571
1.450	-2.963	-25941	-92.57124	-0.1870	-0.0857	-1.1312	-0.5184	1.44542	3.21112	-0.00512
1.450	-1.954	-25473	-93.75513	-0.1840	-0.0842	-0.7233	-0.3311	1.44661	3.21544	-0.00402
1.450	-1.942	-24938	-97.35379	-0.1904	-0.0867	-0.3139	-0.1430	1.45067	3.23021	-0.00088
1.449	-1.165	-09141	-0.04304	-0.1421	-0.0649	-0.0224	-0.0102	1.44764	3.21917	-0.00144
1.450	.966	.29022	82.84689	.00000	.00000	.05044	.02297	1.45067	3.23022	.00107
1.451	2.005	.28802	86.60562	-0.0023	-0.0011	.09239	.04227	1.44797	3.22038	-0.00309
1.450	3.013	.28021	87.86964	.00008	.00003	.13291	.06085	1.44610	3.21359	-0.00412
1.450	4.015	.28131	88.38107	.00162	.00074	.17817	.08163	1.44587	3.21276	-0.00480
	GRADIENT	.09011	30.01564	.00325	.00149	.04171	.01911	.00013	.00049	.00014

RUN NO. 1709/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	ALPHA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
1.470	-3.992	-23428	-91.74242	-0.1961	-0.0902	-1.15975	-0.7344	1.46696	3.28991	-0.00896
1.470	-2.968	-23711	-92.37250	-0.1931	-0.0914	-1.1578	-0.5316	1.46847	3.29546	-0.00771
1.470	-1.960	-23539	-93.51715	-0.1945	-0.0894	-0.7334	-0.3369	1.46791	3.29341	-0.00826
1.470	-1.946	-22804	-96.83891	-0.1988	-0.0913	-0.3053	-0.1403	1.46735	3.29135	-0.00869
1.470	-1.153	-07538	-0.00343	-0.1524	-0.0700	.00247	.00114	1.46749	3.29187	-0.00826
1.470	.969	.27016	83.32239	-0.0103	-0.0047	.05049	.02320	1.46729	3.29111	-0.00842
1.470	2.006	.26656	86.88338	-0.0101	-0.0046	.09388	.04310	1.46872	3.29640	-0.00753
1.470	3.013	.25964	88.02882	-0.0032	-0.0014	.13646	.06259	1.46886	3.29693	-0.00662
1.470	4.015	.25795	88.54063	.00019	.00009	.18086	.08305	1.46810	3.29412	-0.00769
	GRADIENT	.08283	30.01725	.00324	.00149	.04237	.01946	.00012	.00046	.00017

RUN NO. 1702/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	ALPHA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
1.494	-3.993	-21908	-91.58318	-0.2195	-0.1020	-1.16932	-0.7865	1.48674	3.36342	-0.01493
1.495	-2.965	-21942	-92.13426	-0.2195	-0.1021	-1.2210	-0.5681	1.48684	3.36376	-0.01519
1.495	-1.964	-21800	-93.20006	-0.2175	-0.1012	-0.7914	-0.3682	1.48629	3.36174	-0.01521
1.495	-1.951	-21336	-96.32414	-0.2213	-0.1029	-0.3441	-0.1600	1.48685	3.36379	-0.01487
1.495	-1.146	-09018	-0.00344	-0.1487	-0.0691	.00192	.00089	1.48742	3.36595	-0.01421
1.495	.974	.25536	83.83739	-0.0052	-0.0024	.05475	.02545	1.48737	3.36576	-0.01405
1.495	2.008	.24942	87.16101	-0.0098	-0.0046	.09947	.04622	1.48775	3.36720	-0.01361
1.495	3.014	.24560	88.18785	.00009	.00004	.14388	.06682	1.48816	3.36871	-0.01314
1.495	4.021	.24114	88.69992	.00040	.00018	.19124	.08883	1.48837	3.36952	-0.01314
	GRADIENT	.07746	29.99926	.00365	.00170	.04488	.02085	.00023	.00087	.00029

RUN NO. 1695/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

IA310 (AEDC 16TF-783) REPEAT RUNS

(TCM071) ( 04 OCT 91 )

PARAMETRIC DATA

MACH	BETA	ALPHA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
1.521	-3.999	-2.1975	-91.62289	-.02258	-.01060	-.20156	-.09460	1.50940	3.44895	-.01752
1.520	-2.965	-2.2075	-92.21355	-.02292	-.01076	-.15273	-.07171	1.50859	3.44584	-.01790
1.521	-1.963	-2.2075	-93.31885	-.01959	-.00920	-.09880	-.04638	1.50948	3.44922	-.01766
1.521	-.950	-2.1432	-96.44292	-.01152	-.00540	-.02833	-.01328	1.51025	3.45218	-.01639
1.520	-.145	-.09510	-.04304	-.00412	-.00193	-.00101	-.00047	1.50979	3.45042	-.01644
1.521	.973	.25435	83.79779	.00567	.00266	.04855	.02277	1.51000	3.45123	-.01642
1.521	2.008	.24964	87.08176	.00162	.00076	.10984	.05156	1.50962	3.44978	-.01725
1.521	3.015	.24392	88.14816	-.00093	-.00043	.16726	.07850	1.50946	3.44915	-.01719
1.520	4.021	.24306	88.62054	-.00201	-.00094	.21955	.10298	1.50974	3.45022	-.01664
	GRADIENT	.07768	29.98507	.00345	.00162	.05242	.02460	.00007	.00025	.00011

ALPHA = .000 PHI = 180.000  
 GRADIENT INTERVAL = -5.00/ 5.00

RUN NO. 1683/ O RN/L = 2.49

GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	ALPHA	PHI	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD
1.544	-3.994	-2.1708	-91.58318	-.00189	-.00089	-.16657	-.07869	1.53077	3.53090	-.02158
1.544	-2.970	-2.2084	-92.17393	-.00663	-.00313	-.10253	-.04839	1.53177	3.53476	-.02039
1.543	-1.963	-2.1940	-93.23965	-.00886	-.00419	-.06424	-.03038	1.52945	3.52577	-.02279
1.544	-.955	-2.1538	-96.36375	-.01080	-.00511	-.03127	-.01479	1.52961	3.52641	-.02263
1.544	.100	-.07598	-108.71220	-.00978	-.00462	.00074	.00035	1.53021	3.52872	-.02182
1.544	.984	-.28397	-80.36604	-.01390	-.00656	.02776	.01310	1.53192	3.53535	-.01989
1.544	2.015	-.20416	-87.33014	-.01156	-.00544	.06857	.03228	1.53415	3.54399	-.01767
1.544	3.013	-.22164	-87.88103	-.01003	-.00472	.10788	.05080	1.53373	3.54232	-.01782
1.543	4.013	-.22423	-88.39255	-.00782	-.00368	.15795	.07437	1.53357	3.54171	-.01778
	GRADIENT	-.00094	.86138	-.00071	-.00033	.03766	.01776	.00048	.00185	.00060

(UCM001) ( 04 OCT 91 )

IA310 (AEDC 16TF-783) FLOW ANGULARITIES-FAIR OFF

PARAMETRIC DATA

BETA = .000 PHI = .000

RN/L = 3.20 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DPACAL	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
.599	-8.006	-92921	-93139	-93036	-93087	-02424	-02488	-02473	-02480	1997.61800	2039.60001
.599	-6.998	-80968	-81207	-81093	-81150	-02454	-02475	-02468	-02472	2007.79300	2039.81000
.600	-6.001	-68925	-69069	-68994	-69032	-02209	-02289	-02251	-02270	2016.92101	2040.96001
.599	-4.998	-57305	-57447	-57348	-57398	-01744	-01812	-01786	-01799	2024.47099	2040.71001
.599	-3.995	-45092	-45299	-45180	-45239	-01433	-01459	-01433	-01446	2030.62300	2040.63000
.600	-3.002	-33231	-33436	-33340	-33388	-01572	-01620	-01605	-01612	2035.00800	2041.59000
.600	-1.999	-21422	-21523	-21412	-21468	-01824	-01885	-01880	-01883	2038.01801	2040.97000
.600	-.995	-09981	-10156	-10043	-10099	-02022	-02053	-02040	-02046	2039.71899	2041.17999
.600	.009	01234	00985	01094	01039	-02144	-02188	-02173	-02181	2040.28400	2040.67000
.600	1.003	12569	12569	12659	12614	-02009	-02022	-02036	-02029	2040.11200	2040.85001
.600	2.001	24561	24342	24443	24392	-01669	-01693	-01704	-01698	2039.88901	2040.62000
.600	3.011	36525	36262	36333	36238	-01118	-01163	-01157	-01160	2039.51601	2040.84000
.600	4.005	48596	48396	48488	48442	-01120	-01138	-01168	-01153	2038.61400	2040.03999
.600	4.999	60159	59948	60021	59984	-01181	-01220	-01239	-01229	2036.65199	2040.05000
.600	6.003	72073	71874	71961	71918	-01333	-01306	-01314	-01310	2033.17500	2040.30000
.600	6.998	83792	83587	83693	83640	-01160	-01107	-01133	-01126	2027.99800	2039.92999
.600	7.996	95242	94960	95053	95007	-00886	-00937	-00954	-00946	2021.59599	2040.50000
.600	GRADIENT	11689	11682	11679	11681	.00052	.00055	.00050	.00052	1.00495	-.08126

RN/L = 3.76 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DPACAL	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
.800	-8.000	-131676	-131756	-131707	-131732	-03198	-03289	-03233	-03261	1964.55499	2019.55000
.800	-6.987	-114284	-114483	-114415	-114449	-03078	-03159	-03108	-03134	1975.44701	2017.02000
.800	-5.995	-97868	-97931	-97878	-97905	-02573	-02646	-02584	-02615	1986.39500	2016.89000
.800	-4.981	-80680	-80905	-80808	-80856	-01888	-01897	-01865	-01881	1996.19200	2017.35001
.800	-3.994	-63752	-63880	-63784	-63832	-01490	-01492	-01454	-01473	2004.38800	2018.14999
.800	-2.997	-47424	-47536	-47435	-47485	-01663	-01674	-01662	-01668	2010.64999	2018.17999
.800	-1.993	-30550	-30664	-30566	-30615	-01918	-02011	-01977	-01994	2014.28799	2018.53000
.800	-.989	-14225	-14369	-14285	-14327	-02361	-02389	-02381	-02385	2016.40401	2017.69000
.800	0.014	01892	01700	01790	01745	-02333	-02396	-02385	-02391	2016.75999	2017.62000
.800	1.003	18164	18045	18106	18076	-01855	-01867	-01868	-01867	2017.21700	2018.55000
.800	2.006	34573	34469	34541	34505	-01416	-01440	-01456	-01448	2017.51601	2018.41000
.800	3.005	51308	51308	51401	51354	-00889	-00897	-00900	-00898	2016.56100	2017.55000
.799	4.004	68284	68158	68240	68199	-00836	-00849	-00859	-00854	2014.19701	2015.28999
.800	5.003	84794	84687	84755	84721	-00791	-00783	-00796	-00789	2012.23500	2016.96001
.800	6.002	101425	101405	101460	101432	-00663	-00624	-00643	-00633	2011.24899	2019.87000
.800	7.012	118249	118176	118224	118200	-00278	-00338	-00358	-00348	2005.97200	2019.88000
.800	8.001	134282	134281	134377	134329	-00380	-00353	-00388	-00371	1996.10400	2018.38000
.800	GRADIENT	16492	16498	16496	16497	.00088	.00092	.00087	.00089	1.76276	-.13117

IA310 (AEDC 16TF-783) FLOW ANGULARITIES-FAIR OFF

(UCMO01) ( 04 OCT 91 )

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 1118/ 0 RN/L = 3.89 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DPACAL	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
.900	-8.002	-1.41289	-1.41437	-1.41392	-1.41415	-.03481	-.03590	-.03539	-.03564	1926.19099	1984.19000
.900	-6.993	-1.23042	-1.23284	-1.23186	-1.23235	-.03382	-.03404	-.03364	-.03384	1940.07899	1984.14000
.900	-5.994	-1.05163	-1.05363	-1.05283	-1.05323	-.02768	-.02868	-.02838	-.02853	1952.20599	1984.07001
.900	-4.990	-.86948	-.87168	-.87095	-.87131	-.02045	-.02085	-.02052	-.02068	1961.84801	1983.75999
.900	-3.991	-.68462	-.68693	-.68610	-.68652	-.01556	-.01631	-.01610	-.01620	1970.12500	1984.02000
.900	-2.976	-.50434	-.50672	-.50599	-.50635	-.01773	-.01832	-.01831	-.01831	1975.71400	1983.66000
.900	-1.994	-.32787	-.33024	-.32935	-.32979	-.02269	-.02288	-.02273	-.02281	1979.71700	1984.52000
.900	-.999	-.15221	-.15473	-.15410	-.15441	-.02631	-.02653	-.02655	-.02654	1981.99899	1983.70000
.900	.020	.02139	.01903	.01973	.01938	-.02586	-.02555	-.02563	-.02559	1982.75000	1984.03999
.900	1.003	.19797	.19461	.19545	.19503	-.01937	-.01914	-.01939	-.01926	1982.97200	1984.20000
.900	2.007	.37676	.37422	.37505	.37464	-.01473	-.01471	-.01501	-.01486	1982.87700	1984.24001
.900	3.011	.55421	.55154	.55219	.55187	-.01030	-.01077	-.01086	-.01082	1982.97501	1984.32001
.900	4.007	.73547	.73282	.73357	.73319	-.01005	-.01033	-.01049	-.01049	1982.19501	1983.60001
.899	5.006	.91295	.91012	.91078	.91045	-.00987	-.01006	-.01055	-.01030	1980.21800	1984.17999
.900	6.007	1.09125	1.08844	1.08910	1.08877	-.00759	-.00737	-.00780	-.00759	1976.21600	1984.12000
.900	7.002	1.26979	1.26702	1.26774	1.26738	-.00656	-.00610	-.00667	-.00639	1969.66800	1983.75999
.900	8.008	1.44365	1.44158	1.44205	1.44182	-.00629	-.00639	-.00691	-.00665	1961.14799	1983.83000
	GRADIENT	.17751	.17744	.17744	.17744	.00095	.00099	.00093	.00096	1.93692	.01779

RUN NO. 1147/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DPACAL	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
1.099	-7.994	-1.09751	-1.09952	-1.09839	-1.09896	-.01611	-.01753	-.01702	-.01727	1401.66499	1445.42599
1.100	-6.977	-.95594	-.95740	-.95630	-.95685	-.01520	-.01639	-.01599	-.01619	1413.55299	1446.00999
1.100	-5.998	-.81808	-.82094	-.81984	-.82039	-.01149	-.01312	-.01253	-.01282	1421.77000	1445.05099
1.100	-4.975	-.67801	-.68068	-.67961	-.68014	-.00414	-.00788	-.00754	-.00771	1412.43500	1445.29100
1.100	-3.975	-.53387	-.53650	-.53529	-.53590	-.00434	-.00547	-.00530	-.00539	1435.35400	1445.24001
	GRADIENT	.14417	.14421	.14434	.14428	.00020	.00241	.00224	.00232	22.92375	-.05105

IA310 (AEDC 16TF-783) FLOW ANGULARITIES-FAIR OFF

(UCM001) ( 04 OCT 91 )

PARAMETRIC DATA

BETA = .000 PHI = .000

RN/L = 2.99 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DPACAL	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
1.250	-7.997	-1.18645	-1.18819	-1.18699	-1.18759	-.02322	-.02426	-.02360	-.02393	1375.19800	1419.56000
1.250	-6.985	-1.03413	-1.03542	-1.03413	-1.03477	-.02195	-.02323	-.02266	-.02295	1385.33000	1419.63100
1.250	-5.989	-.88342	-.88515	-.88358	-.88437	-.01780	-.01850	-.01797	-.01824	1394.20399	1419.19600
1.250	-4.990	-.73470	-.73691	-.73575	-.73633	-.01231	-.01251	-.01203	-.01227	1401.81400	1419.64301
1.249	-3.978	-.57701	-.57836	-.57707	-.57771	-.00932	-.00964	-.00928	-.00946	1408.02600	1419.25301
1.250	-2.987	-.42646	-.42817	-.42689	-.42753	-.01088	-.01156	-.01112	-.01134	1412.81200	1419.59900
1.250	-1.988	-.27545	-.27738	-.27619	-.27679	-.01451	-.01446	-.01421	-.01433	1415.27901	1419.28700
1.250	-.985	-.12478	-.12704	-.12580	-.12642	-.01627	-.01614	-.01591	-.01602	1416.87500	1419.31400
1.250	.029	.02087	.01815	.01941	.01878	-.01343	-.01335	-.01321	-.01328	1417.66499	1419.23700
1.250	1.019	.17052	.16808	.16909	.16859	-.00905	-.00912	-.00916	-.00914	1418.54201	1419.43201
1.250	2.017	.31910	.31612	.31738	.31675	-.00692	-.00658	-.00663	-.00660	1418.62500	1419.56200
1.251	3.012	.46687	.46413	.46543	.46478	-.00685	-.00657	-.00680	-.00668	1417.73399	1419.42999
1.250	3.971	.61539	.61236	.61398	.61317	-.00685	-.00681	-.00680	-.00681	1416.48599	1419.25200
	GRADIENT	.14985	.14969	.14971	.14970	.00064	.00071	.00064	.00067	1.45877	-.01280

IA310 (AEDC 16TF-783) FLOW ANGULARITIES-FAIR OFF

( UCM002 ) ( 04 OCT 91 )

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 1103/ 0 RN/L = 3.20 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DPACAL	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
.599	-8.006	-.92886	-.93115	-.93002	-.93058	-.02380	-.02473	-.02439	-.02456	1997.78600	2040.16000
.599	-6.994	-.81044	-.81283	-.81175	-.81229	-.02341	-.02368	-.02321	-.02344	2007.84599	2040.44000
.599	-5.996	-.69144	-.69302	-.69196	-.69249	-.02048	-.02089	-.02062	-.02076	2016.66200	2040.05000
.599	-4.999	-.57298	-.57428	-.57326	-.57377	-.01561	-.01641	-.01626	-.01634	2023.70799	2040.17000
.599	-4.000	-.45260	-.45447	-.45339	-.45393	-.01181	-.01264	-.01230	-.01247	2029.63400	2039.63000
.600	-3.003	-.33453	-.33639	-.33534	-.33586	-.01370	-.01438	-.01420	-.01429	2033.68700	2040.31000
.600	-1.999	-.21332	-.21482	-.21369	-.21426	-.01741	-.01769	-.01774	-.01771	2036.61900	2039.64999
.600	-1.000	-.09910	-.10102	-.09997	-.10049	-.01741	-.01808	-.01793	-.01800	2038.31100	2039.39999
.600	.014	.01372	.01095	.01227	.01161	-.01968	-.02036	-.02034	-.02035	2038.78799	2039.80000
.600	1.002	.12755	.12588	.12668	.12628	-.01911	-.01916	-.01924	-.01920	2038.89500	2039.60001
.601	2.001	.24539	.24282	.24384	.24333	-.01541	-.01590	-.01592	-.01591	2038.91100	2039.75999
.601	3.005	.36609	.36357	.36440	.36398	-.01245	-.01273	-.01291	-.01282	2038.76401	2039.86000
.601	4.010	.48738	.48515	.48625	.48570	-.01119	-.01168	-.01178	-.01173	2037.97301	2040.27000
.601	5.004	.60154	.59870	.59971	.59921	-.01153	-.01173	-.01190	-.01181	2036.28000	2039.97000
.600	6.003	.71975	.71777	.71865	.71821	-.01074	-.01084	-.01098	-.01091	2032.97301	2039.94000
.599	6.997	.83666	.83488	.83574	.83531	-.00960	-.00952	-.00986	-.00969	2027.28000	2039.23000
.600	7.997	.95142	.94821	.94920	.94870	-.00814	-.00847	-.00892	-.00869	2021.94000	2039.39999
	GRADIENT	.11691	.11681	.11679	.11680	.00011	.00017	.00012	.00015	1.36652	.00009

RUN NO. 1111/ 0 RN/L = 3.76 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DPACAL	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
.800	-8.005	-1.31380	-1.31507	-1.31449	-1.31478	-.02553	-.02663	-.02629	-.02646	1962.36000	2017.83000
.800	-6.986	-1.14261	-1.14479	-1.14448	-1.14463	-.02545	-.02665	-.02625	-.02645	1975.95799	2018.25000
.800	-5.995	-.97831	-.97968	-.97931	-.97950	-.02081	-.02246	-.02216	-.02231	1987.52800	2017.92000
.800	-5.003	-.80882	-.81109	-.81023	-.81066	-.01514	-.01603	-.01577	-.01590	1996.92200	2018.31000
.800	-3.989	-.63665	-.63809	-.63725	-.63767	-.01199	-.01292	-.01270	-.01281	2004.87900	2018.22000
.800	-2.997	-.47241	-.47381	-.47306	-.47344	-.01345	-.01464	-.01449	-.01457	2010.26601	2017.80000
.800	-1.999	-.30580	-.30741	-.30655	-.30698	-.01798	-.01912	-.01902	-.01907	2014.22099	2018.21001
.800	-.989	-.14148	-.14341	-.14247	-.14294	-.02106	-.02188	-.02185	-.02187	2016.09100	2017.61000
.800	.025	.01959	.01814	.01913	.01863	-.02172	-.02251	-.02262	-.02257	2017.04201	2017.89999
.799	1.008	.18204	.18072	.18119	.18095	-.01891	-.01959	-.01989	-.01974	2017.04900	2018.12000
.799	2.007	.34850	.34721	.34792	.34756	-.01329	-.01414	-.01429	-.01422	2017.34700	2018.21001
.800	3.005	.51305	.51181	.51283	.51232	-.01053	-.01078	-.01098	-.01088	2017.20900	2018.17999
.800	4.020	.68527	.68382	.68455	.68418	-.01048	-.01045	-.01067	-.01056	2016.15300	2018.28000
.800	5.003	.84891	.84877	.84867	.84827	-.00969	-.00987	-.01027	-.01007	2014.19901	2018.30000
.799	6.018	1.01506	1.01455	1.01528	1.01492	-.00945	-.00966	-.01003	-.00984	2009.83000	2017.94000
.799	7.002	1.18101	1.18000	1.18090	1.18045	-.00732	-.00792	-.00838	-.00815	2003.28400	2018.62000
.800	7.995	1.34161	1.34115	1.34228	1.34171	-.00690	-.00694	-.00742	-.00718	1995.23300	2017.96001
	GRADIENT	.16447	.16450	.16449	.16450	.00044	.00056	.00050	.00053	1.21773	.03142



PARAMETRIC DATA

MACH	ALPHA	DPACAL	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
1.099	-8.010	-1.09944	-1.10167	-1.10060	-1.10114	-0.1637	-0.1775	-0.01730	-0.01752	1401.61800	1445.55499
1.100	-6.971	-0.95328	-0.95605	-0.95474	-0.95539	-0.1557	-0.1664	-0.01627	-0.01646	1413.73500	1445.81700
1.100	-5.993	-0.81803	-0.82068	-0.81946	-0.82007	-0.1276	-0.1341	-0.01285	-0.01313	1422.08501	1445.21600
1.100	-4.996	-0.68024	-0.68302	-0.68171	-0.68236	-0.0750	-0.0838	-0.00801	-0.00820	1429.30701	1445.35800
1.100	-3.973	-0.53415	-0.53686	-0.53572	-0.53629	-0.0441	-0.0575	-0.00533	-0.00554	1435.46800	1445.43600
1.100	-2.982	-0.39458	-0.39696	-0.39564	-0.39630	-0.0072	-0.0185	-0.00154	-0.00170	1439.69701	1445.47501
1.100	-2.001	-0.25346	-0.25621	-0.25494	-0.25557	-0.0677	-0.0745	-0.00727	-0.00736	1442.60500	1445.13499
1.100	-0.979	-0.11445	-0.11765	-0.11653	-0.11709	-0.0564	-0.0667	-0.00640	-0.00653	1444.45799	1445.39000
1.100	0.003	0.01254	0.01012	0.01141	0.01076	-0.0496	-0.0605	-0.00586	-0.00595	1445.20399	1445.44200
1.100	1.004	0.15088	0.14815	0.14919	0.14867	-0.0282	-0.0319	-0.00316	-0.00317	1445.11900	1445.25400
1.099	2.015	0.28921	0.28613	0.28738	0.28676	0.00121	0.0006	0.00018	0.00012	1444.99100	1445.40401
1.100	3.022	0.42687	0.42514	0.42625	0.42570	0.00137	0.0073	0.00063	0.00068	1445.21899	1445.31300
1.099	4.009	0.56931	0.56690	0.56785	0.56737	0.00005	-0.0091	-0.00081	-0.00086	1444.28000	1445.37199
1.100	5.026	0.71235	0.71049	0.71136	0.71092	0.00155	0.0088	0.00078	0.00083	1442.85699	1445.51199
1.100	6.005	0.84812	0.84677	0.84773	0.84725	0.00378	0.0352	0.00336	0.00344	1439.95799	1445.60600
1.100	7.008	0.98730	0.98510	0.98630	0.98570	0.00503	0.0462	0.00438	0.00450	1435.10500	1445.49400
1.099	8.009	1.11763	1.11610	1.11685	1.11648	0.00618	0.0543	0.00509	0.00526	1428.85300	1445.51300
GRADIENT		1.13778	1.13782	1.13780	1.13781	0.00079	0.00082	0.00078	0.00080	1.44103	0.00407

BETA = 0.000 PHI = 0.000  
 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

IA310 (AEDC 16TF-783) FLOW ANGULARITIES-FAIR OFF (UCM003) ( 04 OCT 91 )

PARAMETRIC DATA

MACH	ALPHA	DPACAL	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PITF	PT2F
.599	-8.006	-92967	-93136	-93029	-93082	-92887	-92922	-92869	-92895	1997.44501	2040.13000
.600	-6.993	-81067	-81141	-81189	-81189	-92915	-92912	-92871	-92892	2007.84500	2040.60001
.599	-5.996	-69301	-69415	-69328	-69372	-92396	-92469	-92423	-92446	2016.71800	2040.57001
.599	-5.004	-57537	-57611	-57508	-57560	-91997	-92059	-92033	-92046	2023.99300	2039.64999
.600	-3.995	-45115	-45283	-45178	-45231	-91737	-91747	-91728	-91737	2030.07700	2040.46001
.600	-2.997	-33297	-33470	-33373	-33422	-91608	-91657	-91638	-91648	2034.18100	2040.66000
.600	-2.004	-21599	-21652	-21566	-21609	-91778	-91835	-91830	-91833	2037.13699	2040.16000
.600	-1.000	-10090	-10201	-10105	-10153	-91886	-91909	-91898	-91903	2038.76100	2039.67000
.600	.009	.01143	.00975	.01069	.01022	-92158	-92213	-92211	-92212	2039.42999	2039.98000
.601	1.002	12644	12521	12606	12564	-91935	-91971	-91974	-91973	2039.33600	2040.44000
.601	2.001	24361	24208	24298	24253	-91521	-91577	-91584	-91581	2039.29500	2039.96001
.601	3.000	36586	36366	36456	36411	-91197	-91221	-91216	-91219	2039.29100	2040.21001
.601	4.005	48585	48451	48543	48497	-91110	-91129	-91137	-91133	2038.74001	2040.41000
.601	5.004	60215	60074	60170	60122	-91084	-91080	-91093	-91087	2036.90601	2040.67000
.601	6.008	72013	71911	71974	71942	-90956	-90967	-90976	-90972	2033.36099	2040.72000
.600	6.997	83822	83712	83781	83747	-90853	-90814	-90839	-90826	2028.26500	2040.39000
.600	8.002	95307	95109	95190	95150	-90567	-90577	-90589	-90583	2021.44000	2040.16000
GRADIENT		11651	11647	11646	11647	00070	00071	00067	00069	91423	-01964

RUN NO. 1108/ 0 RN/L = 3.20 GRADIENT INTERVAL = -5.00/ 5.00 BETA = .000 PHI = .000

MACH	ALPHA	DPACAL	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PITF	PT2F
.800	-8.005	-1.31372	-1.31572	-1.31503	-1.31538	-93084	-93235	-93177	-93206	1962.21600	2018.05000
.800	-6.992	-1.14239	-1.14516	-1.14468	-1.14492	-92866	-92976	-92939	-92958	1976.17700	2017.78000
.800	-5.995	-97840	-98097	-98015	-98056	-92468	-92592	-92554	-92573	1987.51900	2017.98000
.800	-4.982	-80685	-80963	-80891	-80927	-91817	-91891	-91860	-91875	1996.97701	2017.62000
.799	-3.983	-63337	-63619	-63525	-63572	-91291	-91380	-91349	-91365	2004.76401	2018.19000
.800	-2.996	-46891	-47196	-47090	-47143	-91454	-91554	-91540	-91547	2010.02901	2018.06000
.800	-1.993	-30285	-30532	-30436	-30484	-91817	-91917	-91916	-91916	2014.16100	2018.80000
.800	-1.000	-14088	-14378	-14270	-14324	-92206	-92259	-92260	-92260	2015.93900	2018.25999
.800	.015	.01861	.01676	.01774	.01725	-92206	-92270	-92269	-92269	2016.97800	2018.24001
.800	1.013	18454	18222	18274	18247	-91726	-91791	-91814	-91803	2016.96400	2018.17000
.800	2.006	34610	34509	34592	34550	-91225	-91305	-91318	-91311	2017.09500	2017.47000
.799	3.004	51271	51148	51237	51193	-90692	-90782	-90798	-90790	2016.75500	2018.00999
.800	4.010	68346	68224	68327	68275	-90666	-90728	-90735	-90735	2016.12199	2018.32001
.800	5.003	84708	84623	84717	84670	-90628	-90636	-90674	-90655	2014.28999	2018.14000
.800	6.002	1.01276	1.01182	1.01269	1.01226	-90538	-90579	-90636	-90607	2010.14101	2018.11000
.800	7.012	1.18165	1.18059	1.18140	1.18099	-90360	-90330	-90376	-90353	2003.40900	2018.25000
.800	8.000	1.34144	1.34097	1.34213	1.34155	-90230	-90248	-90321	-90285	1995.35600	2018.24001
GRADIENT		16455	16478	16477	16477	00097	00099	00093	00096	1.82440	-01929

RUN NO. 1112/ 0 RN/L = 3.75 GRADIENT INTERVAL = -5.00/ 5.00

IA310 (AEDC 16TF-783) FLOW ANGULARITIES-FAIR OFF (UCMO03) ( 04 OCT 91 )

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 1149/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DPACAL	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
1.099	-7.994	-1.09792	-1.10034	-1.09926	-1.09980	-0.1625	-0.1755	-0.1705	-0.1730	1401.55099	1445.37399
1.100	-6.988	-95603	-95869	-95789	-95829	-0.1571	-0.1655	-0.1619	-0.1637	1413.43500	1445.76601
1.100	-5.988	-81768	-82049	-81937	-81993	-0.1300	-0.1323	-0.1288	-0.1305	1421.94600	1445.41499
1.100	-4.990	-68028	-68291	-68184	-68237	-0.0794	-0.0856	-0.0826	-0.0841	1429.16499	1445.00101
1.100	-3.991	-53566	-53850	-53732	-53791	-0.0482	-0.0561	-0.0532	-0.0546	1435.28799	1445.67999
1.100	-2.980	-39415	-39617	-39499	-39558	-0.0638	-0.0712	-0.0679	-0.0695	1439.56100	1445.12300
1.100	-1.980	-25125	-25380	-25262	-25321	-0.0510	-0.0586	-0.0582	-0.0584	1442.77800	1445.31100
1.100	-.993	-11727	-12036	-11907	-11971	-0.0632	-0.0658	-0.0651	-0.0654	1444.34200	1445.64900
1.099	.021	.01519	.01295	.01411	.01353	-0.0468	-0.0503	-0.0499	-0.0501	1444.92599	1445.19901
1.100	.990	.14844	.14586	.14705	.14645	-0.0299	-0.0341	-0.0334	-0.0337	1445.12100	1445.52000
1.100	2.010	.28699	.28450	.28561	.28505	.0024	.0019	.0020	.0027	1445.05600	1445.36600
1.100	3.016	.42596	.42446	.42555	.42500	.0025	.00215	.00200	.00207	1444.99100	1445.36600
1.100	4.019	.57089	.56846	.56951	.56898	.00306	.00319	.00309	.00314	1444.40300	1445.47501
1.100	5.014	.71012	.70823	.70924	.70873	.00493	.00490	.00480	.00485	1443.02699	1445.44200
1.099	6.010	.84901	.84751	.84846	.84798	.00387	.00401	.00360	.00381	1439.79500	1445.09000
1.100	7.007	.98647	.98420	.98551	.98485	.00495	.00459	.00437	.00448	1435.24500	1445.50800
1.099	8.004	1.11742	1.11586	1.11658	1.11622	.00580	.00567	.00527	.00547	1428.91901	1445.46300
	GRADIENT	.13775	.13780	.13780	.13780	.00116	.00123	.00118	.00121	1.45534	.02086

IA310 (AEDC 16TF-783) FLOW ANGULARITIES-FAIR OFF (UCMO04) ( 04 OCT 91 )

PARAMETRIC DATA

MACH	ALPHA	DPACAL	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
.800	-8.006	-1.31228	-1.31577	-1.31507	-1.31542	-0.2473	-0.2580	-0.2528	-0.2554	1962.17900	2018.05000
.800	-6.987	-1.14240	-1.14556	-1.14484	-1.14520	-0.2485	-0.2617	-0.2584	-0.2600	1975.90601	2018.17999
.800	-5.995	-0.97700	-0.98070	-0.98001	-0.98035	-0.2169	-0.2256	-0.2224	-0.2240	1987.29201	2017.78000
.800	-4.992	-0.80719	-0.81078	-0.80975	-0.81027	-0.1414	-0.1527	-0.1497	-0.1512	1997.17101	2017.49001
.800	-3.994	-0.63617	-0.63879	-0.63785	-0.63832	-0.1077	-0.1161	-0.1147	-0.1154	2004.60001	2018.31000
.800	-2.997	-0.47225	-0.47494	-0.47394	-0.47444	-0.1388	-0.1424	-0.1400	-0.1412	2010.40500	2018.42000
.800	-1.988	-0.30201	-0.30451	-0.30340	-0.30396	-0.1871	-0.1939	-0.1925	-0.1932	2014.02200	2017.87000
.800	-0.984	-0.14022	-0.14260	-0.14139	-0.14199	-0.2108	-0.2175	-0.2176	-0.2176	2016.43201	2018.35001
.800	0.014	0.01990	0.01663	0.01771	0.01717	-0.2333	-0.2383	-0.2379	-0.2381	2017.09000	2017.92000
.800	1.008	0.18259	0.18099	0.18167	0.18133	-0.1840	-0.1919	-0.1929	-0.1924	2017.17799	2017.92999
.800	2.017	0.35009	0.34773	0.34862	0.34818	-0.1399	-0.1403	-0.1427	-0.1415	2017.09700	2017.78000
.800	3.016	0.51631	0.51437	0.51549	0.51493	-0.1122	-0.1092	-0.1117	-0.1104	2017.00200	2018.24001
.800	4.004	0.68358	0.68152	0.68266	0.68209	-0.1121	-0.1093	-0.1130	-0.1111	2016.24899	2017.98000
.800	5.003	0.84717	0.84582	0.84670	0.84626	-0.1170	-0.1199	-0.1226	-0.1212	2013.88300	2018.28000
.800	6.002	1.01302	1.01201	1.01296	1.01248	-0.1072	-0.1067	-0.1098	-0.1083	2009.89900	2017.82001
.799	7.001	1.17943	1.17939	1.18031	1.17985	-0.0785	-0.0892	-0.0928	-0.0910	2003.57600	2018.03999
.800	8.000	1.34295	1.34208	1.34336	1.34272	-0.0823	-0.0866	-0.0911	-0.0889	1995.30299	2018.00999
	GRADIENT	.16482	.16495	.16495	.16495	.00013	.00026	.00019	.00023	1.83078	.00282

RUN NO. 1116/ 0 RN/L = 3.76 GRADIENT INTERVAL = -5.00/ 5.00

BETA = .000 PHI = .000



IA310 (AEDC 16TF-783) FLOW ANGULARITIES-FAIR OFF

(UCMO05) ( 04 OCT 91 )

PARAMETRIC DATA

MACH	ALPHA	DPACAL	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
.900	7.993	1.41741	1.41534	1.41593	1.41564	.03364	.03300	.03271	.03285	1962.23399	1983.61000
.900	6.979	1.23843	1.23574	1.23597	1.23586	.03360	.03322	.03297	.03309	1970.96899	1983.91000
.900	5.991	1.06222	1.05916	1.05957	1.05937	.02990	.02921	.02887	.02904	1976.70200	1983.85001
.900	4.998	.88542	.88283	.88288	.88285	.02268	.02191	.02160	.02175	1980.72099	1983.77000
.900	3.993	.70110	.69842	.69899	.69871	.01740	.01683	.01663	.01673	1982.48300	1984.12000
.900	2.990	.52097	.51834	.51910	.51872	.02094	.01980	.01978	.01979	1983.09399	1983.75000
.900	1.996	.34304	.33981	.34068	.34025	.02384	.02300	.02282	.02291	1983.16100	1983.97000
.900	.991	.16517	.16238	.16307	.16273	.02579	.02529	.02525	.02527	1982.96500	1984.14999
.900	-.017	-.00934	-.01115	-.01026	-.01070	.02663	.02584	.02590	.02587	1983.08299	1984.32001
.900	-1.006	-.18396	-.18663	-.18578	-.18621	.02310	.02228	.02242	.02235	1981.91299	1983.98000
.900	-2.004	-.36261	-.36453	-.36374	-.36413	.01783	.01699	.01727	.01713	1979.50301	1984.17999
.900	-3.009	-.53771	-.54023	-.53933	-.53978	.01670	.01518	.01544	.01531	1975.14500	1984.14999
.900	-4.009	-.71735	-.71973	-.71899	-.71936	.01788	.01655	.01695	.01675	1968.94701	1983.99001
.899	-5.014	-.89878	-.90049	-.89974	-.90011	.02004	.01855	.01894	.01874	1960.75301	1983.92999
.899	-6.009	-1.07930	-1.08132	-1.08052	-1.08092	.01785	.01663	.01710	.01686	1950.64600	1983.81000
.900	-7.005	-1.25975	-1.26179	-1.26092	-1.26136	.01528	.01400	.01453	.01427	1938.08501	1983.88000
.900	-8.005	-1.43335	-1.43549	-1.43477	-1.43513	.01669	.01503	.01557	.01530	1924.25301	1983.83000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

BETA = .000 PHI = 180.000

RUN NO. 1119/ 0 RN/L = 3.89 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DPACAL	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
1.100	7.987	1.10313	1.10158	1.10255	1.10206	.02417	.02301	.02274	.02288	1430.23599	1446.15500
1.100	6.992	.96562	.96355	.96498	.96426	.02117	.02068	.02064	.02066	1436.31200	1445.78799
1.100	5.981	.82545	.82399	.82510	.82455	.01791	.01704	.01694	.01699	1440.67000	1445.44800
1.100	4.999	.69020	.68828	.68924	.68876	.01300	.01226	.01236	.01231	1443.31700	1445.14600
1.100	3.995	.54637	.54370	.54481	.54425	.01064	.00967	.01041	.01004	1444.82600	1445.48300
1.100	2.990	.40390	.40228	.40355	.40291	.01210	.01101	.01169	.01135	1445.12500	1445.58701
1.099	1.989	.26413	.26109	.26255	.26182	.00813	.00784	.00779	.00781	1445.09801	1445.33000
1.100	.990	.12431	.12194	.12329	.12261	.00931	.00858	.00910	.00884	1445.59500	1445.36900
1.100	-.025	-.01227	-.01408	-.01269	-.01339	.00841	.00808	.00822	.00815	1445.14500	1445.37100
1.100	-.994	-.14121	-.14433	-.14302	-.14368	.00711	.00653	.00676	.00665	1444.13200	1445.18900
1.100	-2.012	-.27674	-.27952	-.27820	-.27886	.00319	.00258	.00271	.00264	1442.33299	1445.56400
1.099	-3.007	-.41484	-.41695	-.41567	-.41631	.00267	.00204	.00225	.00214	1439.20200	1445.46001
1.099	-4.016	-.56135	-.56416	-.56295	-.56355	.00504	.00483	.00518	.00500	1434.57800	1445.36600
1.099	-5.006	-.70083	-.70347	-.70231	-.70295	.00594	.00558	.00588	.00573	1428.62199	1445.45000
1.100	-6.007	-.84110	-.84414	-.84281	-.84347	.00115	.00048	.00100	.00074	1420.75000	1445.51100
1.100	-7.008	-.97805	-.98070	-.97952	-.98011	.00043	.00043	.00005	.00019	1411.77699	1445.46100
1.100	-8.005	-1.11468	-1.11697	-1.11583	-1.11640	-.00015	-.00120	-.00069	-.00095	1400.80000	1445.54401
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1150/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

IA310 (AEDC 16TF-783) FLOW ANGULARITIES-FAIR OFF

(UCM005) ( 04 OCT 91 )

PARAMETRIC DATA

BETA = .000 PHI = 180.000

RUN NO. 1161/ 0 RN/L = 2.99 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DPACAL	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
1.250	7.989	1.19318	1.18974	1.19070	1.19022	.03000	.02925	.02928	.02927	1403.48399	1419.37199
1.250	6.983	1.04201	1.03904	1.04009	1.03956	.02867	.02774	.02777	.02776	1409.75700	1419.69299
1.249	5.992	.89362	.89015	.89086	.89050	.02357	.02269	.02277	.02273	1413.69000	1419.57899
1.250	4.988	.74539	.74172	.74272	.74222	.01754	.01686	.01680	.01683	1416.46600	1419.51401
1.250	3.993	.58879	.58555	.58673	.58614	.01381	.01314	.01322	.01318	1417.74300	1419.56400
1.250	2.981	.43526	.43160	.43295	.43227	.01511	.01462	.01471	.01467	1418.28101	1419.58200
1.250	1.992	.28408	.28056	.28185	.28121	.01724	.01724	.01750	.01737	1417.85400	1419.73500
1.250	.988	.13467	.13158	.13284	.13221	.01880	.01835	.01863	.01849	1417.52800	1419.42999
1.250	-.014	-.01169	-.01459	-.01304	-.01381	.01620	.01551	.01592	.01571	1417.67200	1419.40100
1.250	-1.015	-.16192	-.16466	-.16326	-.16296	.01223	.01114	.01183	.01149	1417.89400	1419.37399
1.250	-2.013	-.30854	-.31103	-.30974	-.31039	.00940	.00877	.01001	.00939	1415.41701	1419.23700
1.250	-3.008	-.45631	-.45908	-.45771	-.45839	.01095	.00987	.01116	.01051	1411.98500	1419.72200
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA310 (AEDC 16TF-783) FLOW ANGULARITIES-FAIR OFF

(UCM006) ( 04 OCT 91 )

PARAMETRIC DATA

ALPHA = .000 PHI = 90.000

RUN NO. 1106/ 0 RN/L = 3.20 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	DPACAL	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
.599	-3.996	.02360	.02218	.02288	.02253	-.45347	-.45431	-.45435	-.45433	2034.07500	2039.53000
.600	-2.990	.02489	.02311	.02401	.02356	-.33588	-.33579	-.33583	-.33581	2036.74899	2039.62000
.599	-1.995	.02594	.02394	.02496	.02445	-.21938	-.21922	-.21916	-.21919	2038.10001	2038.95000
.600	-.996	.02453	.02249	.02326	.02287	-.10531	-.10602	-.10600	-.10601	2038.61099	2039.64999
.600	.010	.02457	.02277	.02364	.02321	.01135	.01027	.01113	.01070	2038.76601	2039.72000
.600	1.007	.02037	.01836	.01925	.01881	.12868	.12804	.12830	.12817	2038.63699	2039.25999
.600	1.997	.02017	.01818	.01919	.01868	.24578	.24371	.24399	.24385	2038.25000	2040.14999
.601	2.992	.01765	.01627	.01727	.01677	.36309	.36150	.36184	.36167	2037.06000	2040.19000
.601	3.989	.02116	.01955	.02055	.02005	.48308	.48229	.48279	.48254	2034.56700	2040.71001
	GRADIENT	-.00079	-.00078	-.00075	-.00077	.11704	.11688	.11695	.11692	.05479	.14084

IA310 (AEDC 16TF-783) FLOW ANGULARITIES-FAIR OFF

(UCMO06) ( 04 OCT 91 )

PARAMETRIC DATA

ALPHA = .000 PHI = 90.000

MACH	BETA	DPACAL	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
.800	-3.992	.02731	.02434	.02522	.02478	-.64185	-.64340	-.64374	-.64357	2010.76500	2018.39000
.800	-2.987	.02916	.02602	.02707	.02654	-.47378	-.47523	-.47544	-.47533	2014.12700	2017.87000
.800	-1.977	.02875	.02686	.02796	.02741	-.30704	-.30864	-.30890	-.30877	2016.02600	2017.52000
.800	-.989	.02987	.02798	.02893	.02845	-.14718	-.14854	-.14863	-.14859	2016.57401	2018.24001
.800	.016	.02712	.02498	.02606	.02552	.01592	.01427	.01431	.01429	2016.82600	2017.99001
.799	1.001	.02263	.02073	.02117	.02117	.18108	.18026	.18035	.18030	2016.69099	2018.02000
.800	2.003	.02158	.01828	.01916	.01872	.34903	.34883	.34887	.34885	2016.19701	2017.82001
.800	3.002	.01889	.01580	.01666	.01623	.51475	.51385	.51412	.51398	2014.57600	2018.03999
.800	3.990	.02151	.01923	.02013	.01968	.68176	.68221	.68242	.68232	2011.54700	2017.86000
	GRADIENT	-.00126	-.00126	-.00128	-.00127	.16544	.16566	.16573	.16570	.08393	-.02068

MACH	BETA	DPACAL	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
.900	-3.986	.03075	.02757	.02842	.02799	-.69074	-.69097	-.69135	-.69116	1976.72200	1984.17000
.900	-2.981	.03431	.03089	.03188	.03139	-.51336	-.51337	-.51381	-.51359	1980.40800	1984.03000
.900	-1.982	.03551	.03235	.03311	.03273	-.33533	-.33579	-.33597	-.33588	1981.91100	1983.53999
.900	-.983	.03536	.03203	.03287	.03245	-.15854	-.15886	-.15897	-.15891	1982.77100	1983.85001
.900	.012	.03274	.02963	.03055	.03009	.01777	.01708	.01705	.01707	1983.06000	1984.13000
.899	1.002	.02741	.02406	.02493	.02450	.19628	.19477	.19493	.19485	1983.14700	1984.21001
.899	1.998	.02408	.02058	.02146	.02102	.37596	.37417	.37449	.37433	1982.33099	1983.81000
.900	3.003	.02425	.02085	.02165	.02125	.55161	.55035	.55028	.55031	1980.64600	1984.19000
.900	3.993	.02656	.02354	.02439	.02396	.73396	.73261	.73305	.73283	1977.50700	1984.00000
	GRADIENT	-.00130	-.00130	-.00130	-.00130	.17841	.17820	.17830	.17825	.08555	.01167

MACH	BETA	DPACAL	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
1.100	-3.983	.01144	.00816	.00938	.00877	-.53965	-.54048	-.54042	-.54045	1440.62000	1445.30499
1.100	-2.982	.01274	.00928	.01063	.00995	-.40024	-.40083	-.40074	-.40079	1442.80200	1445.45599
1.100	-1.980	.01406	.01166	.01302	.01234	-.25901	-.26000	-.26016	-.26008	1444.42200	1445.50700
1.100	-.995	.01322	.01093	.01217	.01155	-.12251	-.12306	-.12294	-.12300	1445.08099	1445.35800
1.100	.021	.00945	.00699	.00835	.00767	.01652	.01530	.01555	.01542	1445.25600	1445.64400
1.100	1.005	.00746	.00493	.00633	.00563	.15417	.15282	.15318	.15300	1444.96300	1445.41000
1.100	2.016	.00744	.00474	.00585	.00530	.28921	.28876	.28927	.28901	1444.54201	1445.26401
1.100	3.005	.00858	.00509	.00642	.00576	.42441	.42320	.42368	.42344	1443.58299	1445.65800
1.100	4.001	.01461	.01136	.01275	.01205	.56772	.56648	.56693	.56671	1440.87601	1445.54700
	GRADIENT	-.00031	-.00033	-.00032	-.00033	.13818	.13813	.13820	.13817	.05861	.01905



IA310 (AEDC 16TF-783) FLOW ANGULARITIES-FAIR OFF

(UCM006) ( 04 OCT 91 )

PARAMETRIC DATA

ALPHA = .000 PHI = 90.000

RUN NO. 1162/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	DPACAL	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
1.250	-3.987	.02073	.01738	.01877	.01808	-.58159	-.58135	-.58133	-.58134	1413.25400	1419.37500
1.250	-2.967	.02260	.01879	.02020	.01950	-.42851	-.42849	-.42836	-.42842	1416.33800	1419.38499
1.250	-1.988	.02424	.02052	.02201	.02127	-.28004	-.27955	-.27938	-.27946	1416.84200	1419.39999
1.250	-.984	.02400	.02040	.02179	.02109	-.12916	-.12925	-.12897	-.12911	1417.33600	1419.47000
1.250	.027	.01955	.01586	.01718	.01652	.02072	.01989	.02019	.02004	1417.90700	1419.11099
1.250	1.007	.01471	.01089	.01246	.01167	.16962	.16897	.16935	.16916	1418.66701	1419.71800
1.250	2.002	.01343	.00961	.01107	.01034	.31937	.31816	.31881	.31849	1417.63800	1419.05299
1.250	3.003	.01618	.01234	.01385	.01310	.46545	.46506	.46558	.46532	1416.07800	1419.52699
1.250	GRADIENT	-.00132	-.00137	-.00135	-.00136	.15003	.14985	.14993	.14989	.38667	-.00009

IA310 (AEDC 16TF-783) FLOW ANGULARITIES-FAIR OFF

(UCM007) ( 04 OCT 91 )

PARAMETRIC DATA

ALPHA = .000 PHI = -90.000

RUN NO. 1107/ 0 RN/L = 3.20 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	DPACAL	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
.599	4.032	-.01094	-.01143	-.01072	-.01108	.45620	.45527	.45608	.45568	2035.40500	2040.07001
.600	3.022	-.01252	-.01314	-.01231	-.01272	.33910	.33784	.33818	.33801	2037.61099	2040.44000
.600	1.999	-.01675	-.01771	-.01681	-.01726	.22043	.21899	.21938	.21918	2038.68800	2040.34000
.600	1.003	-.01927	-.02035	-.01943	-.01989	.10441	.10424	.10441	.10433	2039.07401	2040.48000
.600	-.010	-.01857	-.01964	-.01864	-.01914	-.00977	-.01031	-.01017	-.01024	2039.20500	2040.14999
.600	-1.008	-.01546	-.01673	-.01568	-.01620	-.12584	-.12680	-.12670	-.12675	2038.89799	2040.42000
.601	-2.016	-.01182	-.01266	-.01182	-.01224	-.24243	-.24204	-.24192	-.24198	2038.15100	2040.53000
.601	-3.016	-.00836	-.00883	-.00794	-.00838	-.36077	-.36058	-.36060	-.36059	2036.36900	2040.25000
.601	-4.033	-.00686	-.00745	-.00658	-.00702	-.48122	-.48170	-.48177	-.48173	2033.51700	2040.52000
.601	GRADIENT	-.00070	-.00070	-.00072	-.00071	.11595	.11580	.11588	.11584	.20671	-.02568

RUN NO. 1114/ 0 RN/L = 3.75 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	DPACAL	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
.800	4.024	-.00602	-.00781	-.00673	-.00727	.64742	.64750	.64790	.64770	2012.04700	2018.13000
.800	3.019	-.01010	-.01223	-.01140	-.01181	.48144	.48095	.48124	.48109	2014.83400	2018.06000
.800	1.997	-.01602	-.01785	-.01678	-.01732	.31470	.31474	.31492	.31483	2016.31000	2017.92999
.800	1.001	-.01983	-.02093	-.02002	-.02047	.15084	.14919	.14931	.14925	2016.73399	2017.94000
.800	-.016	-.01833	-.01942	-.01853	-.01897	-.01258	-.01330	-.01325	-.01327	2016.83400	2017.91000
.800	-1.009	-.01442	-.01529	-.01438	-.01484	-.17798	-.17901	-.17797	-.17899	2016.56799	2018.08000
.799	-2.016	-.00631	-.00832	-.00734	-.00783	-.34421	-.34433	-.34440	-.34436	2015.97301	2018.03999
.800	-3.022	-.00203	-.00426	-.00398	-.00412	-.50861	-.50992	-.51022	-.51007	2013.47200	2018.62000
.800	-4.020	-.00205	-.00411	-.00398	-.00404	-.67729	-.67875	-.67933	-.67904	2009.99500	2017.98000
.800	GRADIENT	-.00107	-.00105	-.00096	-.00100	.16430	.16448	.16458	.16453	.21634	-.02383

IA310 (AEDC 16TF-783) FLOW ANGULARITIES-FAIR OFF

(UCM007) ( 04 OCT 91 )

PARAMETRIC DATA

ALPHA = .000 PHI = -90.000

MACH	BETA	DPACAL	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
.900	4.024	-.00681	-.00871	-.00775	-.00823	-.69868	-.69714	-.69765	-.69740	1978.09801	1984.11000
.900	3.019	-.01205	-.01440	-.01365	-.01402	-.52011	-.51864	-.51908	-.51886	1980.83000	1983.62000
.900	1.997	-.01824	-.02079	-.01990	-.02034	-.34148	-.34037	-.34064	-.34050	1982.27100	1983.70000
.900	.996	-.02235	-.02462	-.02372	-.02417	-.16257	-.16206	-.16221	-.16213	1982.61800	1984.20000
.900	-.017	-.01996	-.02199	-.02112	-.02156	-.01424	-.01402	-.01398	-.01400	1983.07401	1984.02000
.900	-1.009	-.01269	-.01482	-.01404	-.01443	-.19224	-.19203	-.19214	-.19208	1982.89301	1984.03000
.900	-2.027	-.00623	-.00845	-.00761	-.00803	-.37305	-.37329	-.37335	-.37332	1982.00500	1984.10001
.900	-3.018	-.00273	-.00503	-.00481	-.00492	-.54776	-.54745	-.54768	-.54757	1979.74400	1984.00999
.899	-4.023	-.00248	-.00437	-.00427	-.00432	-.72755	-.72738	-.72763	-.72750	1975.83099	1984.02000
GRADIENT		-.00130	-.00132	-.00123	-.00128	-.17717	-.17693	-.17702	-.17698	.20676	-.02388

MACH	BETA	DPACAL	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
1.100	4.020	.00658	.00412	.00473	.00443	.54675	.54594	.54605	.54600	1441.46700	1445.29100
1.100	2.996	.00160	-.00076	-.00012	-.00044	-.40366	-.40295	-.40362	-.40328	1443.67200	1445.37100
1.100	1.984	-.00360	-.00579	-.00470	-.00525	-.26339	-.26253	-.26301	-.26277	1444.83600	1445.39799
1.100	.996	-.01074	-.01246	-.01112	-.01179	-.12714	-.12602	-.12634	-.12618	1445.18201	1445.38499
1.100	-.016	-.00622	-.00780	-.00638	-.00709	-.01137	-.01170	-.01149	-.01160	1445.26900	1445.52100
1.100	-1.001	-.00084	-.00229	-.00165	-.00197	-.14606	-.14628	-.14619	-.14623	1444.96300	1445.42200
1.099	-2.017	.00443	.00239	.00375	.00337	-.28092	-.28219	-.28202	-.28210	1444.23300	1445.35500
1.100	-3.025	.00545	.00314	.00363	.00338	-.41817	-.41866	-.41864	-.41865	1442.86099	1445.60500
1.099	-4.035	.00464	.00258	.00313	.00285	-.56182	-.56233	-.56226	-.56229	1439.85500	1445.38499
GRADIENT		-.00049	-.00055	-.00052	-.00053	-.13705	-.13701	-.13706	-.13704	.17085	-.01709

MACH	BETA	DPACAL	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
1.250	4.024	-.00419	-.00639	-.00494	-.00561	-.58870	-.58742	-.58807	-.58775	1414.56500	1419.72600
1.250	2.996	-.00783	-.01059	-.00916	-.00988	-.43443	-.43408	-.43408	-.43381	1416.80800	1419.67000
1.250	1.998	-.01314	-.01580	-.01449	-.01515	-.28624	-.28502	-.28545	-.28523	1417.26900	1419.60100
1.250	.993	-.01540	-.01826	-.01683	-.01754	-.13421	-.13401	-.13447	-.13424	1417.27901	1419.06300
1.250	-.018	-.01178	-.01447	-.01296	-.01372	-.01379	-.01386	-.01353	-.01370	1418.04201	1419.35001
1.250	-1.013	-.00552	-.00848	-.00701	-.00775	-.16499	-.16496	-.16455	-.16476	1418.63699	1419.70300
1.249	-2.031	-.00196	-.00456	-.00388	-.00422	-.31540	-.31542	-.31537	-.31540	1417.25900	1419.17500
1.250	-3.021	-.00173	-.00440	-.00383	-.00411	-.46015	-.46110	-.46097	-.46104	1415.27499	1419.56300
GRADIENT		-.00086	-.00082	-.00071	-.00076	-.14903	-.14891	-.14898	-.14895	-.14412	-.03592

## IA310 (AEDC 16TF-783) FLOW ANGULARITIES-FAIR OFF

(UCM008) ( 04 OCT 91 )

## PARAMETRIC DATA

BETA = .000 PHI = .000

MACH		RUN NO. 1123/ O		RN/L = 3.89		GRADIENT INTERVAL = -5.00/ 5.00		DBP2		PTTF		PT2F	
	ALPHA	DPACAL	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DBP	PTTF	PT2F		
.920	.010	.02276	.01609	.02082	.01845	-.02474	-.02528	-.02507	-.02518	1969.82899	1971.07001		
.920	-4.029	-.69449	-.70062	-.69553	-.69808	-.01641	-.01627	-.01600	-.01614	1956.87601	1970.81000		
	GRADIENT	.17755	.17742	.17733	.17738	-.00206	-.00223	-.00224	-.00224	3.20652	.06437		

MACH		RUN NO. 1128/ O		RN/L = 3.88		GRADIENT INTERVAL = -5.00/ 5.00		DBP2		PTTF		PT2F	
	ALPHA	DPACAL	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DBP	PTTF	PT2F		
.950	.010	.02187	.01554	.01994	.01774	-.02536	-.02594	-.02573	-.02583	1947.09900	1948.08000		
.949	-4.031	-.69601	-.70302	-.69783	-.70042	-.01713	-.01791	-.01740	-.01766	1934.16701	1948.23000		
	GRADIENT	.17765	.17782	.17763	.17772	-.00204	-.00199	-.00206	-.00202	3.20026	-.03712		

MACH		RUN NO. 1134/ O		RN/L = 3.86		GRADIENT INTERVAL = -5.00/ 5.00		DBP2		PTTF		PT2F	
	ALPHA	DPACAL	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DBP	PTTF	PT2F		
.980	.008	.01924	.01253	.01797	.01525	-.02269	-.02259	-.02231	-.02245	1919.17400	1919.92999		
.980	-4.035	-.69588	-.70308	-.69740	-.70024	-.01467	-.01509	-.01455	-.01482	1906.55099	1920.09000		
	GRADIENT	.17690	.17702	.17696	.17699	-.00198	-.00185	-.00192	-.00189	3.12260	-.03958		

MACH		RUN NO. 1139/ O		RN/L = 3.77		GRADIENT INTERVAL = -5.00/ 5.00		DBP2		PTTF		PT2F	
	ALPHA	DPACAL	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DBP	PTTF	PT2F		
1.050	.029	.02562	-.00474	.02405	.00966	-.01864	-.01882	-.01904	-.01893	1840.47301	1841.82401		
1.050	-4.030	-.67957	-.71251	-.68060	-.69656	-.01288	-.01351	-.01335	-.01343	1828.02000	1841.88800		
	GRADIENT	.17374	.17437	.17361	.17399	-.00142	-.00131	-.00140	-.00135	3.06806	-.01577		

MACH		RUN NO. 1154/ O		RN/L = 3.00		GRADIENT INTERVAL = -5.00/ 5.00		DBP2		PTTF		PT2F	
	ALPHA	DPACAL	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DBP	PTTF	PT2F		
1.150	.012	.01466	.01262	.01366	.01314	-.01099	-.01181	-.01178	-.01179	1434.39000	1435.25500		
1.150	-4.038	-.55436	-.55683	-.55577	-.55630	-.00749	-.00923	-.00836	-.00880	1424.74899	1435.14799		
	GRADIENT	.14048	.14058	.14058	.14058	-.00087	-.00064	-.00084	-.00074	2.38012	.02640		

IA310 (AEDC 16TF-783) FLOW ANGULARITIES-FAIR OFF (UCM009) ( 04 OCT 91 )

## PARAMETRIC DATA

BETA = .000 PHI = 180.000

MACH	ALPHA	DPACAL	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
.920	-.007	-.01015	-.01644	-.01182	-.01413	.02791	.02657	.02683	.02670	1970.26700	1971.25000
.920	4.032	.70864	.70301	.70672	.70486	.02014	.01989	.01978	.01984	1969.50101	1970.96001
	GRADIENT	.17795	.17811	.17789	.17800	-.00192	-.00165	-.00175	-.00170	-.18963	-.07179

MACH	ALPHA	DPACAL	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
.950	-.013	-.01062	-.01624	-.01175	-.01400	.02783	.02627	.02658	.02642	1946.96100	1947.77000
.950	4.038	.71207	.70773	.71123	.70948	.02268	.02124	.02122	.02123	1946.67799	1948.17999
	GRADIENT	.17841	.17872	.17848	.17860	-.00127	-.00124	-.00132	-.00128	-.06985	.10122

MACH	ALPHA	DPACAL	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
.980	-.011	-.00981	-.01596	-.01180	-.01388	.02611	.02504	.02555	.02529	1919.24500	1920.10001
.980	4.047	.71479	.70827	.71173	.71000	.01869	.01842	.01852	.01847	1918.66701	1919.80000
	GRADIENT	.17853	.17843	.17826	.17835	-.00183	-.00163	-.00173	-.00168	-.14240	-.07392

MACH	ALPHA	DPACAL	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
1.050	-.004	-.00807	-.03792	-.00751	-.02272	.02346	.02249	.02260	.02254	1840.25200	1841.76199
1.050	4.044	.69869	.67387	.69748	.68568	.02367	.02287	.02256	.02271	1839.88901	1841.69000
	GRADIENT	.17459	.17583	.17415	.17499	.00005	.00009	-.00001	.00004	-.08967	-.01780

MACH	ALPHA	DPACAL	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
1.150	-.014	-.01169	-.01324	-.01230	-.01277	.01573	.01406	.01411	.01408	1434.26601	1434.98801
1.150	4.042	.56415	.56172	.56263	.56217	.01568	.01422	.01408	.01415	1434.85001	1435.74600
	GRADIENT	.14199	.14177	.14177	.14177	-.00001	.00004	-.00001	.00002	-.14400	.18690

## IA310 (AEDC 16TF-783) FLOW ANGULARITIES-FAIR OFF

(UCMO10) ( 04 OCT 91 )

## PARAMETRIC DATA

ALPHA = .000 PHI = 90.000

MACH		RUN NO. 1125/ O		RN/L = 3.88		GRADIENT INTERVAL = -5.00/ 5.00		ALPHA = .000		PHI = 90.000	
	BETA	DPACAL	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
.920	1.990	.02401	.01762	.02233	.01998	.37608	.37462	.37507	.37485	1969.31700	1971.06000
.920	-2.017	.03669	.02989	.03448	.03219	.34165	.34166	.34152	.34159	1968.95300	1970.83000
	GRADIENT	.00316	.00306	.00303	.00305	.17910	.17874	.17882	.17878	.09084	.05740

MACH		RUN NO. 1130/ O		RN/L = 3.88		GRADIENT INTERVAL = -5.00/ 5.00		ALPHA = .000		PHI = 90.000	
	BETA	DPACAL	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
.950	1.943	.02283	.01640	.02072	.01856	.37043	.36978	.36996	.36987	1946.17700	1947.92000
.950	-2.024	.03679	.03027	.03488	.03257	.34593	.34593	.34562	.34577	1946.21400	1948.17000
	GRADIENT	.00352	.00350	.00357	.00353	.18039	.18045	.18041	.18043	.00933	.06303

MACH		RUN NO. 1136/ O		RN/L = 3.86		GRADIENT INTERVAL = -5.00/ 5.00		ALPHA = .000		PHI = 90.000	
	BETA	DPACAL	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
.980	1.988	.02260	.01463	.01922	.01692	.37577	.37479	.37546	.37512	1918.44400	1919.81000
.980	-2.024	.03569	.02818	.03287	.03053	.34390	.34404	.34355	.34380	1918.25000	1920.28999
	GRADIENT	.00326	.00338	.00340	.00339	.17936	.17915	.17920	.17917	.04835	.11962

MACH		RUN NO. 1141/ O		RN/L = 3.77		GRADIENT INTERVAL = -5.00/ 5.00		ALPHA = .000		PHI = 90.000	
	BETA	DPACAL	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
1.050	1.989	.01961	.01052	.01840	.00394	.36575	.36539	.36518	.36529	1839.80299	1841.75200
1.050	-2.021	.03245	.00236	.03134	.01685	.33567	.33571	.33609	.33590	1839.39301	1841.78600
	GRADIENT	.00320	.00321	.00323	.00322	.17491	.17483	.17487	.17485	.10224	.00848

MACH		RUN NO. 1156/ O		RN/L = 3.00		GRADIENT INTERVAL = -5.00/ 5.00		ALPHA = .000		PHI = 90.000	
	BETA	DPACAL	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
1.150	1.992	.01198	.00950	.01075	.01012	.29397	.29365	.29406	.29386	1433.89400	1435.25000
1.150	-2.018	.02224	.01977	.02092	.02034	.26855	.26974	.26976	.26975	1434.04401	1434.98399
	GRADIENT	.00256	.00256	.00254	.00255	.14029	.14051	.14062	.14056	.03741	.06634

IA310 (AEDC 16TF-783) FLOW ANGULARITIES-FAIR OFF

(UCMO11) ( 04 OCT 91 )

PARAMETRIC DATA

ALPHA = .000 PHI = -90.000

MACH	BETA	DPACAL	DPA1	DPACAL	DPA2	RN/L =	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
.920	-2.004	-.00652	-.01268	-.00783	-.01026	3.88	-.01026	-.37290	-.37346	-.37335	-.37340	1968.77699	1970.86000
.920	2.037	-.01908	-.02532	-.02037	-.02285	3.88	-.02285	-.34793	-.34695	-.34749	-.34722	1969.39900	1970.72000
	GRADIENT	-.00311	-.00313	-.00310	-.00312	3.88	-.00312	-.17834	-.17824	-.17835	-.17830	15390	-.03464

MACH	BETA	DPACAL	DPA1	DPACAL	DPA2	RN/L =	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
.950	-2.001	-.00664	-.01222	-.00761	-.00991	3.86	-.00991	-.37340	-.37391	-.37375	-.37383	1945.66200	1948.00999
.950	2.043	-.01926	-.02491	-.02054	-.02273	3.86	-.02273	-.35159	-.35051	-.35102	-.35076	1946.32100	1947.95000
	GRADIENT	-.00312	-.00314	-.00320	-.00317	3.86	-.00317	-.17928	-.17914	-.17922	-.17918	16296	-.01483

MACH	BETA	DPACAL	DPA1	DPACAL	DPA2	RN/L =	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
.980	-2.002	-.00389	-.01130	-.00654	-.00892	3.86	-.00892	-.37124	-.37120	-.37087	-.37103	1917.75200	1919.98000
.980	2.039	-.01733	-.02476	-.02000	-.02238	3.86	-.02238	-.34980	-.34956	-.35034	-.34995	1918.48801	1919.89000
	GRADIENT	-.00332	-.00333	-.00333	-.00333	3.86	-.00333	-.17842	-.17835	-.17846	-.17841	18212	-.02227

MACH	BETA	DPACAL	DPA1	DPACAL	DPA2	RN/L =	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
1.050	-2.002	-.00292	-.03258	-.00390	-.01814	3.77	-.01814	-.36012	-.35970	-.35999	-.35984	1839.28500	1842.10100
1.050	2.037	-.01565	-.04515	-.01585	-.03050	3.77	-.03050	-.34270	-.34227	-.34247	-.34237	1839.70399	1841.75800
	GRADIENT	-.00315	-.00316	-.00296	-.00306	3.77	-.00306	-.17401	-.17380	-.17392	-.17386	10374	-.08492

MACH	BETA	DPACAL	DPA1	DPACAL	DPA2	RN/L =	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
1.150	-2.009	-.00163	-.00325	-.00295	-.00310	3.00	-.00310	-.28892	-.29024	-.29025	-.29024	1433.75800	1435.60899
1.150	2.023	-.01219	-.01369	-.01239	-.01304	3.00	-.01304	-.27358	-.27305	-.27333	-.27319	1434.14400	1435.09700
	GRADIENT	-.00262	-.00259	-.00234	-.00247	3.00	-.00247	-.13949	-.13969	-.13976	-.13973	09573	-.12697

IA310 (AEDC 16TF-783) FLOW ANGULARITIES-FAIR OFF

(UCMO12) ( 04 OCT 91 )

PARAMETRIC DATA

ALPHA = .000 PHI = -90.000

RUN NO. 1132/ 0 RN/L = 3.88 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	DPACAL	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
.899	-2.000	-.00619	-.01194	-.00727	-.00960	-.37255	-.37293	-.37286	-.37290	1945.81000	1947.86000
.900	2.038	-.02026	-.02597	-.02129	-.02363	.35140	.35042	.35078	.35060	1946.25301	1947.75000
.950	GRADIENT	-.00348	-.00347	-.00347	-.00347	.17927	.17912	.17919	.17915	.10970	-.02724

IA310 (AEDC 16TF-783) FLOW ANGULARITIES-FAIR OFF

(UCMO13) ( 04 OCT 91 )

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 1221/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DPACAL	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
.899	-8.002	-.90057	-.90240	-.90055	-.90148	-.02394	-.02229	-.02181	-.02205	1237.86700	1273.00000
.900	-6.995	-.78423	-.78555	-.78375	-.78465	-.02278	-.02121	-.02076	-.02098	1246.44800	1273.14000
.900	-5.993	-.67112	-.67306	-.67081	-.67194	-.01881	-.01741	-.01688	-.01715	1253.61200	1273.17000
.900	-4.991	-.55789	-.56084	-.55843	-.55964	-.01424	-.01352	-.01316	-.01334	1259.57201	1273.02000
.900	-3.993	-.44051	-.44286	-.44045	-.44166	-.01227	-.01171	-.01131	-.01151	1264.32100	1273.14999
.900	-2.991	-.32500	-.32696	-.32451	-.32573	-.01308	-.01220	-.01169	-.01195	1267.80000	1272.89000
.900	-1.995	-.20839	-.21016	-.20775	-.20895	-.01661	-.01540	-.01529	-.01535	1270.28400	1273.11000
.900	-.992	-.09804	-.09894	-.09636	-.09765	-.01784	-.01650	-.01624	-.01637	1271.52299	1272.97000
.900	.021	.00861	.00505	.00895	.00700	-.01630	-.01461	-.01449	-.01455	1271.87199	1272.92999
.900	1.007	.11914	.11595	.11843	.11719	-.01269	-.01138	-.01129	-.01133	1271.83701	1272.87000
.900	2.009	.23577	.23205	.23079	.23142	-.00967	-.00813	-.00816	-.00815	1271.91701	1272.88000
.900	3.012	.34976	.34655	.32321	.33488	-.00867	-.00765	-.00758	-.00762	1272.13800	1273.10001
.900	4.010	.46642	.46300	.45256	.45778	-.00992	-.00886	-.00883	-.00885	1271.68100	1272.99001
.900	5.008	.58038	.57819	.57005	.57412	-.00998	-.00875	-.00866	-.00871	1270.48000	1273.00000
.899	6.007	.69432	.69242	.68588	.68915	-.00959	-.00749	-.00743	-.00746	1268.27699	1272.89999
.900	7.006	.80726	.80451	.79974	.80213	-.00948	-.00732	-.00747	-.00740	1264.63901	1273.25000
.900	GRADIENT	.91506	.91261	.91899	.91580	-.01022	-.00780	-.00797	-.00789	1259.65700	1273.38000
		.11294	.11279	.11090	.11184	.00057	.00063	.00058	.00061	1.14683	-.00867

IA310 (AEDC 16TF-783) TABULATED DATA

IA310 (AEDC 16TF-783) FLOW ANGULARITIES-FAIR OFF

(UCMO13) ( 04 OCT 91 )

PARAMETRIC DATA

MACH	ALPHA	DPACAL	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
1.249	-7.994	-98720	-98792	-98592	-98742	-01691	-01736	-01692	-01714	1146.06300	1182.67599
1.249	-6.987	-85992	-86124	-86007	-86066	-01550	-01659	-01609	-01634	1154.12801	1182.52000
1.250	-5.992	-73585	-73723	-73608	-73665	-01271	-01371	-01337	-01354	1161.35201	1182.36400
1.249	-4.992	-61286	-61365	-61256	-61311	-00897	-00965	-00930	-00948	1167.62399	1182.41600
1.250	-3.996	-48248	-48413	-48290	-48351	-00664	-00785	-00768	-00777	1172.80000	1182.53000
1.250	-2.995	-35445	-35620	-35496	-35558	-00876	-00919	-00898	-00908	1177.17799	1182.35500
1.250	-1.995	-22786	-22905	-22771	-22838	-01110	-01183	-01170	-01176	1179.11099	1182.36099
1.250	-.991	-10414	-10588	-10472	-10530	-01298	-01329	-01312	-01320	1180.28400	1182.42700
1.250	.024	01541	01295	01416	01355	-01145	-01156	-01155	-01156	1181.22301	1182.45500
1.250	1.010	13772	13559	13671	13615	-00914	-00924	-00922	-00923	1181.95900	1182.55701
1.250	2.004	26115	25844	25990	25917	-00662	-00725	-00741	-00733	1181.59500	1182.68100
1.250	3.014	38736	38463	38558	38510	-00622	-00702	-00705	-00703	1181.39000	1182.74400
1.250	4.011	51669	51457	51564	51511	-00752	-00793	-00810	-00802	1180.73399	1182.75800
1.250	5.023	64320	64133	64240	64186	-00551	-00586	-00611	-00599	1179.70799	1182.53900
1.249	6.004	77256	76980	77099	77039	-00375	-00416	-00438	-00427	1178.91000	1182.71700
1.249	7.008	89497	89341	89382	89361	-00448	-00470	-00489	-00480	1174.54500	1182.74500
1.249	8.005	101389	101202	101302	101252	-00430	-00422	-00434	-00428	1169.09300	1182.39000
GRADIENT		12445	12428	12427	12428	.00021	.00024	.00019	.00022	1.27010	.04130

BETA = .000 PHI = .000

RUN NO. 1165/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

RUN NO. 1185/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DPACAL	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
1.400	-8.002	-113759	-113994	-113811	-113903	-02079	-02244	-02190	-02217	1128.02100	1165.35600
1.400	-6.991	-99442	-99554	-99780	-99867	-01737	-01899	-01838	-01869	1137.72600	1165.30099
1.400	-5.996	-85238	-85699	-85509	-85604	-01479	-01460	-01390	-01425	1145.02699	1165.09599
1.400	-5.000	-70610	-71171	-70919	-71045	-01194	-01159	-01101	-01130	1150.60699	1165.32001
1.400	-3.994	-55637	-55973	-55784	-55878	-01001	-00936	-00882	-00909	1155.51401	1165.34200
1.400	-2.994	-41023	-41309	-41088	-41198	-01134	-01066	-01035	-01050	1159.53999	1164.87601
1.400	-1.993	-26399	-26931	-26737	-26834	-01400	-01411	-01347	-01379	1161.87199	1165.34900
1.400	-.995	-12214	-12717	-12505	-12611	-01406	-01437	-01394	-01416	1162.99899	1165.03101
1.400	.024	01772	01156	01364	01260	-01145	-01154	-01136	-01145	1164.94099	1165.19701
1.400	1.005	15412	14930	15169	15049	-00919	-00914	-00892	-00903	1165.28900	1165.35300
1.400	2.006	29519	29110	29336	29223	-00930	-00812	-00789	-00800	1163.62199	1165.36800
1.400	3.021	44223	43747	43936	43841	-01012	-00880	-00869	-00875	1163.93700	1165.23100
1.400	4.018	59793	59224	59436	59330	-00974	-00860	-00856	-00858	1164.27600	1165.03200
1.400	5.009	74165	73564	73789	73676	-00734	-00620	-00634	-00627	1163.13200	1165.33000
1.400	6.017	88415	87965	88235	88100	-00551	-00586	-00586	-00586	1161.34300	1165.02800
1.400	7.009	102625	102287	102491	102389	-00621	-00715	-00705	-00710	1158.86900	1165.43401
1.399	8.011	116100	115701	115863	115782	-00391	-00482	-00500	-00491	1153.81599	1165.06799
GRADIENT		14260	14239	14241	14240	.00032	.00043	.00037	.00040	.89909	.00305



IA310 (AEDC 16TF-783) FLOW ANGULARITIES-FAIR OFF

(UCMO13) ( 04 OCT 91 )

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 1203/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DPACAL	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
1.450	-8.005	-1.19464	-1.19612	-1.19458	-1.19535	-0.03970	-0.03996	-0.03927	-0.03961	1118.09599	1158.45000
1.449	-7.000	-1.03989	-1.04287	-1.04128	-1.04208	-0.04055	-0.03920	-0.03867	-0.03894	1125.75301	1158.76900
1.449	-6.005	-0.88825	-0.89177	-0.89056	-0.89117	-0.03513	-0.03377	-0.03328	-0.03352	1132.43500	1158.53300
1.450	-5.000	-0.74732	-0.75008	-0.74820	-0.74914	-0.02979	-0.02870	-0.02819	-0.02845	1140.11200	1158.56000
1.450	-3.999	-0.58754	-0.59085	-0.58885	-0.58985	-0.02756	-0.02607	-0.02561	-0.02584	1144.11301	1158.09200
1.450	-3.000	-0.43797	-0.43914	-0.43727	-0.43821	-0.02622	-0.02587	-0.02541	-0.02564	1147.72099	1158.37700
1.450	-2.006	-0.28905	-0.29183	-0.28960	-0.29072	-0.02549	-0.02570	-0.02535	-0.02552	1153.31300	1158.62300
1.450	-1.002	-0.13277	-0.13553	-0.13345	-0.13449	-0.02416	-0.02433	-0.02410	-0.02421	1157.22000	1158.40500
1.451	.003	0.01698	0.01391	0.01597	0.01494	-0.01937	-0.01964	-0.01949	-0.01956	1158.86700	1158.25999
1.450	1.006	0.17246	0.16929	0.17203	0.17066	-0.01614	-0.01626	-0.01617	-0.01621	1161.22800	1158.36600
1.450	2.001	0.31681	0.31572	0.31769	0.31671	-0.01223	-0.01232	-0.01218	-0.01225	1156.08299	1158.14200
1.451	2.996	0.47057	0.46767	0.46968	0.46867	-0.01347	-0.01250	-0.01244	-0.01247	1156.07899	1158.12199
1.449	4.002	0.63682	0.63416	0.63605	0.63511	-0.01433	-0.01250	-0.01242	-0.01246	1157.63600	1158.41400
1.451	4.994	0.78570	0.78383	0.78567	0.78475	-0.00873	-0.00588	-0.00679	-0.00684	1155.04300	1158.45799
1.450	6.001	0.93448	0.93337	0.93526	0.93431	-0.00717	-0.00522	-0.00520	-0.00521	1152.67599	1158.35001
1.450	6.988	1.08592	1.08475	1.08642	1.08559	-0.00848	-0.00699	-0.00696	-0.00698	1150.77901	1158.38600
1.449	7.995	1.22820	1.22598	1.22827	1.22712	-0.00511	-0.00405	-0.00451	-0.00428	1146.64000	1158.49800
	GRADIENT	.15280	.15284	.15284	.15284	.00210	.00212	.00212	.00214	1.48599	.00900

RUN NO. 1276/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DPACAL	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
1.474	-8.000	-1.27259	-1.27215	-1.27125	-1.27170	-0.03564	-0.03425	-0.03372	-0.03398	1117.24400	1153.45547
1.473	-6.979	-1.11513	-1.11346	-1.11203	-1.11275	-0.03174	-0.03016	-0.02967	-0.02992	1125.92200	1153.72569
1.474	-5.995	-0.95663	-0.95593	-0.95449	-0.95521	-0.02661	-0.02497	-0.02468	-0.02482	1132.26199	1153.66064
1.474	-4.994	-0.79385	-0.79316	-0.79180	-0.79248	-0.02148	-0.02073	-0.02044	-0.02058	1137.52299	1153.90834
1.474	-3.994	-0.62254	-0.62236	-0.62048	-0.62142	-0.01864	-0.01850	-0.01816	-0.01833	1142.93201	1153.79520
1.474	-2.994	-0.45515	-0.45348	-0.45185	-0.45267	-0.01963	-0.01942	-0.01925	-0.01934	1144.16200	1154.06078
1.474	-1.979	-0.29274	-0.29274	-0.29085	-0.29180	-0.02308	-0.02291	-0.02276	-0.02284	1143.17400	1153.82739
1.473	-.991	-0.13961	-0.13853	-0.13687	-0.13770	-0.02569	-0.02548	-0.02522	-0.02535	1146.34200	1153.81837
1.473	0.014	0.01623	0.01547	0.01718	0.01633	-0.02269	-0.02247	-0.02240	-0.02243	1147.95399	1154.07571
1.473	1.011	0.17357	0.17287	0.17509	0.17398	-0.02027	-0.01991	-0.01992	-0.01992	1148.51199	1154.05785
1.473	2.005	0.33005	0.32993	0.33150	0.33071	-0.01683	-0.01638	-0.01630	-0.01634	1149.48599	1154.27339
1.474	3.010	0.49123	0.48985	0.49150	0.49067	-0.01669	-0.01604	-0.01630	-0.01617	1150.74899	1154.38336
1.474	4.022	0.65522	0.65581	0.65735	0.65658	-0.01549	-0.01472	-0.01497	-0.01484	1150.67200	1153.84567
1.473	5.008	0.82107	0.82023	0.82199	0.82111	-0.01129	-0.01034	-0.01075	-0.01055	1151.76700	1153.62799
1.473	6.004	0.98140	0.98055	0.98174	0.98115	-0.01099	-0.00844	-0.00877	-0.00861	1151.18600	1153.11621
1.473	7.012	1.13805	1.13617	1.13743	1.13680	-0.01027	-0.00761	-0.00810	-0.00785	1149.68401	1152.39322
1.473	8.008	1.28527	1.28395	1.28537	1.28466	-0.00671	-0.00423	-0.00480	-0.00452	1145.76300	1151.98820
	GRADIENT	.15937	.15922	.15922	.15922	.00056	.00060	.00053	.00056	1.31552	.03362

IA310 (AEDC 16TF-783) FLOW ANGULARITIES-FAIR OFF

(UCMO13) ( 04 OCT 91 )

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 1238/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DPACAL	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
1.495	-7.999	-1.31495	-1.31670	-1.31567	-1.31618	-.02678	-.02653	-.02604	-.02629	1110.99500	1143.79764
1.495	-6.988	-1.15966	-1.16023	-1.15897	-1.15960	-.02672	-.02678	-.02634	-.02656	1119.75400	1144.06808
1.495	-5.993	-1.00336	-1.00477	-1.00344	-1.00410	-.02210	-.02218	-.02184	-.02201	1128.27100	1144.99582
1.495	-4.993	-.84074	-.83996	-.83862	-.83929	-.01990	-.01993	-.01947	-.01970	1135.15199	1146.22029
1.495	-3.987	-.66650	-.66677	-.66505	-.66591	-.01901	-.01916	-.01882	-.01899	1138.79700	1146.77905
1.495	-2.993	-.50110	-.50029	-.49873	-.49951	-.02265	-.02236	-.02235	-.02236	1142.91200	1147.46426
1.495	-1.994	-.33042	-.33035	-.32876	-.32956	-.02464	-.02424	-.02403	-.02414	1145.69701	1147.36450
1.495	-.998	-.15401	-.15381	-.15211	-.15296	-.02583	-.02536	-.02522	-.02529	1144.29601	1145.42557
1.495	.015	.01836	.01685	.01869	.01777	-.02208	-.02168	-.02184	-.02176	1142.51100	1143.79080
1.496	1.008	.18881	.18848	.19012	.18930	-.01833	-.01792	-.01779	-.01785	1145.02800	1147.01122
1.495	2.005	.35349	.35293	.35362	.35327	-.01973	-.01894	-.01895	-.01894	1145.81700	1145.83060
1.495	3.010	.51541	.51385	.51546	.51465	-.01810	-.01781	-.01785	-.01783	1145.91800	1144.39839
1.495	4.011	.68946	.68934	.69090	.69012	-.01556	-.01509	-.01529	-.01519	1146.98900	1145.49629
1.495	5.007	.85942	.85822	.85987	.85905	-.01130	-.01039	-.01055	-.01047	1149.08900	1147.86382
1.495	6.015	1.02698	1.02629	1.02782	1.02705	-.00872	-.00794	-.00838	-.00816	1150.23700	1148.31958
1.496	7.007	1.18297	1.18305	1.18440	1.18373	-.00790	-.00745	-.00767	-.00756	1148.77501	1147.74919
1.496	8.008	1.32128	1.32045	1.32186	1.32115	-.00357	-.00259	-.00291	-.00275	1144.47501	1147.04655
GRADIENT		.16996	.16980	.16978	.16979	.00050	.00056	.00051	.00053	1.01218	-.20646

RUN NO. 1283/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DPACAL	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
1.520	-7.999	-1.61262	-1.61184	-1.61097	-1.61140	-.03219	-.03270	-.03198	-.03234	1127.10100	1143.07930
1.520	-6.993	-1.38972	-1.38952	-1.38864	-1.38908	-.03532	-.03535	-.03476	-.03505	1132.24400	1141.97092
1.520	-5.993	-1.11963	-1.11887	-1.11765	-1.11826	-.03105	-.03040	-.03000	-.03020	1136.44701	1143.86359
1.520	-4.999	-.88558	-.88534	-.88447	-.88491	-.03417	-.03363	-.03338	-.03350	1141.52000	1144.53026
1.520	-3.982	-.64504	-.64442	-.64296	-.64369	-.03554	-.03484	-.03443	-.03464	1139.26199	1141.49124
1.520	-2.994	-.41048	-.40820	-.40659	-.40740	-.02921	-.02833	-.02808	-.02820	1140.75600	1142.95647
1.520	-1.995	-.19931	-.19967	-.19788	-.19878	-.01824	-.01847	-.01846	-.01846	1143.37000	1145.34476
1.520	-.986	-.08851	-.08720	-.08552	-.08636	-.01399	-.01452	-.01434	-.01443	1144.93201	1145.67206
1.520	.014	.01376	.01385	.01562	.01473	-.01500	-.01498	-.01499	-.01499	1143.82001	1143.38771
1.520	1.011	.11514	.11439	.11614	.11526	-.00640	-.00694	-.00692	-.00693	1141.81000	1141.80496
1.520	2.005	.26993	.26948	.27084	.27016	-.00973	-.00900	-.00894	-.00897	1143.68800	1146.15042
1.520	3.005	.50431	.50264	.50348	.50348	-.01788	-.01788	-.01809	-.01798	1143.16299	1143.99481
1.521	4.006	.72708	.72516	.72696	.72606	-.02010	-.01900	-.01915	-.01907	1140.37100	1141.49786
1.520	5.018	.97444	.97552	.97683	.97617	-.02355	-.02218	-.02255	-.02237	1141.43201	1144.92365
1.520	6.004	1.21291	1.21185	1.21330	1.21258	-.02652	-.02488	-.02539	-.02513	1142.78900	1143.75960
1.520	7.006	1.40525	1.40429	1.40546	1.40487	-.02085	-.01969	-.02024	-.01997	1143.77299	1142.99352
1.520	7.997	1.59136	1.58950	1.59143	1.59046	-.00920	-.00814	-.00857	-.00835	1145.66100	1142.48862
GRADIENT		.16371	.16340	.16345	.16342	.00226	.00231	.00228	.00228	1.15659	-.04098

IA310 (AEDC 16TF-783) FLOW ANGULARITIES-FAIR OFF

(UCMO13) ( 04 OCT 91 )

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 1251/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DPACAL	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
1.543	-8.002	-1.41806	-1.41886	-1.41776	-1.41831	-.03521	-.03451	-.03413	-.03432	1117.41499	1138.40051
1.543	-7.003	-1.21353	-1.21259	-1.21141	-1.21200	-.03092	-.03025	-.02987	-.03006	1120.06200	1138.03439
1.544	-5.992	-1.01623	-1.01644	-1.01516	-1.01580	-.02162	-.02053	-.02027	-.02040	1120.60899	1136.00853
1.544	-4.982	-.81783	-.81628	-.81482	-.81555	-.01822	-.01801	-.01781	-.01791	1125.49800	1138.01369
1.544	-3.992	-.59628	-.59539	-.59385	-.59462	-.01058	-.00948	-.00944	-.00946	1127.85600	1138.85347
1.544	-2.993	-.41363	-.41306	-.41135	-.41221	-.00958	-.00984	-.00976	-.00980	1129.77299	1139.30980
1.544	-1.988	-.24733	-.24685	-.24524	-.24604	-.01970	-.01794	-.01801	-.01797	1129.10800	1138.49023
1.544	-.990	-.10121	-.09928	-.09768	-.09848	-.02321	-.02161	-.02167	-.02164	1125.75900	1137.06471
1.544	.015	.01660	.01617	.01797	.01707	-.02160	-.02035	-.02063	-.02049	1122.66400	1135.22044
1.544	1.011	.13128	.13078	.13249	.13164	-.01499	-.01346	-.01353	-.01349	1125.86501	1138.39659
1.543	2.011	.26799	.26767	.26927	.26847	-.00806	-.00802	-.00816	-.00809	1126.10699	1138.25612
1.543	3.010	.42442	.42411	.42606	.42509	.00052	.00077	.00047	.00062	1125.98199	1136.77631
1.543	4.006	.62843	.62858	.63019	.62939	.00244	.00397	.00361	.00379	1124.82600	1135.74113
1.543	5.012	.85216	.85123	.85295	.85209	.00408	.00523	.00549	.00536	1124.81300	1135.82344
1.543	6.009	1.04800	1.04829	1.04897	1.04863	-.00466	-.00290	-.00321	-.00306	1128.01500	1136.86949
1.544	7.005	1.24109	1.24072	1.24281	1.24176	-.01462	-.01273	-.01322	-.01298	1128.17900	1137.85988
1.544	8.012	1.46977	1.47042	1.47197	1.47120	-.02692	-.02495	-.02550	-.02522	1129.16299	1138.88245
1.543	GRADIENT	.15050	.15032	.15034	.15033	.00174	.00178	.00172	.00175	-.30560	-.25719

IA310 (AEDC 16TF-783) FLOW ANGULARITIES-FAIR OFF

(UCMO14) ( 04 OCT 91 )

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 1268/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DPACAL	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
.899	-8.003	-89827	-90069	-89917	-89993	-02119	-01982	-01934	-01958	1236.94901	1273.77000
.900	-6.980	-78388	-78518	-78370	-78444	-02104	-01958	-01910	-01934	1246.09300	1274.12000
.900	-5.993	-67026	-67247	-67064	-67156	-01624	-01573	-01534	-01553	1254.23900	1274.53999
.900	-4.992	-55790	-56052	-55869	-55960	-01289	-01224	-01189	-01207	1261.03101	1275.46001
.900	-3.988	-43971	-44133	-43948	-44041	-01197	-01072	-01047	-01059	1264.86700	1271.70000
.900	-2.991	-32332	-32431	-32247	-32339	-01115	-01054	-01019	-01037	1264.66299	1271.16000
.900	-1.995	-20821	-20863	-20682	-20773	-01542	-01392	-01374	-01383	1270.56799	1273.58000
.900	-.997	-09695	-09639	-09475	-09557	-01641	-01498	-01478	-01488	1272.38499	1273.96001
.900	.015	00801	00746	00959	00853	-01565	-01412	-01402	-01407	1271.91901	1272.87000
.900	1.007	11936	11767	11960	11864	-01285	-01114	-01116	-01115	1271.30800	1272.28000
.900	2.004	23364	23310	23481	23396	-00930	-00776	-00769	-00773	1271.54601	1272.83000
.900	3.006	34860	34825	34929	34877	-00696	-00579	-00590	-00585	1272.11099	1273.28999
.900	4.010	46588	46464	46652	46558	-00839	-00721	-00704	-00713	1272.19099	1273.92000
.900	5.008	57817	57957	58137	58047	-00923	-00774	-00771	-00773	1271.40900	1274.20000
.900	6.001	69261	69411	69527	69469	-00747	-00606	-00616	-00611	1269.46500	1274.33000
.900	7.005	80563	80704	80872	80788	-00843	-00608	-00608	-00609	1264.92400	1272.75000
.900	8.009	91227	91430	91589	91510	-00851	-00641	-00656	-00653	1258.28700	1271.36000
	GRADIENT	11278	11289	11286	11287	.00057	.00062	.00059	.00060	1.13523	.00371

RUN NO. 1264/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DPACAL	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
1.250	-7.999	-98590	-98772	-98637	-98704	-01904	-01903	-01865	-01884	1145.15601	1182.32100
1.250	-6.982	-85950	-86050	-85916	-85983	-01742	-01763	-01701	-01732	1154.18900	1182.81000
1.250	-5.996	-73626	-73670	-73522	-73596	-01383	-01379	-01342	-01360	1160.74100	1182.42700
1.250	-4.981	-61241	-61290	-61134	-61212	-01216	-01001	-00967	-00984	1167.63400	1182.68300
1.250	-3.991	-48451	-48341	-48183	-48262	-00982	-00785	-00767	-00776	1171.97301	1182.34500
1.250	-2.990	-35565	-35589	-35420	-35504	-01131	-00953	-00924	-00938	1176.47000	1182.60800
1.250	-1.990	-22913	-22948	-22767	-22858	-01420	-01227	-01221	-01224	1178.57001	1182.84500
1.250	-.996	-10497	-10482	-10304	-10393	-01590	-01366	-01357	-01361	1179.56300	1182.62199
1.250	.014	01306	01306	01500	01403	-01406	-01154	-01157	-01155	1179.83900	1182.01401
1.250	1.010	13677	13575	13755	13665	-01082	-00858	-00855	-00856	1180.79500	1182.34801
1.250	2.008	26020	26086	26241	26163	-00847	-00639	-00657	-00648	1180.40900	1182.35800
1.250	3.025	38709	38591	38769	38680	-00858	-00613	-00655	-00626	1180.13699	1182.61099
1.250	4.011	51472	51367	51558	51462	-00872	-00637	-00655	-00646	1179.75400	1182.14200
1.250	5.017	64097	64066	64249	64158	-00571	-00464	-00485	-00475	1178.81000	1182.14200
1.250	6.009	77132	77128	77310	77219	-00362	-00294	-00321	-00308	1179.11900	1183.07300
1.250	7.007	89349	89387	89612	89499	-00467	-00361	-00384	-00372	1175.04100	1182.19400
1.250	8.004	101152	101244	101418	101331	-00386	-00272	-00289	-00281	1170.50200	1182.93600
	GRADIENT	12447	12435	12437	12436	.00040	.00045	.00038	.00042	1.16780	-.00973

(UCMO14) ( 04 OCT 91 )

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 1258/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DPACAL	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
1.400	-7.996	-1.13259	-1.13318	-1.13199	-1.13259	-0.1752	-0.1682	-0.1626	-0.1654	1127.84801	1164.63300
1.400	-6.985	-99164	-99259	-99119	-99189	-0.1356	-0.1346	-0.1303	-0.1325	1135.85899	1163.73500
1.400	-5.990	-85312	-85242	-85111	-85176	-0.0953	-0.0931	-0.0875	-0.0903	1143.98399	1164.39000
1.400	-4.989	-70706	-70721	-70578	-70649	-0.0764	-0.0723	-0.0668	-0.0695	1149.15900	1163.92200
1.399	-3.988	-55746	-55752	-55595	-55674	-0.0765	-0.0548	-0.0528	-0.0538	1154.04900	1164.33600
1.400	-2.988	-41207	-41110	-40953	-41031	-0.1004	-0.0822	-0.0782	-0.0802	1158.24001	1164.07500
1.400	-1.988	-26713	-26716	-26555	-26636	-0.1459	-0.1202	-0.1174	-0.1188	1160.44000	1164.23399
1.399	-990	-12613	-12466	-12300	-12383	-0.1492	-0.1297	-0.1260	-0.1279	1161.44400	1164.10400
1.400	.018	.01230	.01127	.01320	.01224	-0.0129	-0.0107	-0.0095	-0.0106	1163.40199	1164.37300
1.400	1.004	15141	15080	15277	15178	.00963	.00734	.00720	.00727	1163.17599	1164.27299
1.400	2.005	29298	29209	29287	29298	.00891	.00650	.00638	.00644	1162.03101	1164.03600
1.400	3.005	43584	43481	43638	43560	.00960	.00723	.00720	.00721	1161.89301	1164.10500
1.400	4.023	59015	58992	59172	59088	.00831	.00703	.00704	.00704	1162.81000	1164.21400
1.400	5.009	73295	73252	73445	73348	.00588	.00502	.00517	.00510	1161.38600	1164.21700
1.400	6.011	87546	87544	87775	87659	.00625	.00553	.00556	.00554	1160.62000	1164.72501
1.400	7.013	1.01731	1.01788	1.01959	1.01874	.00837	.00725	.00730	.00728	1158.04401	1163.94600
1.400	8.005	1.15029	1.15057	1.15203	1.15130	.00783	.00535	.00569	.00552	1154.30200	1164.44200
	GRADIENT	.14270	.14257	.14261	.14259	.00002	.00009	.00004	.00007	1.25372	.00731

RUN NO. 1226/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DPACAL	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
1.450	-8.000	-1.18881	-1.19044	-1.18890	-1.18967	-0.3844	-0.3945	-0.3865	-0.3905	1117.55901	1158.65500
1.451	-6.989	-1.03391	-1.03720	-1.03573	-1.03646	-0.3725	-0.3826	-0.3753	-0.3789	1125.49100	1158.08299
1.450	-5.994	-88846	-89190	-89076	-89133	-0.3179	-0.3166	-0.3137	-0.3151	1132.99001	1158.38100
1.450	-4.994	-74229	-74579	-74405	-74492	-0.2928	-0.2819	-0.2784	-0.2801	1139.79201	1157.89700
1.450	-3.994	-58733	-58939	-58750	-58845	-0.2762	-0.2653	-0.2610	-0.2631	1144.67999	1158.64301
1.450	-2.994	-43942	-44066	-43881	-43974	-0.2799	-0.2655	-0.2629	-0.2642	1148.66100	1158.36301
1.450	-1.995	-28769	-29049	-28859	-28954	-0.2864	-0.2724	-0.2700	-0.2712	1154.27699	1158.50500
1.450	.986	.13201	.13473	.13286	.13380	-0.2852	-0.2680	-0.2653	-0.2666	1155.96400	1158.15601
1.450	.024	.01692	.01254	.01455	.01354	-0.2177	-0.2019	-0.1998	-0.2009	1159.16800	1158.52800
1.450	1.006	16850	16745	16997	16871	-0.1694	-0.1496	-0.1503	-0.1499	1159.10699	1158.24600
1.450	2.010	31525	31445	31634	31540	-0.1390	-0.1240	-0.1230	-0.1235	1154.83299	1158.53700
1.450	3.011	46847	46628	46814	46721	-0.1506	-0.1335	-0.1352	-0.1332	1155.35400	1158.85699
1.450	4.012	63093	62852	63024	62938	-0.1550	-0.1363	-0.1352	-0.1358	1155.58200	1158.02000
1.451	5.009	78232	77948	78119	78033	-0.1122	-0.0937	-0.0943	-0.0940	1154.07600	1158.83000
1.450	6.011	93223	93127	93289	93208	-0.0900	-0.0908	-0.0920	-0.0914	1153.54201	1158.11099
1.450	7.008	1.08304	1.08192	1.08375	1.08284	-0.1260	-0.1237	-0.1256	-0.1246	1152.37199	1158.36400
1.450	8.004	1.22638	1.22517	1.22721	1.22619	-0.0573	-0.0559	-0.0603	-0.0581	1149.22099	1158.75301
	GRADIENT	.15165	.15174	.15175	.15174	.00196	.00204	.00200	.00202	1.60811	.01860

IA310 (AEDC 16TF-783) FLOW ANGULARITIES-FAIR OFF (UCMO15) ( 04 OCT 91 )

PARAMETRIC DATA

BETA = .000 PHI = 180.000

MACH	ALPHA	DPACAL	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
.900	7.994	.89992	.89685	.90411	.90048	.02056	.02124	.02123	.02123	1259.93300	1273.21001
.900	6.993	.78805	.78472	.79144	.78808	.01945	.02027	.02030	.02029	1265.17500	1273.23000
.900	5.980	.67364	.67167	.66474	.66821	.01668	.01733	.01733	.01733	1268.85899	1273.20000
.900	4.994	.56261	.56008	.56214	.56111	.01246	.01196	.01212	.01204	1271.05499	1273.21001
.900	3.996	.44510	.44128	.44309	.44218	.01179	.01102	.01113	.01107	1272.04201	1273.13000
.900	2.995	.33007	.32657	.32839	.32748	.01279	.01234	.01259	.01247	1272.33299	1273.28999
.900	1.993	.21383	.21052	.21250	.21151	.01340	.01272	.01298	.01285	1272.33600	1273.31000
.900	.990	.09853	.09508	.09719	.09614	.01413	.01333	.01363	.01348	1272.40601	1273.22000
.900	-.028	-.01231	-.01336	-.01133	-.01234	.01337	.01318	.01345	.01332	1272.16000	1273.14000
.900	-1.009	-.11778	-.11898	-.11695	-.11797	.00873	.00819	.00872	.00845	1271.36700	1272.84000
.900	-2.006	-.22932	-.23179	-.22994	-.23087	.00794	.00726	.00809	.00768	1269.73801	1272.74001
.900	-3.009	-.34473	-.34692	-.34487	-.34589	.00911	.00845	.00897	.00871	1267.13100	1272.80000
.900	-4.012	-.46109	-.46354	-.46160	-.46257	.01032	.00929	.00990	.00960	1263.21400	1272.64999
.900	-5.016	-.57560	-.57784	-.57599	-.57692	.00981	.00905	.00962	.00934	1258.08099	1272.47000
.900	-6.009	-.68750	-.68997	-.68804	-.68901	.00691	.00722	.00807	.00764	1251.70200	1272.36000
.900	-7.007	-.80122	-.80356	-.80169	-.80263	.00572	.00611	.00777	.00694	1244.68500	1272.58000
.900	-8.006	-.90943	-.91236	-.91074	-.91155	.00692	.00677	.00809	.00743	1236.38800	1272.80000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1166/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DPACAL	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
1.250	7.992	.98993	.98766	.98891	.98829	.02545	.02423	.02404	.02413	1169.52499	1182.64101
1.250	6.991	.86576	.86324	.86419	.86372	.02300	.02239	.02236	.02237	1174.19000	1182.34900
1.250	5.990	.74172	.73893	.73997	.73945	.01997	.01849	.01840	.01845	1177.70799	1182.42599
1.250	5.001	.61924	.61692	.61834	.61763	.01549	.01407	.01398	.01402	1180.15300	1182.60699
1.250	3.995	.48887	.48652	.48751	.48701	.01267	.01178	.01175	.01177	1181.15800	1182.66800
1.250	2.979	.36042	.35737	.35837	.35787	.01393	.01261	.01272	.01266	1181.80701	1182.45700
1.250	1.994	.23225	.22969	.23099	.23034	.01448	.01402	.01420	.01411	1181.26900	1182.44800
1.250	.984	.10601	.10391	.10514	.10452	.01627	.01521	.01529	.01525	1181.22200	1182.60300
1.250	-.009	-.01156	-.01337	-.01211	-.01274	.01435	.01317	.01342	.01329	1181.30901	1182.65100
1.250	-1.011	-.13438	-.13575	-.13454	-.13514	.01134	.01002	.01092	.01047	1181.28200	1182.76700
1.250	-2.010	-.25560	-.25678	-.25558	-.25618	.00954	.00846	.00917	.00882	1179.17300	1182.36400
1.250	-3.005	-.37913	-.38103	-.37991	-.38047	.00999	.00859	.00957	.00908	1176.22000	1182.55099
1.249	-4.012	-.51064	-.51202	-.51074	-.51138	.01123	.00929	.01056	.00992	1171.81400	1182.58099
1.250	-5.008	-.63695	-.63799	-.63681	-.63740	.00815	.00753	.00786	.00769	1166.99100	1182.48399
1.250	-6.005	-.76618	-.76809	-.76683	-.76746	.00655	.00563	.00600	.00581	1161.91901	1182.56000
1.250	-7.008	-.89046	-.89092	-.88991	-.89042	.00664	.00596	.00643	.00619	1153.95500	1182.73599
1.250	-8.021	-1.01131	-1.01131	-1.01133	-1.01197	.00558	.00486	.00544	.00515	1144.69501	1182.78000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1166/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

(UCMO15) ( 04 OCT 91 )

PARAMETRIC DATA

BETA = .000 PHI = 180.000

RUN NO. 1186/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DPACAL	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
1.400	7.996	1.14210	1.13780	1.13956	1.13868	.02766	.02537	.02551	.02544	1154.62399	1165.13300
1.400	6.984	1.00338	.99991	1.00203	1.00097	.02461	.02186	.02204	.02195	1160.30701	1165.05000
1.400	5.995	.86444	.85829	.86038	.85933	.01789	.01737	.01747	.01742	1163.56400	1165.24001
1.400	4.994	.71834	.71273	.71431	.71352	.01405	.01368	.01387	.01378	1163.95000	1165.00900
1.400	3.993	.56714	.56128	.56334	.56231	.01204	.01202	.01215	.01208	1164.50101	1165.59000
1.400	2.993	.41965	.41478	.41697	.41588	.01291	.01204	.01234	.01219	1164.89700	1165.21500
1.400	1.993	.27167	.26753	.26936	.26844	.01507	.01452	.01504	.01478	1163.90500	1165.07201
1.400	1.002	.13045	.12591	.12777	.12684	.01466	.01396	.01437	.01417	1164.20399	1165.27400
1.400	-.013	-.00850	-.01356	-.01131	-.01244	.01294	.01211	.01258	.01234	1164.68700	1165.11000
1.400	-.994	-.14647	-.15189	-.14970	-.15080	.01038	.00952	.01015	.00983	1164.58299	1165.46100
1.400	-2.012	-.28854	-.29379	-.29171	-.29275	.00929	.00873	.00935	.00904	1160.83400	1164.96899
1.400	-3.006	-.43040	-.43368	-.43165	-.43267	.01152	.01109	.01155	.01132	1158.76700	1165.35201
1.400	-4.008	-.58521	-.58910	-.58718	-.58814	.01123	.01023	.01094	.01059	1154.79300	1165.42799
1.400	-5.004	-.72939	-.73457	-.73268	-.73363	.00887	.00786	.00862	.00824	1149.36400	1165.30400
1.400	-6.017	-.87428	-.87904	-.87727	-.87815	.00931	.00802	.00879	.00840	1142.88200	1165.25800
1.400	-7.009	-1.01622	-1.02100	-1.01912	-1.02006	.01221	.00904	.00989	.00946	1135.93600	1165.37000
1.399	-8.000	-1.15360	-1.15640	-1.15439	-1.15540	.01121	.00782	.00868	.00825	1126.38100	1165.07700
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1200/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DPACAL	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
1.450	7.998	1.19995	1.19777	1.19939	1.19858	.04224	.04165	.04151	.04158	1145.20200	1158.21201
1.451	7.003	1.04562	1.04535	1.04636	1.04586	.04081	.04125	.04110	.04117	1148.49699	1158.29201
1.450	5.998	.89417	.89278	.89508	.89393	.03555	.03572	.03569	.03571	1150.03999	1158.10201
1.449	5.003	.75629	.75301	.75496	.75399	.03062	.03081	.03082	.03082	1153.39900	1158.69800
1.450	3.992	.59593	.59405	.59599	.59502	.02771	.02823	.02812	.02818	1153.27400	1158.50500
1.450	2.998	.44439	.44162	.44351	.44257	.02725	.02695	.02694	.02694	1153.21400	1158.33501
1.449	2.004	.29377	.29250	.29465	.29357	.02941	.02814	.02838	.02826	1155.98100	1158.55600
1.450	.996	.13923	.13628	.13825	.13727	.02691	.02551	.02575	.02563	1157.88000	1158.20399
1.450	-.004	-.00988	-.01267	-.01055	-.01161	.02291	.02142	.02172	.02157	1158.52901	1158.07300
1.450	-.997	-.16522	-.16719	-.16505	-.16612	.01949	.01777	.01806	.01791	1159.77901	1158.29100
1.450	-1.992	-.31161	-.31413	-.31210	-.31311	.01649	.01452	.01491	.01472	1153.44099	1158.37500
1.450	-3.008	-.46514	-.46618	-.46414	-.46516	.01754	.01571	.01616	.01594	1150.83800	1158.35099
1.450	-3.999	-.62713	-.63010	-.62813	-.62911	.01569	.01569	.01623	.01596	1148.14500	1158.35400
1.450	-5.000	-.77676	-.78002	-.77808	-.77905	.01190	.01149	.01200	.01175	1140.72000	1158.32899
1.450	-6.002	-.92625	-.93013	-.92819	-.92916	.01058	.01036	.01105	.01071	1134.06799	1158.36000
1.449	-7.003	-1.07732	-1.07957	-1.07768	-1.07863	.01366	.01286	.01379	.01333	1127.08000	1158.77200
1.449	-8.001	-1.22163	-1.22309	-1.22152	-1.22230	.01114	.00957	.01045	.01001	1118.52499	1158.49500
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

C-1











IA310 (AEDC 16TF-783) FLOW ANGULARITIES-FAIR OFF (UCMO17) ( 04 OCT 91 )

PARAMETRIC DATA

ALPHA = .000 PHI = 90.000

MACH	BETA	DPACAL	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
.900	-3.988	.01731	.01378	.01577	.01477	-.44375	-.44161	-.44141	-.44151	1268.98199	1273.03999
.900	-2.989	.01752	.01407	.01609	.01508	-.32898	-.32727	-.32720	-.32724	1270.67400	1273.22000
.899	-1.985	.01763	.01433	.01649	.01541	-.21285	-.21177	-.21165	-.21171	1271.60699	1272.92999
.900	-.993	.01729	.01459	.01653	.01556	-.10140	-.09974	-.09945	-.09960	1272.04300	1273.16000
.900	.017	.01309	.01026	.01245	.01136	.01074	.01004	.01040	.01022	1271.90199	1272.91000
.900	1.006	.01281	.00932	.01156	.01044	.12255	.12254	.12282	.12268	1271.52499	1272.78000
.900	2.005	.01184	.00820	.01030	.00925	.23319	.23359	.23412	.23385	1270.66800	1272.57001
.900	2.998	.01255	.00888	.01098	.00993	.34603	.34702	.34748	.34725	1269.34700	1272.35001
.900	3.995	.01574	.01240	.01429	.01335	.46345	.46318	.46378	.46348	1266.78799	1272.28000
	GRADIENT	-.00062	-.00065	-.00064	-.00065	.11308	.11283	.11289	.11286	-.25247	-.11272

RUN NO. 1223/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

RUN NO. 1168/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	DPACAL	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
1.250	-3.985	.01764	.01515	.01649	.01582	-.48377	-.48450	-.48447	-.48448	1177.39500	1182.39000
1.250	-2.970	.01862	.01624	.01729	.01676	-.35453	-.35498	-.35508	-.35503	1179.92000	1182.45200
1.250	-1.980	.01930	.01711	.01826	.01768	-.22929	-.22932	-.22922	-.22927	1180.46100	1182.67999
1.250	-.992	.01915	.01673	.01786	.01730	-.10603	-.10719	-.10700	-.10709	1180.70300	1182.45300
1.250	.016	.01417	.01182	.01302	.01242	.01554	.01418	.01446	.01432	1181.15601	1182.45599
1.249	1.014	.01069	.00832	.00965	.00898	.14145	.14067	.14098	.14083	1181.83200	1182.48900
1.250	2.004	.01106	.00862	.00992	.00927	.26387	.26151	.26180	.26165	1181.07800	1182.55499
1.250	3.010	.01334	.01073	.01202	.01138	.38715	.38562	.38601	.38582	1179.83099	1182.45500
1.250	3.995	.01565	.01394	.01521	.01458	.51580	.51484	.51521	.51502	1177.60699	1182.30400
	GRADIENT	-.00081	-.00078	-.00077	-.00077	.12462	.12448	.12454	.12451	.04987	-.00915

RUN NO. 1187/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	DPACAL	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
1.400	-3.988	.02114	.01513	.01730	.01621	-.56021	-.56111	-.56103	-.56107	1160.66499	1165.41000
1.400	-2.991	.02179	.01610	.01822	.01716	-.41487	-.41522	-.41510	-.41516	1163.09100	1165.13499
1.400	-1.984	.02472	.01780	.01999	.01890	-.26912	-.26990	-.26961	-.26975	1163.10800	1164.98599
1.400	-.986	.02304	.01612	.01832	.01722	-.12720	-.12711	-.12688	-.12700	1163.76300	1165.46899
1.400	.008	.01677	.00983	.01212	.01098	.01193	.01144	.01183	.01164	1165.08099	1165.13800
1.400	1.004	.01352	.00648	.00876	.00762	.15829	.15723	.15782	.15753	1164.84200	1164.98801
1.400	2.000	.01575	.00880	.01105	.00993	.29816	.29745	.29791	.29768	1162.97501	1165.29700
1.400	3.006	.02045	.01421	.01648	.01535	.44280	.44041	.44111	.44076	1162.60201	1165.27800
1.400	3.996	.02210	.01610	.01834	.01722	.59205	.59149	.59204	.59176	1161.35100	1165.39101
	GRADIENT	-.00046	-.00049	-.00047	-.00048	.14364	.14354	.14362	.14358	.03513	.00824

IA310 (AEDC 16TF-783) FLOW ANGULARITIES-FAIR OFF (UCM017) ( 04 OCT 91 )

PARAMETRIC DATA

ALPHA = .000 PHI = 90.000

RUN NO. 1201/ O RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	DPACAL	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
1.450	-3.993	.03763	.03376	.03578	.03477	-.59302	-.59254	-.59272	-.59263	1149.61501	1158.36200
1.449	-2.997	.03650	.03255	.03467	.03361	-.44116	-.44215	-.44191	-.44203	1151.34000	1158.41400
1.450	-1.996	.03619	.03196	.03435	.03315	-.29354	-.29316	-.29307	-.29312	1155.02499	1158.37000
1.450	-1.003	.03138	.02850	.03065	.02957	-.13844	-.13806	-.13792	-.13799	1157.65800	1158.41200
1.450	.005	.02442	.02123	.02335	.02229	.01481	.01322	.01364	.01343	1158.83099	1158.29300
1.450	1.004	.01968	.01623	.01848	.01735	.17398	.17333	.17373	.17353	1160.82100	1158.27299
1.450	1.990	.01893	.01509	.01711	.01610	.31973	.32053	.32077	.32065	1155.60899	1158.17799
1.450	2.986	.02292	.01886	.02091	.01989	.47070	.47049	.47121	.47085	1154.57700	1158.55600
1.450	3.986	.02593	.02199	.02425	.02312	.63610	.63636	.63687	.63662	1154.95300	1158.39400
	GRADIENT	-.00224	-.00224	-.00224	-.00224	.15373	.15360	.15368	.15364	.59282	.00049

RUN NO. 1280/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	DPACAL	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
1.473	-3.982	.02542	.02368	.02545	.02456	-.61936	-.62012	-.62022	-.62017	1144.48700	1150.36617
1.473	-2.990	.02598	.02429	.02598	.02514	-.45553	-.45343	-.45373	-.45358	1144.05200	1150.60005
1.473	-1.990	.02723	.02659	.02833	.02746	-.29684	-.29606	-.29605	-.29605	1144.24300	1153.63858
1.473	-.986	.02885	.02782	.02962	.02872	-.13904	-.13815	-.13814	-.13814	1145.95599	1152.25385
1.473	.017	.02436	.02355	.02515	.02435	.01779	.01645	.01651	.01648	1145.58900	1150.80296
1.473	1.010	.02121	.02011	.02175	.02093	.17929	.17883	.17897	.17890	1145.86400	1151.79712
1.473	2.000	.02077	.01992	.02169	.02080	.33713	.33793	.33820	.33807	1148.55499	1154.26323
1.473	3.001	.02409	.02333	.02502	.02418	.49552	.49587	.49626	.49606	1149.41100	1152.91072
1.473	3.991	.02571	.02414	.02596	.02505	.65894	.65810	.65876	.65843	1145.94299	1152.68976
	GRADIENT	-.00042	-.00037	-.00037	-.00037	.15963	.15951	.15961	.15956	.50876	.28413

RUN NO. 1242/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	DPACAL	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
1.496	-3.987	.02438	.02342	.02513	.02427	-.66082	-.66125	-.66154	-.66140	1144.14500	1147.66484
1.496	-2.990	.02519	.02427	.02602	.02515	-.50063	-.49845	-.49874	-.49860	1146.45000	1148.90459
1.496	-1.985	.02671	.02580	.02750	.02665	-.33132	-.33063	-.33056	-.33059	1147.78000	1148.41512
1.496	-.989	.02660	.02526	.02709	.02617	-.15371	-.15272	-.15264	-.15268	1145.91200	1146.57509
1.495	.016	.02118	.01987	.02149	.02068	.02007	.01917	.01933	.01925	1144.13200	1145.90149
1.496	1.017	.01835	.01716	.01874	.01795	.19503	.19468	.19491	.19479	1146.25800	1148.28551
1.496	2.000	.01726	.01646	.01807	.01727	.36305	.36288	.36235	.36261	1146.83900	1148.17560
1.496	2.995	.02124	.02031	.02199	.02115	.52899	.52742	.52807	.52775	1147.01700	1147.35881
1.496	4.001	.02219	.02121	.02314	.02217	.70313	.70243	.70303	.70273	1147.81000	1148.93159
	GRADIENT	-.00080	-.00079	-.00079	-.00079	.17170	.17145	.17154	.17149	.24732	.02755

IA310 (AEDC 16TF-783) FLOW ANGULARITIES-FAIR OFF

(UCMO17) ( 04 OCT 91 )

PARAMETRIC DATA

ALPHA = .000 PHI = 90.000

RUN NO. 1287/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	DPACAL	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
1.520	-3.987	.03414	.03248	.03414	.03331	-.66163	-.66048	-.66070	-.66059	1144.73199	1145.17578
1.520	-2.985	.01662	.01488	.01662	.01575	-.42210	-.42046	-.42057	-.42052	1141.61800	1143.28876
1.520	-1.990	-.00650	-.00554	-.00543	-.00549	-.18518	-.18430	-.18417	-.18423	1142.01700	1142.11697
1.520	-.992	.00204	.00192	.00288	.00240	-.07574	-.07431	-.07401	-.07416	1142.49699	1143.22028
1.520	.015	.00503	.00409	.00594	.00501	.02182	.02173	.02209	.02191	1143.83701	1144.32732
1.520	1.004	-.00043	.00085	.00089	.00087	.11565	.11555	.11587	.11571	1143.21500	1143.35368
1.520	2.006	.00998	.00923	.01098	.01011	.29865	.29932	.29982	.29957	1140.57201	1142.91370
1.520	3.001	.02396	.02237	.02425	.02331	.51153	.51084	.51140	.51112	1139.81900	1142.04536
1.520	3.996	.02489	.02320	.02500	.02410	.74226	.74147	.74230	.74189	1138.87900	1141.36711
	GRADIENT	.00026	.00023	.00028	.00026	.15991	.15963	.15975	.15969	-.51719	-.28770

RUN NO. 1255/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	DPACAL	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
1.544	-3.987	.00686	.00612	.00788	.00700	-.59615	-.59544	-.59566	-.59555	1129.75900	1139.16669
1.544	-2.979	.00562	.00488	.00669	.00578	-.41226	-.41057	-.41077	-.41067	1129.93300	1137.92747
1.544	-1.989	.00798	.00814	.00981	.00897	-.24234	-.24242	-.24254	-.24248	1128.34300	1137.02879
1.543	-.991	.01172	.01101	.01278	.01189	-.09409	-.09269	-.09266	-.09267	1125.54100	1136.55981
1.544	.017	.00745	.00652	.00852	.00752	.02543	.02524	.02549	.02537	1124.47301	1137.44447
1.543	1.010	-.00057	.00100	.00111	.00106	.14343	.14299	.14323	.14311	1125.42000	1138.37132
1.544	2.000	-.00835	-.00648	-.00646	-.00647	.28049	.28047	.28081	.28064	1126.19901	1138.04631
1.543	3.001	-.01096	-.01080	-.00906	-.00993	.43226	.43261	.43296	.43279	1123.49800	1135.14342
1.543	3.995	-.00578	-.00508	-.00479	-.00494	.60740	.60664	.60724	.60694	1123.22501	1135.33475
	GRADIENT	-.00243	-.00219	-.00237	-.00228	.14422	.14402	.14412	.14407	-.83319	-.33133

(UCMO18) ( 04 OCT 91 )

PARAMETRIC DATA

ALPHA = .000 PHI = 90.000

RUN NO. 1272/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	DPACAL	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
.900	-3.989	.01584	.01499	.01675	.01587	-.44261	-.44261	-.44239	-.44250	1269.30901	1273.62000
.900	-2.989	.01619	.01565	.01722	.01643	-.32804	-.32804	-.32804	-.32805	1271.37100	1273.94000
.900	-1.985	.01621	.01606	.01786	.01696	-.21275	-.21133	-.21132	-.21132	1272.33800	1273.78000
.900	-.993	.01628	.01598	.01778	.01688	-.10326	-.10093	-.10086	-.10090	1272.84399	1273.84000
.900	.016	.01246	.01221	.01402	.01311	.00841	.00899	.00917	.00908	1272.75999	1273.56000
.899	1.005	.01103	.01074	.01250	.01162	.12176	.12197	.12221	.12209	1272.42700	1273.39999
.900	2.005	.01016	.00998	.01173	.01085	.23268	.23346	.23362	.23354	1271.81900	1273.50999
.900	2.998	.01194	.01085	.01267	.01176	.34625	.34673	.34703	.34688	1270.46800	1273.34000
.900	4.000	.01594	.01492	.01660	.01576	.46363	.46360	.46392	.46376	1267.87801	1273.05000
	GRADIENT	-.00050	-.00054	-.00053	-.00053	.11317	.11290	.11292	.11291	-.16468	-.08448

RUN NO. 1266/ 0 RN/L = 2.51 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	DPACAL	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
1.250	-3.985	.01557	.01433	.01609	.01521	-.48516	-.48467	-.48470	-.48468	1177.01199	1182.64101
1.250	-2.987	.01632	.01497	.01686	.01591	-.35737	-.35715	-.35693	-.35704	1179.64600	1182.34900
1.250	-1.986	.01765	.01643	.01840	.01741	-.23139	-.23122	-.23146	-.23134	1179.69901	1182.44800
1.250	-.981	.01782	.01646	.01835	.01740	-.10734	-.10619	-.10616	-.10617	1180.11200	1182.74600
1.250	.015	.01367	.01234	.01438	.01336	.01368	.01437	.01457	.01447	1179.92101	1182.46001
1.250	1.008	.01090	.00960	.01169	.01065	.13895	.13986	.13997	.13992	1181.17300	1182.93900
1.250	2.003	.01110	.00965	.01160	.01062	.26218	.26292	.26319	.26306	1179.53799	1181.99500
1.250	2.999	.01261	.01103	.01299	.01201	.38575	.38514	.38548	.38531	1178.59700	1182.74001
1.250	4.000	.01505	.01459	.01649	.01554	.51491	.51423	.51466	.51444	1175.75200	1182.65100
	GRADIENT	-.00055	-.00052	-.00050	-.00051	.12467	.12456	.12462	.12459	-.12405	-.00838

RUN NO. 1261/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	DPACAL	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
1.400	-3.988	.01395	.01396	.01581	.01489	-.56122	-.56058	-.56079	-.56069	1159.01100	1164.29500
1.399	-2.980	.01586	.01495	.01679	.01587	-.41514	-.41467	-.41485	-.41476	1161.61400	1164.14500
1.400	-1.984	.01848	.01748	.01925	.01837	-.27050	-.27058	-.27068	-.27063	1161.44901	1163.94701
1.400	-.986	.01719	.01628	.01810	.01719	-.13014	-.12823	-.12816	-.12820	1162.21700	1164.27100
1.400	.019	.01197	.01096	.01278	.01187	.01170	.01225	.01244	.01235	1162.91901	1164.01500
1.400	1.008	.00952	.00849	.01036	.00946	.15646	.15718	.15748	.15733	1163.19800	1164.50400
1.400	2.000	.01139	.01044	.01235	.01139	.29723	.29709	.29731	.29720	1161.00101	1163.88800
1.400	3.001	.01442	.01431	.01620	.01525	.43827	.43716	.43772	.43744	1160.46001	1164.67700
1.400	4.001	.01729	.01705	.01893	.01799	.58814	.58876	.58912	.58894	1158.11900	1163.72400
	GRADIENT	-.00021	-.00019	-.00018	-.00019	.14333	.14323	.14332	.14328	-.11542	-.00961

IA310 (AEDC 16TF-783) FLOW ANGULARITIES-FAIR OFF

(UCMO18) ( 04 OCT 91 )

PARAMETRIC DATA

ALPHA = .000 PHI = 90.000

RUN NO. 1228/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	DPACAL	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
1.449	-3.987	.03430	.03129	.03331	.03230	-.59192	-.59212	-.59217	-.59215	1150.14200	1158.91800
1.450	-2.980	.03348	.03059	.03264	.03162	-.44201	-.44240	-.44218	-.44229	1152.00000	1158.53700
1.450	-1.985	.03328	.03064	.03249	.03157	-.29135	-.29257	-.29254	-.29256	1155.38901	1158.45799
1.450	-.992	.03093	.02810	.03008	.02909	-.13724	-.13731	-.13697	-.13714	1157.08900	1158.15601
1.450	.016	.02530	.02046	.02249	.02148	.01362	.01375	.01429	.01402	1158.66499	1158.93800
1.450	1.009	.02077	.01597	.01782	.01689	.17278	.17231	.17266	.17249	1159.50101	1157.95500
1.450	2.006	.01893	.01588	.01799	.01694	.32113	.32077	.32113	.32095	1154.64000	1158.57899
1.450	2.996	.02218	.01915	.02128	.02021	.47321	.47125	.47176	.47150	1153.33600	1158.00999
1.450	3.997	.02468	.02142	.02348	.02245	.63411	.63414	.63448	.63431	1152.83800	1158.58299
	GRADIENT	-.00186	-.00193	-.00192	-.00192	.15347	.15342	.15347	.15345	.26350	-.04808

IA310 (AEDC 16TF-783) FLOW ANGULARITIES-FAIR OFF

(UCMO19) ( 04 OCT 91 )

PARAMETRIC DATA

ALPHA = .000 PHI = -90.000

RUN NO. 1224/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	DPACAL	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
.900	4.025	-.00616	-.00797	-.00720	-.00759	.44181	.44170	.44222	.44196	1267.88699	1273.02000
.900	3.016	-.00943	-.01136	-.00923	-.01030	.32685	.32766	.32809	.32788	1270.07300	1273.02000
.900	2.005	-.01214	-.01412	-.01212	-.01312	.21239	.21313	.21344	.21329	1271.57700	1273.24001
.900	1.000	-.01601	-.01743	-.01524	-.01633	.10048	.10049	.10083	.10066	1272.08400	1273.16000
.900	-.016	-.01542	-.01659	-.01462	-.01561	-.01076	-.00970	-.00956	-.00963	1272.23500	1273.09000
.900	-1.012	-.00990	-.01114	-.00908	-.01011	.12048	.12083	.12048	.12066	1271.98300	1273.02000
.900	-2.013	-.00556	-.00721	-.00667	-.00694	.23457	.23348	.23319	.23333	1271.44800	1273.12000
.900	-3.023	-.00532	-.00701	-.00663	-.00682	.34971	.34754	.34666	.34710	1270.43300	1273.09000
.900	-4.039	-.00709	-.00898	-.00754	-.00826	.46533	.46323	.46323	.46323	1268.37700	1273.31000
	GRADIENT	-.00046	-.00048	-.00039	-.00043	.11214	.11189	.11190	.11189	-.04457	-.01641



IA310 (AEDC 16TF-783) FLOW ANGULARITIES-FAIR OFF (UCM019) ( 04 OCT 91 )

## PARAMETRIC DATA

ALPHA = .000 PHI = -90.000

RUN NO. 1169/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	DPACAL	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
1.250	4.023	-.00537	-.00651	-.00523	-.00587	.48954	.48871	.48906	.48889	1178.35600	1182.34100
1.250	3.010	-.00837	-.00989	-.00856	-.00923	.36295	.36103	.36140	.36122	1180.42700	1182.61301
1.250	2.001	-.01208	-.01365	-.01245	-.01305	.23645	.23440	.23459	.23449	1180.87500	1182.63800
1.250	.995	-.01520	-.01697	-.01572	-.01635	.11071	.11032	.11059	.11046	1180.91800	1182.50000
1.250	-.013	-.01181	-.01339	-.01217	-.01278	-.01124	-.01174	-.01147	-.01161	1181.30800	1182.32800
1.250	-1.009	-.00658	-.00819	-.00702	-.00761	-.13459	-.13596	-.13576	-.13586	1181.86600	1182.48100
1.250	-2.027	-.00349	-.00524	-.00462	-.00493	-.25985	-.25959	-.25974	-.25966	1180.77600	1182.46001
1.250	-3.024	-.00351	-.00511	-.00452	-.00482	-.38141	-.38138	-.38157	-.38148	1179.13901	1182.25200
1.250	-4.043	-.00437	-.00500	-.00463	-.00481	-.51043	-.51093	-.51094	-.51093	1176.61301	1182.50101
	GRADIENT	-.00073	-.00076	-.00064	-.00070	.12364	.12346	.12353	.12349	.16701	.01350

RUN NO. 1188/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	DPACAL	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
1.400	4.025	-.00166	-.00601	-.00535	-.00568	.56552	.56544	.56601	.56572	1161.26601	1165.15401
1.400	3.024	-.00425	-.00861	-.00699	-.00780	.42210	.41994	.42066	.42030	1163.24100	1164.86000
1.399	2.004	-.01030	-.01558	-.01345	-.01452	.27601	.27557	.27594	.27576	1163.75200	1165.52200
1.399	.998	-.01294	-.01808	-.01593	-.01700	.13212	.13087	.13139	.13113	1163.65800	1164.95000
1.400	-.019	-.00864	-.01378	-.01159	-.01269	-.01300	-.01243	-.01196	-.01220	1165.20000	1165.41901
1.400	-1.004	-.00373	-.00894	-.00710	-.00802	-.15269	-.15273	-.15245	-.15259	1164.83701	1165.06799
1.400	-2.024	-.00159	-.00664	-.00612	-.00638	-.29450	-.29501	-.29481	-.29491	1162.62500	1165.21100
1.400	-3.015	-.00283	-.00745	-.00663	-.00704	-.43450	-.43509	-.43490	-.43500	1161.92500	1165.33900
1.400	-4.035	-.00310	-.00765	-.00661	-.00713	-.58620	-.58710	-.58705	-.58707	1160.11700	1165.04800
	GRADIENT	-.00041	-.00039	-.00032	-.00036	.14239	.14235	.14242	.14238	.15875	-.00852

RUN NO. 1202/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	DPACAL	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
1.450	4.030	-.01917	-.02174	-.01972	-.02073	.59797	.59824	.59876	.59850	1150.15800	1158.57201
1.450	3.019	-.02136	-.02367	-.02158	-.02262	.44653	.44702	.44745	.44723	1151.92999	1158.70399
1.450	2.011	-.02479	-.02713	-.02505	-.02609	.29797	.29811	.29852	.29831	1155.04300	1158.20000
1.450	1.005	-.02378	-.02643	-.02428	-.02535	.14255	.14217	.14249	.14233	1157.46400	1158.31200
1.451	.003	-.01754	-.02007	-.01816	-.01912	-.01103	-.01088	-.01067	-.01078	1158.63699	1158.17200
1.450	-1.001	-.01224	-.01479	-.01279	-.01379	-.16815	-.16773	-.16762	-.16767	1160.67500	1158.58800
1.450	-2.009	-.00827	-.01063	-.00860	-.00962	-.31738	-.31659	-.31664	-.31661	1155.25800	1158.51900
1.450	-3.011	-.00809	-.01057	-.00841	-.00949	-.46806	-.46601	-.46590	-.46596	1154.07700	1158.21400
1.450	-4.025	-.00778	-.01037	-.00828	-.00932	-.62998	-.62931	-.62931	-.62926	1153.40100	1158.09500
	GRADIENT	-.00215	-.00214	-.00215	-.00214	.15238	.15223	.15230	.15226	-.38234	-.04088

IA310 (AEDC 16TF-783) FLOW ANGULARITIES-FAIR OFF (UCMO19) ( 04 OCT 91 )

PARAMETRIC DATA

ALPHA = .000 PHI = -90.000

MACH	BETA	DPACAL	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
1.473	4.024	-.01168	-.01172	-.00987	-.01080	.63014	.62963	.62988	.62976	1146.96300	1153.06296
1.473	3.007	-.01433	-.01460	-.01280	-.01370	.46073	.46091	.46135	.46113	1147.63100	1154.01569
1.473	2.004	-.02025	-.02060	-.01891	-.01976	.29982	.30094	.30108	.30101	1145.04100	1153.86818
1.473	.993	-.02455	-.02472	-.02310	-.02391	.14227	.14193	.14212	.14202	1146.61600	1153.19931
1.473	-.010	-.02176	-.02194	-.02022	-.02108	-.01373	-.01357	-.01348	-.01353	1146.86200	1152.41818
1.473	-1.012	-.01731	-.01752	-.01575	-.01663	-.17459	-.17344	-.17427	-.17385	1146.25301	1151.84538
1.474	-2.014	-.01422	-.01421	-.01246	-.01334	-.33297	-.33170	-.33192	-.33181	1146.36400	1151.47784
1.473	-3.021	-.01358	-.01371	-.01205	-.01288	-.49116	-.48894	-.48930	-.48912	1145.99100	1150.53947
1.474	-4.040	-.01203	-.01191	-.01024	-.01108	-.64982	-.65008	-.65054	-.65031	1144.07201	1150.30635
	GRADIENT	-.00033	-.00036	-.00035	-.00035	.15830	.15815	.15827	.15821	.23536	.45674

RUN NO. 1281/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

RUN NO. 1243/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	DPACAL	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
1.496	4.023	-.01697	-.01688	-.01522	-.01605	.67038	.66914	.66961	.66938	1140.81200	1143.83940
1.496	3.012	-.02082	-.02082	-.01930	-.02006	.50540	.50457	.50511	.50484	1142.89500	1146.60835
1.495	1.999	-.02754	-.02732	-.02571	-.02651	.33396	.33400	.33441	.33421	1146.02901	1146.50598
1.496	.996	-.02815	-.02782	-.02611	-.02697	.15589	.15509	.15530	.15520	1144.97800	1146.75342
1.496	-.027	-.02427	-.02408	-.02250	-.02329	-.02009	-.01962	-.01949	-.01956	1147.00301	1148.06046
1.496	-1.013	-.02078	-.02030	-.01876	-.01953	-.19052	-.19053	-.19055	-.19054	1146.08600	1148.89368
1.496	-2.024	-.01970	-.01905	-.01720	-.01813	-.36230	-.35978	-.35996	-.35987	1146.66701	1147.42192
1.496	-3.020	-.01773	-.01695	-.01539	-.01617	-.52100	-.51949	-.51973	-.51961	1144.86700	1144.98132
1.496	-4.039	-.01424	-.01355	-.01184	-.01270	-.68914	-.68898	-.68932	-.68915	1144.87700	1145.77466
	GRADIENT	-.00073	-.00081	-.00082	-.00081	.16980	.16950	.16961	.16956	-.40773	-.11390

RUN NO. 1289/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

RUN NO. 1289/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	DPACAL	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
1.520	4.024	-.02639	-.02595	-.02430	-.02512	.62807	.62736	.62766	.62751	1142.47000	1144.51384
1.520	3.023	-.02279	-.02220	-.02048	-.02134	.40375	.40407	.40445	.40426	1143.22501	1145.43416
1.520	1.988	-.02794	-.02643	-.02473	-.02558	.16903	.16802	.16823	.16812	1143.78700	1144.20680
1.520	.994	-.02425	-.02308	-.02154	-.02231	.06920	.06965	.06984	.06975	1141.43600	1142.28302
1.520	-.015	-.02424	-.02332	-.02180	-.02256	-.02602	-.02424	-.02421	-.02422	1141.26601	1141.83401
1.520	-1.006	-.02748	-.02590	-.02422	-.02506	-.12734	-.12561	-.12563	-.12562	1144.94099	1145.48251
1.520	-2.014	-.02270	-.02181	-.02034	-.02116	-.32097	-.32022	-.32010	-.32016	1142.57899	1144.14644
1.519	-3.016	-.02209	-.02181	-.02007	-.02094	-.53893	-.53757	-.53812	-.53785	1139.84100	1141.83931
1.520	-4.040	-.01762	-.01708	-.01543	-.01626	-.76472	-.76386	-.76424	-.76405	1139.08400	1141.78900
	GRADIENT	-.00059	-.00058	-.00058	-.00058	.15865	.15842	.15851	.15847	.37475	.30897



IA310 (AEDC 16TF-783) FLOW ANGULARITIES-FAIR OFF

( UCM020 ) ( 04 OCT 91 )

PARAMETRIC DATA

ALPHA = .000 PHI = -90.000

RUN NO. 1267/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	DPACAL	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
1.249	4.020	-.00616	-.00502	-.00464	-.00483	.48677	.48638	.48669	.48654	1176.63200	1182.11700
1.250	3.018	-.00919	-.00861	-.00740	-.00800	.36029	.36031	.35993	.36012	1179.25101	1182.74400
1.250	1.999	-.01214	-.01180	-.00998	-.01089	.23324	.23400	.23418	.23409	1179.93401	1182.56700
1.250	.993	-.01521	-.01476	-.01302	-.01389	.10734	.10784	.10840	.10812	1179.43900	1181.97000
1.250	-.015	-.01222	-.01189	-.01005	-.01097	-.01481	-.01284	-.01256	-.01270	1180.57800	1183.16701
1.249	-1.016	-.00764	-.00718	-.00701	-.00710	-.13891	-.13758	-.13744	-.13751	1180.56400	1181.93700
1.250	-2.017	-.00555	-.00500	-.00473	-.00486	-.26046	-.26077	-.26065	-.26071	1180.20500	1183.00301
1.250	-3.025	-.00522	-.00480	-.00458	-.00469	-.38354	-.38321	-.38324	-.38322	1178.32001	1182.17599
1.250	-4.044	-.00615	-.00537	-.00490	-.00513	-.51276	-.51262	-.51291	-.51277	1175.93600	1182.82600
	GRADIENT	-.00054	-.00051	-.00040	-.00046	.12351	.12348	.12351	.12349	.06481	-.03264

RUN NO. 1262/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	DPACAL	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
1.400	4.019	-.00373	-.00224	-.00210	-.00217	.56306	.56301	.56344	.56322	1159.03900	1164.29601
1.400	3.006	-.00638	-.00486	-.00451	-.00469	.41827	.41741	.41777	.41759	1161.19800	1164.09399
1.400	1.998	-.01142	-.01077	-.00893	-.00985	.27522	.27508	.27519	.27513	1161.89000	1164.64999
1.400	.997	-.01455	-.01384	-.01205	-.01295	.13045	.13120	.13149	.13134	1161.72200	1164.13901
1.400	-.020	-.01137	-.01047	-.00859	-.00953	-.01259	-.01081	-.01071	-.01076	1163.24400	1164.55901
1.400	-1.014	-.00712	-.00609	-.00599	-.00604	-.15436	-.15326	-.15326	-.15326	1163.01801	1164.08000
1.400	-2.020	-.00505	-.00412	-.00389	-.00401	-.29380	-.29355	-.29373	-.29364	1161.19099	1164.31200
1.400	-3.021	-.00710	-.00559	-.00532	-.00546	-.43458	-.43417	-.43420	-.43419	1160.18300	1163.80800
1.400	-4.041	-.00749	-.00574	-.00573	-.00573	-.58673	-.58617	-.58649	-.58633	1158.74899	1164.34801
	GRADIENT	-.00005	-.00008	-.00001	-.00003	.14214	.14202	.14210	.14206	.07101	-.02281

RUN NO. 1231/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	DPACAL	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
1.450	4.014	-.02323	-.02412	-.02214	-.02313	.59648	.59710	.59759	.59735	1148.71100	1158.32600
1.450	3.013	-.02439	-.02500	-.02301	-.02401	.45050	.44856	.44899	.44877	1151.18600	1158.46001
1.450	1.994	-.02550	-.02831	-.02618	-.02724	.29727	.29707	.29745	.29726	1154.82700	1158.10201
1.450	.999	-.02625	-.02859	-.02671	-.02765	.14213	.14145	.14166	.14156	1157.57401	1158.69000
1.451	-.025	-.02011	-.02270	-.02081	-.02176	-.01462	-.01295	-.01277	-.01286	1158.28200	1157.98500
1.450	-1.012	-.01488	-.01738	-.01547	-.01643	-.16902	-.16910	-.16980	-.16945	1159.95500	1158.64200
1.451	-2.015	-.01109	-.01397	-.01210	-.01303	-.31547	-.31706	-.31720	-.31713	1154.42799	1157.89600
1.450	-3.027	-.01312	-.01443	-.01248	-.01346	-.46963	-.46920	-.46951	-.46936	1154.19000	1158.66800
1.450	-4.057	-.01346	-.01469	-.01257	-.01363	-.63249	-.63326	-.63344	-.63335	1153.55099	1158.19600
	GRADIENT	-.00187	-.00181	-.00181	-.00181	.15245	.15246	.15258	.15252	-.49527	.00606

IA310 (AEDC 16TF-783) FLOW ANGULARITIES-FAIR OFF (UCM021) ( 04 OCT 91 )

PARAMETRIC DATA

BETA = .000 PHI = .000

RN/L = 2.51 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DPACAL	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
1.300	.012	.01359	.01164	.01315	.01240	-.01481	-.01440	-.01406	-.01423	1171.00101	1176.35699
1.300	-4.013	-.50001	-.50263	-.50112	-.50188	-.01249	-.01265	-.01194	-.01229	1163.99001	1175.92300
	GRADIENT	.12758	.12775	.12775	.12775	-.00058	-.00044	-.00053	-.00048	1.74160	.10780

RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DPACAL	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
1.350	.017	.01817	.01536	.01766	.01651	-.01211	-.01261	-.01207	-.01234	1165.92000	1170.13200
1.350	-4.028	-.52878	-.53041	-.52926	-.52983	-.00948	-.01019	-.00947	-.00983	1159.89400	1170.66000
	GRADIENT	.13523	.13494	.13522	.13508	-.00065	-.00060	-.00064	-.00062	1.48992	-.13055

RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DPACAL	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
1.470	.010	.01515	.01140	.01359	.01249	-.02018	-.02066	-.02046	-.02056	1145.61000	1148.68546
1.470	-4.025	-.62344	-.62691	-.62509	-.62600	-.01499	-.01545	-.01518	-.01532	1141.28101	1148.82018
	GRADIENT	.15827	.15820	.15829	.15825	-.00128	-.00129	-.00131	-.00130	1.07291	-.03340

RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DPACAL	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
1.519	.009	.01136	.01138	.01316	.01227	-.01330	-.01348	-.01327	-.01337	1139.52499	1139.77756
1.519	-4.019	-.65897	-.65884	-.65736	-.65810	-.03192	-.03102	-.03060	-.03081	1137.14500	1141.56380
	GRADIENT	.16642	.16639	.16646	.16643	.00462	.00435	.00430	.00433	.59085	-.44345

IA310 (AEDC 16TF-783) FLOW ANGULARITIES-FAIR OFF (UCM022) ( 04 OCT 91 )

PARAMETRIC DATA

BETA = .000 PHI = 180.000

RN/L = 2.51 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DPACAL	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
1.300	.015	-.01596	-.01728	-.01573	-.01651	.01698	.01627	.01667	.01647	1170.78799	1176.38901
1.300	4.027	.50788	.50553	.50681	.50617	.01632	.01587	.01614	.01601	1172.15900	1176.42999
	GRADIENT	.12960	.12934	.12928	.12931	-.00016	-.00010	-.00013	-.00011	.33919	.01014

IA310 (AEDC 16TF-783) FLOW ANGULARITIES-FAIR OFF

(UCM022) ( 04 OCT 91 )

PARAMETRIC DATA

BETA = .000 PHI = 180.000

RUN NO. 1176/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DPACAL	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
1.350	-.014	-.01516	-.01728	-.01645	-.01686	.01540	.01444	.01491	.01468	1166.61099	1170.66400
1.350	4.015	.53179	.53028	.53180	.53104	.01477	.01393	.01415	.01404	1167.90900	1170.17700
	GRADIENT	.13578	.13593	.13610	.13602	-.00016	-.00013	-.00019	-.00016	.32222	-.12090

RUN NO. 1234/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DPACAL	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
1.470	-.017	-.01453	-.01688	-.01487	-.01588	.02388	.02182	.02215	.02199	1147.26900	1149.93648
1.470	4.028	.62697	.62419	.62586	.62502	.02257	.02089	.02088	.02089	1150.31500	1150.06801
	GRADIENT	.15861	.15850	.15842	.15846	-.00032	-.00023	-.00031	-.00027	.75312	.03252

RUN NO. 1246/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DPACAL	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
1.519	-.016	-.03623	-.03507	-.03312	-.03410	.01098	.00912	.00947	.00929	1140.37700	1140.71545
1.519	4.022	.62895	.62812	.62979	.62895	.02765	.02812	.02797	.02804	1140.33299	1141.12039
	GRADIENT	.16471	.16422	.16415	.16419	.00413	.00470	.00458	.00464	-.01089	.10027

IA310 (AEDC 16TF-783) FLOW ANGULARITIES-FAIR OFF

(UCM023) ( 04 OCT 91 )

PARAMETRIC DATA

BETA = .000 PHI = 180.000

RUN NO. 1249/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DPACAL	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
1.519	-.016	-.03673	-.03566	-.03381	-.03473	.01096	.00923	.00958	.00940	1139.98500	1140.57405
1.520	4.022	.62970	.62893	.63066	.62980	.02644	.02644	.02648	.02646	1140.66299	1141.04407
	GRADIENT	.16502	.16457	.16454	.16455	.00383	.00426	.00419	.00422	.16788	.11639

IA310 (AEDC 16TF-783) FLOW ANGULARITIES-FAIR OFF (UCMO24) ( 04 OCT 91 )

## PARAMETRIC DATA

ALPHA = .000 PHI = 90.000

MACH	BETA	RUN NO.	1173/ O	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
1.300	1.999			.01242	.01384	.01313	.27049	.26920	.26979	.26950	1171.66100	1176.20799
1.299	-2.029			.02003	.02144	.02074	-.24134	-.24207	-.24182	-.24194	1174.80701	1179.02901
	GRADIENT			-.00189	-.00189	-.00189	.12709	.12695	.12703	.12699	-.78116	-.70046

MACH	BETA	RUN NO.	1177/ O	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
1.350	1.994			.01063	.01212	.01137	.28684	.28555	.28629	.28592	1168.25999	1170.71100
1.350	-2.023			.01813	.01953	.01883	-.25492	-.25437	-.25440	-.25439	1167.15100	1170.37500
	GRADIENT			-.00185	-.00185	-.00186	.13487	.13442	.13461	.13451	-.27609	.08365

MACH	BETA	RUN NO.	1235/ O	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
1.470	1.995			.01646	.01840	.01743	.33399	.33450	.33488	.33469	1149.17500	1151.61566
1.470	-2.016			.02353	.02562	.02457	-.30048	-.30008	-.30012	-.30010	1145.13901	1151.86835
	GRADIENT			-.00176	-.00180	-.00178	.15816	.15819	.15829	.15824	1.00609	-.06299

MACH	BETA	RUN NO.	1247/ O	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
1.519	1.995			.00807	.00983	.00895	.30479	.30464	.30496	.30480	1139.94200	1142.04900
1.519	-2.016			-.01042	-.00855	-.00949	-.19275	-.19226	-.19215	-.19221	1140.34801	1140.87892
	GRADIENT			.00461	.00458	.00460	.12403	.12387	.12392	.12390	-.10121	.29168

IA310 (AEDC 16TF-783) FLOW ANGULARITIES-FAIR OFF

(UCMO25) ( 04 OCT 91 )

## PARAMETRIC DATA

ALPHA = .000 PHI = -90.000

MACH	BETA	RUN NO.	1174/ O	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
1.300	-2.007			-.00806	-.00668	-.00737	-.26448	-.26531	-.26510	-.26521	1170.95300	1175.98300
1.300	2.022			-.01789	-.01633	-.01711	.24502	.24351	.24408	.24380	1171.69901	1176.21400
	GRADIENT			-.00244	-.00239	-.00242	.12645	.12628	.12637	.12633	.18515	.05733

IA310 (AEDC 16TF-783) FLOW ANGULARITIES-FAIR OFF

(UCM025) ( 04 OCT 91 )

PARAMETRIC DATA

ALPHA = .000 PHI = -90.000

RUN NO. 1178/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	DPACAL	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
1.350	-2.013	-.00400	-.00586	-.00480	-.00533	-.28201	-.28185	-.28135	-.28160	1168.09200	1170.67000
1.350	2.022	-.01259	-.01479	-.01350	-.01414	.25895	.25713	.25789	.25751	1167.35800	1170.41600
	GRADIENT	-.00213	-.00221	-.00216	-.00218	.13409	.13360	.13366	.13363	-.18193	-.06296

RUN NO. 1236/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	DPACAL	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
1.471	-2.009	-.01275	-.01607	-.01385	-.01496	-.33129	-.33074	-.33068	-.33071	1148.27901	1150.66812
1.471	2.025	-.01911	-.02222	-.02009	-.02115	.30208	.30257	.30283	.30270	1141.91200	1149.05885
	GRADIENT	-.00158	-.00152	-.00155	-.00154	.15699	.15698	.15703	.15701	-1.57821	-.39889

RUN NO. 1248/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	DPACAL	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
1.519	-2.009	-.02485	-.02437	-.02261	-.02349	-.32983	-.33016	-.33007	-.33012	1139.96300	1141.91350
1.519	2.031	-.02934	-.02787	-.02601	-.02694	.17328	.17368	.17405	.17386	1141.36700	1142.18593
	GRADIENT	-.00111	-.00087	-.00084	-.00085	.12453	.12471	.12477	.12474	-.34751	-.06743



IA310 (AEDC 16TF-783) PORT MISORIENT-FAIRING OFF (UCM026) ( 04 OCT 91 )

PARAMETRIC DATA

ALPHA = .000 BETA = .000

RUN NO. 1293/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	PHI	DPACAL	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
.599	-1.983	-.00385	-.00635	-.00603	-.00619	-.01524	-.01447	-.01426	-.01437	1596.40500	1596.75000
.599	-1.746	-.00208	-.00478	-.00445	-.00461	-.01519	-.01461	-.01432	-.01447	1596.38100	1596.56000
.600	-1.508	-.00329	-.00594	-.00547	-.00571	-.01557	-.01514	-.01499	-.01506	1596.21600	1597.41000
.599	-1.271	-.00185	-.00458	-.00434	-.00446	-.01597	-.01560	-.01549	-.01554	1596.34000	1596.67000
.600	-.993	-.00218	-.00480	-.00451	-.00466	-.01567	-.01518	-.01490	-.01504	1596.46300	1597.42000
.600	-.716	-.00248	-.00522	-.00479	-.00500	-.01620	-.01540	-.01512	-.01526	1596.37500	1597.21001
.600	-.479	-.00190	-.00460	-.00436	-.00448	-.01571	-.01461	-.01439	-.01450	1596.19600	1597.03999
.600	-.241	-.00278	-.00561	-.00509	-.00535	-.01606	-.01520	-.01490	-.01505	1596.22301	1597.08000
.599	-.003	-.00177	-.00456	-.00440	-.00448	-.01631	-.01529	-.01506	-.01517	1596.41000	1597.39999
.600	.234	-.00166	-.00434	-.00398	-.00416	-.01606	-.01494	-.01467	-.01480	1596.38300	1597.24001
.599	.472	-.00147	-.00414	-.00391	-.00403	-.01606	-.01514	-.01480	-.01497	1596.32800	1596.28999
.600	.749	-.00221	-.00487	-.00453	-.00470	-.01620	-.01516	-.01484	-.01500	1596.36501	1596.89000
.599	.987	-.00224	-.00511	-.00481	-.00496	-.01598	-.01525	-.01488	-.01561	1596.45100	1596.89999
.600	1.224	-.00219	-.00528	-.00496	-.00512	-.01651	-.01562	-.01559	-.01524	1596.34301	1597.31000
.600	1.501	-.00229	-.00504	-.00473	-.00488	-.01635	-.01540	-.01508	-.01548	1596.49001	1596.77000
.599	1.739	-.00159	-.00438	-.00413	-.00426	-.01669	-.01562	-.01534	-.01444	1596.46300	1596.59000
.599	1.977	-.00095	-.00360	-.00346	-.00353	-.01549	-.01452	-.01437	-.00009	.03717	-.03079
	GRADIENT	-.00033	-.00028	-.00025	-.00027	-.00022	-.00009	-.00008	-.00009	.00224	-.00395

RUN NO. 1298/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	PHI	DPACAL	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
.900	-2.023	-.00451	-.00513	-.00481	-.00497	-.01654	-.01494	-.01475	-.01485	1272.20500	1272.89999
.900	-1.746	-.00437	-.00511	-.00473	-.00492	-.01669	-.01507	-.01478	-.01492	1272.20399	1272.92999
.900	-1.508	-.00424	-.00522	-.00466	-.00494	-.01627	-.01487	-.01460	-.01474	1272.26401	1273.16000
.900	-1.271	-.00438	-.00504	-.00466	-.00485	-.01651	-.01481	-.01456	-.01468	1272.29601	1273.07001
.900	-.993	-.00428	-.00504	-.00460	-.00482	-.01661	-.01481	-.01465	-.01473	1272.15500	1272.92999
.900	-.756	-.00430	-.00476	-.00445	-.00460	-.01668	-.01498	-.01475	-.01487	1272.29201	1272.92000
.900	-.518	-.00414	-.00502	-.00455	-.00479	-.01685	-.01525	-.01501	-.01513	1272.18100	1273.14999
.900	-.241	-.00426	-.00484	-.00438	-.00461	-.01642	-.01498	-.01482	-.01490	1272.25400	1272.89999
.900	.003	-.00426	-.00480	-.00443	-.00461	-.01688	-.01549	-.01538	-.01543	1272.15601	1272.98000
.900	.234	-.00396	-.00456	-.00406	-.00431	-.01681	-.01498	-.01478	-.01488	1272.25999	1273.08000
.900	.472	-.00391	-.00419	-.00435	-.00435	-.01642	-.01476	-.01447	-.01462	1272.25200	1272.89999
.900	.709	-.00379	-.00447	-.00396	-.00421	-.01735	-.01527	-.01497	-.01512	1272.25600	1273.02000
.900	.987	-.00401	-.00445	-.00413	-.00429	-.01688	-.01534	-.01503	-.01518	1272.19501	1272.87000
.900	1.224	-.00364	-.00423	-.00381	-.00402	-.01710	-.01531	-.01506	-.01518	1272.24500	1273.03999
.900	1.462	-.00384	-.00449	-.00400	-.00425	-.01686	-.01518	-.01495	-.01506	1272.17101	1272.99001
.900	1.739	-.00362	-.00430	-.00393	-.00412	-.01734	-.01538	-.01518	-.01528	1272.28799	1273.00000
.900	1.977	-.00356	-.00410	-.00385	-.00397	-.01676	-.01511	-.01478	-.01495	1272.23700	1273.07001
	GRADIENT	-.00022	-.00026	-.00025	-.00026	-.00015	-.00010	-.00009	-.00009	.00224	-.00395

IA310 (AEDC 16TF-783) PORT MISORIENT-FAIRING OFF (UCMO26) ( 04 OCT 91 )

PARAMETRIC DATA

ALPHA = .000 BETA = .000

MACH	PHI	DPACAL	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
1.250	-1.983	-0.00250	-0.00407	-0.00346	-0.00376	-0.01426	-0.01242	-0.01234	-0.01238	1180.93201	1182.57100
1.250	-1.746	-0.00138	-0.00332	-0.00259	-0.00295	-0.01450	-0.01255	-0.01260	-0.01258	1180.87700	1182.75800
1.249	-1.508	-0.00090	-0.00275	-0.00227	-0.00251	-0.01429	-0.01260	-0.01264	-0.01262	1180.68800	1182.25600
1.250	-1.231	-0.00076	-0.00277	-0.00205	-0.00241	-0.01436	-0.01260	-0.01260	-0.01260	1180.91701	1182.49500
1.250	-0.993	-0.00055	-0.00242	-0.00171	-0.00207	-0.01448	-0.01253	-0.01251	-0.01252	1180.77499	1182.46800
1.249	-0.756	-0.00046	-0.00255	-0.00180	-0.00217	-0.01459	-0.01275	-0.01256	-0.01265	1180.82500	1182.23199
1.250	-0.518	-0.00074	-0.00235	-0.00173	-0.00204	-0.01451	-0.01253	-0.01258	-0.01255	1180.69701	1182.41200
1.250	-0.241	-0.00022	-0.00178	-0.00107	-0.00143	-0.01453	-0.01249	-0.01247	-0.01248	1180.97900	1182.89799
1.250	-0.003	-0.00012	-0.00170	-0.00099	-0.00134	-0.01457	-0.01271	-0.01266	-0.01269	1180.88400	1182.43900
1.250	.234	-0.00019	-0.00178	-0.00105	-0.00142	-0.01457	-0.01277	-0.01275	-0.01276	1180.82300	1182.51300
1.250	.472	-0.00035	-0.00178	-0.00105	-0.00142	-0.01407	-0.01235	-0.01243	-0.01239	1180.88699	1182.49899
1.250	.709	-0.00042	-0.00139	-0.00077	-0.00108	-0.01439	-0.01251	-0.01247	-0.01249	1180.83600	1182.48700
1.250	.987	-0.00074	-0.00145	-0.00064	-0.00105	-0.01431	-0.01235	-0.01243	-0.01239	1180.92000	1182.57001
1.250	1.224	-0.00080	-0.00141	-0.00064	-0.00103	-0.01442	-0.01242	-0.01247	-0.01244	1181.04700	1182.68100
1.250	1.501	-0.00077	-0.00134	-0.00043	-0.00089	-0.01442	-0.01264	-0.01251	-0.01258	1180.97600	1182.57100
1.250	1.739	-0.00036	-0.00152	-0.00066	-0.00109	-0.01460	-0.01253	-0.01258	-0.01255	1180.76801	1182.43900
1.250	1.977	-0.00070	-0.00148	-0.00054	-0.00101	-0.01447	-0.01264	-0.01271	-0.01267	1180.95599	1182.59100
	GRADIENT	.00065	.00056	.00063	.00060	.00001	.00000	.00001	.00000	.02644	.01732

RUN NO. 1304/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

RUN NO. 1310/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	PHI	DPACAL	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
1.400	-2.023	-0.00404	-0.00262	-0.00229	-0.00245	-0.01466	-0.01321	-0.01325	-0.01323	1164.71600	1165.21300
1.400	-1.746	-0.00285	-0.00132	-0.00096	-0.00114	-0.01443	-0.01328	-0.01327	-0.01327	1164.42000	1164.99001
1.400	-1.508	-0.00295	-0.00143	-0.00118	-0.00130	-0.01443	-0.01317	-0.01294	-0.01306	1164.80600	1165.47000
1.400	-1.231	-0.00285	-0.00130	-0.00099	-0.00114	-0.01438	-0.01328	-0.01322	-0.01325	1164.63499	1165.17400
1.400	-0.993	-0.00282	-0.00128	-0.00094	-0.00111	-0.01444	-0.01315	-0.01301	-0.01308	1164.66100	1165.13600
1.400	-0.756	-0.00283	-0.00101	-0.00096	-0.00099	-0.01431	-0.01308	-0.01288	-0.01298	1164.70500	1165.02600
1.400	-0.518	-0.00246	-0.00106	-0.00084	-0.00095	-0.01449	-0.01302	-0.01297	-0.01299	1164.70100	1165.16100
1.400	-0.241	-0.00254	-0.00110	-0.00084	-0.00097	-0.01448	-0.01328	-0.01316	-0.01322	1164.66400	1164.97501
1.400	-0.003	-0.00235	-0.00084	-0.00069	-0.00076	-0.01427	-0.01317	-0.01297	-0.01307	1164.71800	1165.14700
1.400	.234	-0.00229	-0.00077	-0.00049	-0.00063	-0.01437	-0.01319	-0.01314	-0.01316	1164.60400	1165.23599
1.399	.472	-0.00235	-0.00097	-0.00060	-0.00079	-0.01413	-0.01304	-0.01271	-0.01287	1164.85800	1165.22301
1.400	.709	-0.00219	-0.00071	-0.00037	-0.00054	-0.01403	-0.01291	-0.01275	-0.01283	1164.72000	1165.21300
1.400	.987	-0.00209	-0.00064	-0.00043	-0.00054	-0.01410	-0.01337	-0.01309	-0.01323	1164.62000	1165.21100
1.400	1.224	-0.00233	-0.00064	-0.00054	-0.00059	-0.01419	-0.01282	-0.01260	-0.01271	1164.70300	1165.28300
1.400	1.462	-0.00226	-0.00088	-0.00060	-0.00074	-0.01417	-0.01293	-0.01286	-0.01289	1164.55901	1165.14400
1.400	1.739	-0.00186	-0.00044	-0.00026	-0.00035	-0.01438	-0.01315	-0.01281	-0.01298	1164.79100	1165.25900
1.399	1.977	-0.00225	-0.00077	-0.00041	-0.00059	-0.01441	-0.01315	-0.01303	-0.01309	1164.54500	1165.15700
	GRADIENT	.00033	.00031	.00030	.00031	.00008	.00005	.00009	.00007	.00199	.01219

IA310 (AEDC 16TF-783) PORT MISORIENT-FAIRING OFF

(UCMO26) ( 04 OCT 91 )

PARAMETRIC DATA

ALPHA = .000 BETA = .000

RUN NO. 1315/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	PHI	DPACAL	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
1.545	-2.023	-.00399	-.00174	-.00154	-.00164	-.01972	-.01818	-.01818	-.01818	1126.59300	1138.37335
1.545	-1.746	-.00376	-.00145	-.00135	-.00140	-.02004	-.01834	-.01843	-.01839	1126.71001	1138.77806
1.545	-1.469	-.00310	-.00091	-.00077	-.00084	-.01942	-.01803	-.01802	-.01803	1126.85100	1138.33476
1.545	-1.271	-.00302	-.00064	-.00039	-.00051	-.02069	-.01911	-.01902	-.01906	1126.52800	1137.78508
1.544	-.993	-.00262	-.00025	-.00002	-.00011	-.01994	-.01858	-.01854	-.01856	1126.29900	1137.73575
1.544	-.716	-.00231	-.00013	-.00028	-.00020	-.01985	-.01843	-.01835	-.01839	1126.20799	1137.68033
1.544	-.479	-.00294	-.00069	-.00041	-.00055	-.02055	-.01882	-.01895	-.01889	1126.57401	1138.07910
1.544	-.241	-.00209	-.00026	-.00051	-.00038	-.02050	-.01907	-.01891	-.01899	1126.56100	1137.99348
1.544	-.003	-.00213	-.00043	-.00072	-.00058	-.02062	-.01907	-.01897	-.01902	1126.39900	1137.47650
1.544	.234	-.00188	-.00052	-.00064	-.00058	-.02111	-.01929	-.01932	-.01930	1126.05000	1137.57005
1.544	.511	-.00190	-.00041	-.00062	-.00051	-.02121	-.01973	-.01949	-.01961	1125.96899	1137.38875
1.544	.749	-.00140	-.00050	-.00089	-.00070	-.02109	-.01953	-.01942	-.01948	1126.23801	1137.78914
1.544	.987	-.00145	-.00087	-.00128	-.00108	-.01997	-.01878	-.01865	-.01871	1126.36800	1137.90334
1.544	1.264	-.00129	-.00109	-.00143	-.00126	-.02040	-.01905	-.01884	-.01894	1126.35400	1137.73981
1.544	1.462	-.00047	-.00136	-.00194	-.00165	-.01950	-.01818	-.01794	-.01806	1126.03900	1137.54015
1.544	1.739	-.00051	-.00140	-.00196	-.00168	-.01993	-.01854	-.01833	-.01843	1125.83701	1137.34520
1.544	1.977	-.00048	-.00140	-.00211	-.00176	-.02100	-.01902	-.01899	-.01901	1125.97099	1137.50249
	GRADIENT	-.00084	-.00074	-.00086	-.00080	-.00014	-.00015	-.00009	-.00012	-.17888	-.22479

IA310 (AEDC 16TF-783) PORT MISORIENT-FAIRING OFF

(UCMO27) ( 04 OCT 91 )

PARAMETRIC DATA

ALPHA = -8.000 BETA = .000

RUN NO. 1294/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	PHI	DPACAL	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
.599	-2.006	-73599	-73851	-73661	-73756	.00331	.00408	.00458	.00433	1562.94701	1597.00000
.599	-1.731	-73475	-73716	-73521	-73618	.00064	.00147	.00189	.00168	1562.91600	1596.98000
.600	-1.496	-73419	-73677	-73471	-73574	.00336	.00237	.00181	.00209	1562.94299	1597.35001
.599	-1.222	-73421	-73677	-73482	-73579	.00653	.00573	.00534	.00554	1562.95500	1596.89999
.599	-.986	-73461	-73690	-73491	-73590	.00974	.00886	.00842	.00864	1562.96899	1596.88000
.599	-.751	-73490	-73736	-73533	-73634	.01345	.01271	.01208	.01240	1562.98100	1597.10001
.599	-.477	-73482	-73731	-73529	-73630	.01544	.01458	.01402	.01430	1563.00800	1597.22000
.599	-.241	-73589	-73840	-73649	-73745	.01924	.01867	.01818	.01842	1563.10100	1596.66000
.600	-.006	-73692	-73948	-73758	-73853	.02180	.02132	.02076	.02104	1563.04700	1597.25000
.600	.229	-73692	-73937	-73743	-73840	.02626	.02570	.02511	.02540	1562.99600	1596.49001
.599	.504	-73764	-74046	-73841	-73943	.02794	.02751	.02709	.02730	1562.97900	1597.02000
.600	.739	-73699	-73956	-73762	-73859	.03155	.03106	.03056	.03081	1563.14301	1596.94000
.599	.974	-73744	-74002	-73820	-73911	.03510	.03477	.03437	.03457	1563.28999	1596.97000
.599	1.210	-73722	-74002	-73796	-73899	.03858	.03818	.03767	.03792	1563.16200	1597.12000
.599	1.445	-73829	-74090	-73881	-73986	.04047	.04030	.03973	.04001	1563.05400	1596.73000
.599	1.719	-73870	-74127	-73939	-74033	.04590	.04544	.04499	.04521	1563.21500	1596.75000
.599	1.955	-73740	-73996	-73802	-73899	.04898	.04842	.04789	.04816	1563.10699	1597.13000
GRADIENT		-.00102	-.00107	-.00107	-.00107	-.01309	-.01324	-.01324	-.01324	.06656	-.03859

RUN NO. 1300/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	PHI	DPACAL	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
.900	-1.967	-90976	-92199	-90720	-91460	.00889	.00887	.00966	.00927	1235.59399	1273.06000
.900	-1.732	-91059	-92306	-90838	-91572	.00483	.00490	.00633	.00561	1235.40199	1273.16000
.900	-1.496	-91121	-92372	-90900	-91636	.00052	.00258	.00299	.00278	1235.30099	1273.05000
.900	-1.261	-91195	-92446	-90973	-91709	.00257	.00062	.00041	.00052	1235.23300	1272.98000
.900	-.987	-91273	-92540	-91054	-91797	.00805	.00577	.00562	.00570	1235.27499	1273.00000
.900	-.751	-91315	-92575	-91116	-91846	.01190	.01014	.00982	.00998	1235.17700	1272.95000
.900	-.516	-91288	-92538	-91062	-91800	.01587	.01416	.01378	.01397	1235.26801	1272.89999
.900	-.241	-91307	-92538	-91086	-91823	.01962	.01781	.01749	.01765	1235.24699	1273.07001
.900	-.006	-91344	-92586	-91114	-91850	.02371	.02231	.02188	.02210	1235.22600	1272.81000
.900	.229	-91324	-92600	-91120	-91860	.02764	.02583	.02547	.02565	1235.32600	1273.14999
.900	.504	-91312	-92580	-91094	-91837	.03099	.02958	.02931	.02944	1235.39900	1272.94000
.900	.739	-91318	-92569	-91097	-91833	.03513	.03387	.03359	.03373	1235.28799	1272.92999
.900	.974	-91332	-92595	-91122	-91859	.04002	.03868	.03816	.03842	1235.38100	1272.91000
.900	1.210	-91281	-92547	-91067	-91807	.04268	.04146	.04111	.04128	1235.40800	1273.00999
.900	1.445	-91274	-92554	-91071	-91812	.04669	.04522	.04481	.04501	1235.45799	1272.95000
.900	1.719	-91255	-92538	-91058	-91798	.05209	.05052	.05032	.05042	1235.44099	1272.92000
.900	1.955	-91293	-92558	-91073	-91816	.05324	.05187	.05146	.05166	1235.51100	1273.03000
GRADIENT		-.00056	-.00064	-.00062	-.00063	-.01609	-.01601	-.01611	-.01606	.02527	-.02624

IA310 (AEDC 16TF-783) PORT MISORIENT-FAIRING OFF (UCM027) ( 04 OCT 91 )

PARAMETRIC DATA

ALPHA = -8.000 BETA = .000

RUN NO. 1305/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	PHI	DPACAL	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
1.250	-2.006	-1.00071	-1.00467	-1.00111	-1.00289	.01361	.01367	.01412	.01389	1145.17300	1182.70700
1.250	-1.731	-1.00197	-1.00594	-1.00230	-1.00394	.00803	.00821	.00874	.00847	1144.95799	1182.76100
1.250	-1.496	-1.00273	-1.00616	-1.00277	-1.00446	.00381	.00488	.00579	.00533	1144.74300	1182.49200
1.250	-1.221	-1.00260	-1.00600	-1.00269	-1.00434	.00116	.00293	.00318	.00306	1144.78300	1182.48900
1.250	-.986	-1.00205	-1.00583	-1.00239	-1.00411	-.00595	-.00411	-.00373	-.00392	1144.74600	1182.21899
1.250	-.751	-1.00256	-1.00618	-1.00284	-1.00451	-.01036	-.00844	-.00812	-.00828	1144.80000	1182.62801
1.250	-.516	-1.00288	-1.00646	-1.00288	-1.00467	-.01477	-.01306	-.01262	-.01284	1144.97400	1182.68600
1.250	-.241	-1.00242	-1.00592	-1.00256	-1.00424	-.01914	-.01763	-.01714	-.01739	1144.85600	1182.57001
1.250	-.006	-1.00302	-1.00657	-1.00307	-1.00482	-.02375	-.02216	-.02186	-.02201	1144.89000	1182.41000
1.250	.229	-1.00283	-1.00640	-1.00307	-1.00473	-.02825	-.02642	-.02603	-.02623	1145.06400	1182.55800
1.250	.465	-1.00265	-1.00611	-1.00273	-1.00442	-.03112	-.02951	-.02924	-.02938	1144.87199	1182.45399
1.250	.739	-1.00295	-1.00664	-1.00344	-1.00504	-.03639	-.03541	-.03501	-.03521	1145.05701	1182.82201
1.250	.975	-1.00296	-1.00655	-1.00335	-1.00495	-.04134	-.04032	-.03979	-.04005	1144.94200	1182.56000
1.250	1.210	-1.00299	-1.00653	-1.00320	-1.00487	-.04491	-.04363	-.04339	-.04351	1145.01900	1182.69400
1.250	1.485	-1.00261	-1.00629	-1.00277	-1.00485	-.04805	-.04710	-.04685	-.04698	1144.91499	1182.33299
1.250	1.720	-1.00319	-1.00699	-1.00367	-1.00533	-.05465	-.05346	-.05303	-.05325	1145.12601	1182.76500
1.250	1.955	-1.00337	-1.00696	-1.00386	-1.00541	-.05700	-.05597	-.05549	-.05573	1145.04601	1182.70700
GRADIENT		-.00036	-.00035	-.00040	-.00038	-.01795	-.01789	-.01793	-.01791	.03861	.01518

RUN NO. 1311/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	PHI	DPACAL	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
1.399	-2.007	-1.14888	-1.15089	-1.14785	-1.14937	.01996	.02012	.02073	.02042	1127.73900	1165.27100
1.400	-1.732	-1.15060	-1.15264	-1.14952	-1.15108	.01152	.01144	.01208	.01176	1127.64799	1165.63100
1.400	-1.497	-1.15120	-1.15345	-1.15042	-1.15193	.00603	.00647	.00717	.00682	1127.33600	1165.00400
1.400	-1.261	-1.15168	-1.15371	-1.15052	-1.15212	.00308	.00474	.00544	.00509	1127.44701	1165.34399
1.400	-.987	-1.15173	-1.15375	-1.15065	-1.15220	-.00468	-.00299	-.00244	-.00271	1127.28900	1165.30800
1.399	-.752	-1.15174	-1.15391	-1.15078	-1.15234	-.00878	-.00716	-.00661	-.00689	1127.45700	1164.93201
1.400	-.516	-1.15179	-1.15395	-1.15087	-1.15241	-.01144	-.00975	-.00907	-.00941	1127.38901	1165.39200
1.400	-.242	-1.15170	-1.15382	-1.15069	-1.15226	-.01988	-.01840	-.01787	-.01814	1127.38901	1165.17599
1.400	-.007	-1.15196	-1.15415	-1.15089	-1.15252	-.02522	-.02353	-.02298	-.02325	1127.38901	1165.21700
1.400	.229	-1.15245	-1.15459	-1.15148	-1.15303	-.03021	-.02883	-.02827	-.02855	1127.71201	1165.33501
1.400	.464	-1.15189	-1.15406	-1.15082	-1.15244	-.03525	-.03349	-.03295	-.03322	1127.45700	1165.22900
1.400	.738	-1.15196	-1.15406	-1.15127	-1.15290	-.04054	-.03934	-.03872	-.03903	1127.52400	1165.10699
1.400	.974	-1.15213	-1.15443	-1.15125	-1.15284	-.04553	-.04407	-.04358	-.04383	1127.49001	1165.09801
1.400	1.209	-1.15249	-1.15465	-1.15148	-1.15307	-.04822	-.04670	-.04623	-.04646	1127.82600	1165.41701
1.400	1.484	-1.15200	-1.15426	-1.15114	-1.15270	-.05494	-.05326	-.05284	-.05305	1127.52400	1165.08701
1.400	1.719	-1.15254	-1.15474	-1.15159	-1.15316	-.06189	-.06002	-.05938	-.05970	1127.73599	1165.34399
1.400	1.994	-1.15225	-1.15430	-1.15131	-1.15281	-.06524	-.06329	-.06274	-.06301	1127.55800	1165.21899
GRADIENT		-.00052	-.00056	-.00055	-.00056	-.02111	-.02078	-.02082	-.02080	.03565	-.02040

IA310 (AEDC 16TF-783) PORT MISORIENT-FAIRING OFF

(UCM027) ( 04 OCT 91 )

PARAMETRIC DATA

ALPHA = -8.000 BETA = .000

RUN NO. 1316/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	PHI	DPACAL	DPA1	DP2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
1.543	-1.967	-1.46468	-1.46435	-1.46165	-1.46300	.01427	.01267	.01356	.01312	1120.31400	1138.00238
1.544	-1.732	-1.46527	-1.46488	-1.46212	-1.46350	.00781	.00655	.00719	.00687	1120.28400	1138.44499
1.543	-1.497	-1.45975	-1.46012	-1.45741	-1.45877	-.00054	-.00020	.00036	.00008	1117.56200	1138.51636
1.544	-1.222	-1.45959	-1.45907	-1.45628	-1.45767	-.00340	-.00303	-.00244	-.00273	1117.47501	1137.35884
1.544	-.987	-1.46353	-1.46294	-1.46019	-1.46156	-.01246	-.01218	-.01144	-.01181	1117.49899	1137.10646
1.543	-.751	-1.46538	-1.46497	-1.46242	-1.46369	-.01775	-.01726	-.01665	-.01695	1117.38901	1137.76418
1.544	-.477	-1.46452	-1.46411	-1.46133	-1.46272	-.02380	-.02337	-.02278	-.02308	1117.39799	1137.89595
1.543	-.242	-1.45993	-1.45962	-1.45705	-1.45833	-.03268	-.03230	-.03165	-.03198	1117.38901	1138.36505
1.545	-.006	-1.46659	-1.46636	-1.46366	-1.46501	-.03840	-.03808	-.03742	-.03775	1117.36501	1137.80768
1.544	.229	-1.46118	-1.46093	-1.45825	-1.45959	-.04516	-.04480	-.04423	-.04451	1116.51500	1137.89767
1.544	.464	-1.46010	-1.45966	-1.45690	-1.45828	-.05151	-.05123	-.05069	-.05096	1116.29300	1137.86702
1.544	.739	-1.46182	-1.46173	-1.45904	-1.46039	-.05741	-.05770	-.05699	-.05735	1116.36000	1137.53113
1.544	.974	-1.45725	-1.45680	-1.45418	-1.45549	-.06402	-.06371	-.06300	-.06335	1116.25999	1137.87042
1.543	1.209	-1.45826	-1.45781	-1.45517	-1.45649	-.07154	-.07128	-.07064	-.07096	1116.24001	1137.86157
1.544	1.445	-1.45674	-1.45610	-1.45335	-1.45473	-.07651	-.07660	-.07603	-.07632	1116.25000	1137.29039
1.543	1.719	-1.45841	-1.45789	-1.45521	-1.45655	-.08497	-.08482	-.08391	-.08436	1116.25000	1137.35574
1.544	1.994	-1.45663	-1.45619	-1.45350	-1.45484	-.08934	-.08988	-.08920	-.08954	1116.15199	1137.21889
	GRADIENT	.00180	.00186	.00185	.00185	-.02659	-.02646	-.02646	-.02646	-.86303	-.16957













IA310 (AEDC 16TF-783) PORT MISORIENT-FAIRING OFF

(UCM029) ( 04 OCT 91 )

PARAMETRIC DATA

ALPHA = .000 BETA = 4.000

RUN NO. 1318/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	PHI	DPACAL	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
1.543	88.025	.02209	.02159	.02372	.02265	.58537	.58291	.58324	.58308	1115.46300	1136.83591
1.543	88.263	.01343	.01312	.01519	.01415	.58970	.58731	.58786	.58758	1115.40000	1136.88455
1.544	88.502	.01172	.01149	.01348	.01249	.59103	.58859	.58900	.58880	1115.38300	1136.62184
1.543	88.740	.01016	.00983	.01196	.01090	.59029	.58791	.58829	.58810	1115.42599	1136.79189
1.543	89.018	.00628	.00596	.00797	.00697	.59068	.58808	.58854	.58831	1115.37900	1137.09685
1.544	89.256	.00346	.00322	.00513	.00417	.59120	.58868	.58900	.58884	1115.32201	1137.05026
1.543	89.494	.00112	.00168	.00299	.02145	.59145	.58906	.58947	.58926	1115.33200	1137.13931
1.543	89.772	.00282	.00126	.00092	.00109	.59041	.58793	.58839	.58816	1115.25400	1137.14450
1.544	90.010	.00375	.00249	.00203	.00226	.59124	.58877	.58917	.58897	1115.27400	1136.54446
1.543	90.288	.00567	.00437	.00393	.00415	.59037	.58775	.58822	.58799	1115.24100	1136.88313
1.543	90.526	.00825	.00685	.00626	.00656	.59049	.58806	.58848	.58827	1115.22701	1136.58105
1.544	90.764	.01310	.01170	.00960	.01065	.59003	.58760	.58798	.58779	1115.20399	1136.98128
1.543	91.042	.01477	.01330	.01126	.01228	.59034	.58778	.58816	.58797	1115.14999	1137.18509
1.543	91.280	.01496	.01385	.01184	.01285	.58975	.58718	.58758	.58738	1115.16000	1136.77542
1.543	91.519	.02120	.01980	.01789	.01884	.58921	.58654	.58697	.58675	1115.10300	1136.86838
1.543	91.757	.02061	.01945	.01731	.01838	.58965	.58709	.58755	.58732	1115.07899	1136.84315
1.543	92.035	.02331	.02208	.02005	.02106	.59005	.58725	.58788	.58756	1115.11301	1137.02950
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA310 (AEDC 16TF-783) FAIRING-OFF DATABASE

(UCM030) ( 04 OCT 91 )

PARAMETRIC DATA

BETA = -4.000 PHI = 180.000

RUN NO. 1351/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DPACAL	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
598	-8.099	.75924	.76232	.75943	.76087	.36642	.36446	.36440	.36443	1558.29601	1596.42000
600	-7.097	.66399	.66722	.66437	.66579	.36262	.36015	.36034	.36024	1566.04900	1596.62000
599	-6.117	.57428	.57708	.57422	.57565	.36000	.35940	.35948	.35944	1572.62601	1596.67000
600	5.142	.48297	.48406	.48145	.48276	.35815	.35750	.35732	.35741	1578.13800	1596.78999
600	-4.164	.38948	.39119	.38856	.38987	.35401	.35435	.35336	.35385	1582.80099	1596.88000
601	-3.198	.29865	.30047	.29821	.29934	.35307	.35331	.35252	.35292	1586.37100	1597.17999
600	-2.235	.20722	.20861	.20657	.20759	.35556	.35585	.35502	.35543	1589.27699	1597.28999
600	-1.264	.11239	.11353	.11147	.11250	.36039	.35863	.35879	.35871	1591.27200	1596.84000
601	-.275	.01888	.01923	.01744	.01833	.36691	.36497	.36518	.36520	1592.41800	1597.38000
600	.716	.07311	.07256	.07404	.07330	.36965	.36806	.36834	.36820	1592.86200	1597.45000
600	1.739	.16923	.16877	.17060	.16968	.37457	.37349	.37372	.37361	1592.91901	1596.60001
	GRADIENT	.09484	.09510	.09495	.09502	.00387	.00350	.00375	.00362	1.68361	.00855

PARAMETRIC DATA

BETA = -4.000 PHI = 180.000

RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DPACAL	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
.800	-8.063	-90720	-90922	-90639	-90781	-44785	-44737	-44700	-44718	1298.92400	1342.38000
.799	-7.056	-79355	-79549	-79282	-79416	-44026	-43887	-43831	-43859	1307.70700	1342.11000
.800	-6.067	-68368	-68563	-68277	-68420	-43853	-43577	-43538	-43558	1314.77100	1342.27000
.800	-5.088	-57251	-57436	-57189	-57313	-43491	-43233	-43228	-43231	1320.96800	1342.06000
.800	-4.103	-46038	-46169	-45911	-46040	-43094	-42829	-42821	-42825	1326.14101	1341.88000
.800	-3.132	-35247	-35294	-35068	-35181	-42779	-42599	-42595	-42597	1330.34500	1342.25000
.800	-2.158	-24013	-24064	-23846	-23955	-42967	-42794	-42817	-42805	1333.36501	1341.92999
.800	-1.185	-12968	-12842	-12647	-12745	-43773	-43593	-43127	-43123	1335.60500	1342.00999
.800	-.188	-01911	-01756	-01577	-01667	-43300	-43118	-43127	-43123	1336.85699	1342.05000
.800	.802	.09491	.09438	.09599	.09518	-43974	-43820	-43813	-43817	1337.52901	1342.05000
.800	1.818	.20950	.20937	.21056	.20997	-44631	-44450	-44468	-44459	1337.57300	1342.07001
	GRADIENT	.11323	.11343	.11321	.11332	-.00284	-.00294	-.00296	-.00295	1.88413	.01050

RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DPACAL	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
.900	-8.058	-93599	-93920	-93617	-93769	-46082	-46055	-46026	-46040	1230.26300	1273.17000
.900	-7.048	-81894	-82089	-81786	-81938	-45290	-45209	-45208	-45208	1238.44299	1272.80000
.899	-6.066	-70396	-70620	-70319	-70470	-45314	-45180	-45178	-45179	1245.44299	1272.67000
.900	-5.081	-58970	-59142	-58841	-58992	-45029	-44832	-44812	-44822	1252.11501	1272.99001
.900	-4.105	-47436	-47572	-47294	-47456	-44556	-44359	-44326	-44342	1257.53799	1273.06000
.900	-3.133	-36323	-36333	-36071	-36202	-44201	-43957	-43921	-43939	1261.64999	1272.84000
.900	-2.163	-24848	-24928	-24668	-24798	-44451	-44405	-44115	-44128	1264.96500	1273.27000
.900	-1.192	-13459	-13356	-13143	-13249	-44382	-44382	-44373	-44398	1266.01500	1272.97000
.900	-.197	-01851	-01609	-01409	-01525	-44962	-44962	-44973	-44968	1268.01500	1272.70000
.900	.789	.09794	.09728	.09902	.09815	-45454	-45304	-45313	-45309	1268.76801	1272.89000
.900	1.806	.21678	.21726	.21846	.21786	-46062	-45920	-45937	-45929	1268.87199	1272.91000
	GRADIENT	.11711	.11732	.11706	.11719	-.00287	-.00299	-.00309	-.00304	1.85661	-.03340

RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DPACAL	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
1.098	-8.001	-94406	-94649	-94364	-94506	-48145	-47951	-47945	-47948	1163.96201	1205.59000
1.099	-6.974	-82255	-82382	-82098	-82240	-47476	-47355	-47353	-47354	1171.60600	1205.19000
1.100	-5.985	-70708	-70922	-70626	-70774	-47012	-46911	-46908	-46910	1178.36700	1204.79700
1.100	-4.996	-58966	-59061	-58786	-58924	-46879	-46666	-46667	-46667	1184.49500	1204.24001
1.101	-4.007	-47072	-47098	-46835	-46967	-46240	-46037	-46060	-46049	1189.37100	1204.49400
1.101	-3.022	-35420	-35511	-35267	-35389	-45851	-45604	-45623	-45614	1193.59900	1204.78700
1.100	-2.040	-23644	-23854	-23625	-23740	-45675	-45423	-45445	-45434	1196.58501	1204.53000
1.100	-1.036	-11591	-11719	-11499	-11609	-45599	-45339	-45356	-45348	1198.93100	1204.63699
1.100	-.075	-00263	-00345	-00338	-00341	-45815	-45580	-45612	-45596	1200.16100	1204.83400
1.100	.932	.11567	.11440	.11588	.11514	-45702	-45454	-45490	-45472	1200.90500	1204.61501
1.100	1.936	.23542	.23586	.23701	.23644	-46081	-45834	-45881	-45858	1200.98300	1204.84500
	GRADIENT	.11898	.11905	.11876	.11890	-.00102	-.00107	-.00102	-.00104	2.34734	.06120

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PARAMETRIC DATA

MACH	ALPHA	RUN NO.	1365/ 0	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
1.249	-8.047	-1.02997	-1.03928	-1.02997	-1.03462	-51676	-51673	-51672	-51672	-51673	1139.46700	1182.66200
1.250	-7.037	-90162	-90984	-90060	-90522	-50491	-50331	-50336	-50336	-50334	1147.70700	1182.40500
1.250	-6.046	-77621	-78332	-77436	-77884	-50559	-50439	-50435	-50435	-50437	1155.06599	1182.26300
1.250	-5.062	-65167	-65954	-65076	-65515	-50138	-49980	-49994	-49994	-49987	1161.89700	1182.87199
1.250	-4.083	-52140	-52909	-52053	-52481	-49466	-49340	-49345	-49345	-49342	1167.27400	1182.77600
1.250	-3.106	-39405	-40147	-39298	-39723	-49097	-49009	-49015	-49015	-49012	1170.07899	1182.30400
1.250	-2.129	-26953	-27637	-26827	-27232	-48996	-48936	-48951	-48951	-48943	1172.63499	1182.05800
1.250	-1.148	-14539	-15081	-14280	-14681	-49270	-49179	-49192	-49192	-49185	1174.75301	1182.48801
1.250	-.153	-01574	-02112	-01338	-01725	-49855	-49746	-49760	-49760	-49753	1176.42500	1182.36600
1.250	.842	.11235	.10532	.11258	.10895	-50046	-49936	-49956	-49956	-49946	1177.07001	1182.39000
1.250	1.853	.24421	.23724	.24448	.24086	-50555	-50470	-50506	-50506	-50488	1177.47900	1182.66200
	GRADIENT	.12872	.12888	.12863	.12876	-00218	-00219	-00224	-00224	-00222	1.74498	.00542

BETA = -4.000

PHI = 180.000

RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	RUN NO.	1376/ 0	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
1.400	-8.008	-1.16575	-1.16927	-1.16555	-1.16741	-59283	-59376	-59346	-59346	-59361	1120.09200	1164.43300
1.400	-7.026	-1.03037	-1.03401	-1.03049	-1.03225	-57352	-57445	-57436	-57436	-57440	1129.51900	1164.59700
1.400	-6.038	-89120	-89287	-89001	-89144	-57120	-57226	-57195	-57195	-57211	1136.97400	1164.07600
1.400	-5.051	-74523	-74669	-74352	-74510	-56868	-56959	-56937	-56937	-56948	1142.63800	1163.98199
1.400	-4.068	-59702	-59998	-59679	-59839	-56447	-56524	-56526	-56526	-56525	1147.77400	1164.17999
1.400	-3.089	-45344	-45531	-45259	-45395	-56427	-56469	-56472	-56472	-56471	1152.09399	1164.45300
1.400	-2.113	-31127	-31270	-31032	-31151	-56482	-56535	-56541	-56541	-56538	1155.75600	1164.51300
1.400	-1.135	-16798	-16714	-16487	-16600	-56681	-56712	-56709	-56709	-56710	1157.80499	1164.14500
1.400	-.134	-01990	-01825	-01632	-01729	-57362	-57403	-57406	-57406	-57404	1158.77901	1163.85600
1.400	.856	.12940	.12878	.13029	.12953	-57651	-57657	-57675	-57675	-57666	1159.74001	1164.34700
1.400	1.871	.28147	.28107	.28244	.28175	-58293	-58321	-58340	-58340	-58330	1160.52200	1164.58099
	GRADIENT	.14782	.14830	.14800	.14815	-00321	-00313	-00315	-00315	-00314	2.03858	.01240

RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	RUN NO.	1388/ 0	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
1.449	-8.093	-1.25184	-1.25432	-1.25074	-1.25253	-61246	-61170	-61134	-61134	-61152	1113.61301	1158.47200
1.450	-7.082	-1.09504	-1.09797	-1.09439	-1.09618	-60056	-60005	-59985	-59985	-59995	1122.23000	1158.63200
1.450	-6.101	-94769	-95081	-94759	-94919	-60059	-60124	-60121	-60121	-60123	1129.84300	1158.53101
1.450	-5.120	-79493	-79712	-79396	-79554	-59781	-59804	-59802	-59802	-59803	1135.10400	1158.46101
1.450	-4.148	-64132	-64319	-64025	-64172	-59314	-59257	-59267	-59267	-59262	1139.77100	1158.18800
1.450	-3.177	-49144	-49258	-49012	-49135	-59440	-59442	-59454	-59454	-59448	1144.31599	1158.19099
1.450	-2.212	-34332	-34476	-34234	-34355	-60059	-60076	-60095	-60095	-60085	1149.04900	1158.38600
1.450	-1.242	-18961	-19060	-18853	-18956	-60588	-60603	-60620	-60620	-60612	1151.66600	1158.05901
1.450	-.246	-03297	-03207	-03040	-03123	-61583	-61623	-61612	-61612	-61617	1153.99400	1158.79201
1.450	.742	.12551	.12557	.12678	.12618	-62203	-62194	-62205	-62205	-62200	1154.08200	1158.40700
1.450	1.764	.28957	.28987	.29079	.29033	-63041	-63020	-63049	-63049	-63034	1153.82300	1158.14799
	GRADIENT	.15748	.15789	.15755	.15772	-00663	-00667	-00667	-00667	-00667	2.41015	.02571

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PARAMETRIC DATA

BETA = -4.000 PHI = 180.000

RUN NO. 1433/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DPACAL	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
1.471	-1.29137	-1.29423	-1.29034	-1.29229	-1.29229	-6.3999	-6.4079	-6.4068	-6.4074	1114.86800	1150.46219
1.471	-8.080	-1.33801	-1.13613	-1.13798	-1.13798	-6.2976	-6.3007	-6.3010	-6.3008	1114.88800	1149.38333
1.471	-7.070	-1.39833	-1.13983	-1.13983	-1.13983	-6.2976	-6.3007	-6.3010	-6.3008	1114.88800	1149.38333
1.471	-6.089	-1.89594	-9.8614	-9.8788	-9.8788	-6.3275	-6.3258	-6.3255	-6.3257	1114.92500	1149.20509
1.471	-5.106	-8.2208	-8.2482	-8.2149	-8.2315	-6.2523	-6.2605	-6.2578	-6.2591	1130.00900	1149.10809
1.470	-4.134	-6.6372	-6.6589	-6.6267	-6.6428	-6.1883	-6.1967	-6.1943	-6.1955	1135.85001	1149.62651
1.471	-3.162	-5.0993	-5.0991	-5.0707	-5.0849	-6.1567	-6.1598	-6.1607	-6.1603	1139.52200	1149.63911
1.470	-2.193	-3.4922	-3.5028	-3.4772	-3.4900	-6.1973	-6.2011	-6.2012	-6.2011	1142.53101	1149.27454
1.471	-1.225	-1.9263	-1.9377	-1.9159	-1.9268	-6.2202	-6.2252	-6.2259	-6.2255	1144.32201	1149.54424
1.470	-.227	-0.3082	-0.3174	-0.2982	-0.3078	-6.3046	-6.3112	-6.3137	-6.3125	1145.55099	1149.71526
1.470	.765	.13084	.13044	.13191	.13181	-6.3981	-6.3980	-6.4032	-6.4006	1146.67900	1149.41068
1.470	1.785	.29649	.29863	.29979	.29921	-6.4969	-6.4993	-6.5036	-6.5015	1147.38499	1149.54170
1.470	GRADIENT	.16248	.16293	.16258	.16276	-.00552	-.00544	-.00555	-.00549	1.87899	-.00970

RUN NO. 1400/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DPACAL	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
1.495	-1.33225	-1.33438	-1.33009	-1.33224	-1.33224	-6.6497	-6.6571	-6.6514	-6.6542	1108.56799	1146.56792
1.495	-7.064	-1.17458	-1.17215	-1.17419	-1.17419	-6.5408	-6.5834	-6.5348	-6.5591	1115.91000	1145.87828
1.496	-6.080	-1.02862	-1.02705	-1.02875	-1.02875	-6.5746	-6.7498	-6.5682	-6.6590	1123.55701	1145.92116
1.495	-5.097	-8.7055	-8.6701	-8.6875	-8.66146	-6.6146	-6.8193	-6.6101	-6.7147	1130.05099	1146.14845
1.495	-4.121	-7.0223	-7.0303	-6.9968	-7.0136	-6.5607	-6.8138	-6.5540	-6.6839	1134.53999	1146.15932
1.495	-3.152	-5.3395	-5.3170	-5.3313	-5.3328	-6.6328	-6.8025	-6.5284	-6.6654	1138.14500	1146.04657
1.495	-2.183	-3.7194	-3.7212	-3.6938	-3.7075	-6.5861	-6.7928	-6.5798	-6.6863	1141.13499	1145.96831
1.496	-1.209	-2.0626	-2.0653	-2.0400	-2.0526	-6.6433	-6.8561	-6.6359	-6.7460	1143.77600	1146.23303
1.496	-.214	-0.3612	-0.3472	-0.3258	-0.3365	-6.7233	-6.8749	-6.7140	-6.7945	1145.43201	1146.60513
1.496	.780	.13960	.13871	.14061	.13966	-6.7815	-6.9329	-6.7773	-6.8551	1146.23801	1146.46278
1.496	1.800	.31593	.31553	.31682	.31617	-6.8573	-6.9312	-6.8506	-6.8909	1146.34900	1146.08499
1.495	GRADIENT	.17167	.17175	.17143	.17159	-.00553	-.00252	-.00552	-.00402	2.02003	.04478

RUN NO. 1421/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DPACAL	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
1.517	-1.48517	-1.48690	-1.48269	-1.48480	-1.48480	-7.2795	-7.2701	-7.2688	-7.2695	1104.86700	1142.48935
1.521	-1.39426	-1.39643	-1.39224	-1.39434	-1.39434	-7.6939	-7.6782	-7.6766	-7.6774	1104.81700	1141.13722
1.520	-6.081	-1.20874	-1.21072	-1.20874	-1.20874	-7.6763	-7.6738	-7.6732	-7.6735	1104.83099	1140.71083
1.518	-5.103	-1.01816	-1.01901	-1.01520	-1.01710	-7.5758	-7.5802	-7.5790	-7.5796	1104.82000	1140.08736
1.519	-4.122	-8.2937	-8.3129	-8.2781	-8.2955	-7.6451	-7.6462	-7.6458	-7.6460	1130.90500	1139.67812
1.529	-3.154	-6.4393	-6.4479	-6.4142	-6.4311	-7.7707	-7.7611	-7.7624	-7.7618	1130.81400	1153.33521
1.519	-2.182	-4.4928	-4.4808	-4.4526	-4.4667	-7.7636	-7.7490	-7.7491	-7.7491	1130.71400	1140.09251
1.518	-1.207	-2.5000	-2.4990	-2.4729	-2.4860	-7.7726	-7.7736	-7.7736	-7.7733	1130.66000	1140.28653
1.518	-.213	-0.4980	-0.4880	-0.4672	-0.4776	-7.8052	-7.7912	-7.7938	-7.7925	1130.64999	1140.26778
1.518	.779	.15153	.15074	.15253	.15163	-8.0285	-8.0123	-8.0119	-8.0121	1130.61600	1140.28256
1.519	1.799	.36023	.36051	.36072	.36072	-8.1915	-8.1784	-8.1823	-8.1804	1130.58299	1140.07214
1.519	GRADIENT	.20144	.20167	.20120	.20144	-.00798	-.00778	-.00783	-.00780	-.05156	-.89568

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(UCM030) ( 04 OCT 91 )

PARAMETRIC DATA

BETA = -4.000 PHI = 180.000

RUN NO. 1410/ O RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DPACAL	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
1.543	-8.078	-1.54016	-1.54234	-1.53834	-1.54034	-73849	-73911	-73890	-73900	1113.34399	1136.68695
1.543	-7.069	-1.28728	-1.29001	-1.28797	-1.28797	-71491	-71569	-71518	-71543	1116.18500	1136.98520
1.543	-5.101	-9.1112	-9.1372	-9.1008	-9.1190	-69203	-69177	-69175	-69176	1119.81599	1136.52553
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA310 (AEDC 16TF-783) FAIRING-OFF DATABASE

(UCM031) ( 04 OCT 91 )

PARAMETRIC DATA

BETA = -4.000 PHI = 180.000

RUN NO. 1423/ O RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DPACAL	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
1.517	-8.074	-1.46501	-1.46767	-1.46362	-1.46565	-71831	-71733	-71677	-71705	1097.52100	1138.81413
1.517	-7.066	-1.33762	-1.33886	-1.33473	-1.33679	-73077	-72931	-72922	-72927	1097.50999	1137.25909
1.516	-6.081	-1.17615	-1.17692	-1.17292	-1.17492	-74267	-74167	-74157	-74162	1097.49600	1138.24176
1.516	-5.103	-1.00013	-1.00158	-99799	-99979	-74548	-74491	-74488	-74490	1097.72800	1138.18671
1.517	-4.124	-8.1618	-8.1620	-8.1307	-8.1464	-74850	-74752	-74753	-74752	1097.67999	1137.63170
1.517	-3.155	-6.2291	-6.2384	-6.2054	-6.2219	-75573	-75456	-75463	-75459	1097.71001	1137.43799
1.516	-2.182	-4.3631	-4.3549	-4.3273	-4.3411	-76940	-76850	-76859	-76854	1097.68700	1137.59578
1.516	-1.210	-2.4045	-2.4111	-2.3881	-2.3996	-78600	-78543	-78564	-78553	1097.67300	1137.84906
1.517	-2.11	-0.3765	-0.3794	-0.3604	-0.3699	-79765	-79673	-79680	-79677	1121.65800	1137.23770
1.516	.780	.16601	.16553	.16720	.16636	-80292	-80198	-80220	-80209	1121.50000	1136.94785
1.516	1.798	.36147	.36190	.36281	.36236	-79194	-79066	-79098	-79082	1121.46700	1137.21849
	GRADIENT	.19957	.19961	.19922	.19941	.00913	.00912	.00916	.00914	5.18480	-.09368

RUN NO. 1411/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DPACAL	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
1.542	-8.071	-1.52362	-1.52513	-1.52094	-1.52304	-73756	-73800	-73789	-73795	1112.88499	1136.25537
1.543	7.065	-1.28204	-1.28410	-1.28016	-1.28213	-71270	-71276	-71204	-71240	1115.46201	1135.81503
1.542	-6.079	-1.10140	-1.10274	-1.09902	-1.10088	-70167	-70170	-70100	-70135	1116.93600	1136.11693
1.542	-5.097	-9.1023	-9.1264	-9.0906	-9.1085	-69572	-69550	-69550	-69554	1119.35500	1135.98341
1.543	-4.125	-7.1479	-7.1544	-7.1194	-7.1369	-68538	-68482	-68478	-68480	1119.48900	1135.71277
1.542	-3.153	-5.2917	-5.2917	-5.2621	-5.2766	-67225	-67250	-67263	-67257	1120.32899	1135.88368
1.542	-2.182	-3.5438	-3.5437	-3.5176	-3.5307	-65354	-65282	-65295	-65288	1121.39101	1135.94174
1.542	-1.210	-1.8974	-1.8976	-1.8740	-1.8858	-62943	-62841	-62857	-62849	1122.03900	1135.94958
1.542	.213	-0.3197	-0.3055	-0.2869	-0.2962	-62559	-62371	-62384	-62377	1122.43201	1135.71631
1.543	.781	.13352	.13281	.13432	.13357	-64664	-64565	-64600	-64582	1122.85899	1136.12144
1.543	1.797	.31841	.31869	.31979	.31924	-67870	-67853	-67900	-67876	1122.98300	1135.73705
	GRADIENT	.17196	.17206	.17167	.17186	.00351	.00360	.00353	.00356	.59942	-.01139



(UCMO32) ( 04 OCT 91 )

IA310 (AEDC 16TF-783) FAIRING-OFF DATABASE

PARAMETRIC DATA

BETA = -3.000 PHI = 180.000

RUN NO. 1352/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DPACAL	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
.599	-8.031	-74599	-74882	-74622	-74752	-27957	-27790	-27784	-27787	1561.08701	1597.30000
.600	-7.070	-65739	-66015	-65744	-65879	-26705	-26657	-26624	-26640	1568.53400	1597.30000
.600	-6.088	-56724	-56922	-56665	-56794	-26460	-26494	-26458	-26476	1575.19800	1597.28000
.600	-5.106	-47365	-47469	-47211	-47340	-26072	-26092	-26051	-26072	1581.08600	1596.64999
.601	-4.134	-38376	-38435	-38191	-38313	-26043	-26045	-26012	-26029	1585.34599	1597.55000
.601	-3.169	-29185	-29370	-29150	-29260	-26043	-26019	-26081	-26007	1588.88200	1597.23000
.601	-2.214	-20012	-20253	-20024	-20139	-26125	-26121	-26081	-26101	1591.46201	1597.25999
.601	-1.261	-11108	-11210	-11016	-11113	-26376	-26350	-26333	-26342	1593.20200	1596.98000
.601	-.285	-02118	-02184	-02007	-02095	-27107	-27046	-27056	-27051	1594.32401	1597.50999
.600	.713	.07066	.06994	.07154	.07074	-27790	-27750	-27752	-27751	1594.77499	1596.71001
.601	1.751	.16763	.16842	.17032	.16937	-28529	-28488	-28488	-28488	1594.94200	1597.38000
GRADIENT		.09354	.09384	.09372	.09378	-.00440	-.00430	-.00438	-.00434	1.58036	-.04678

RUN NO. 1342/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DPACAL	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
.799	-8.047	-89613	-89842	-89579	-89710	-33863	-33871	-33838	-33855	1301.76401	1342.07001
.800	-7.036	-78444	-78558	-78299	-78428	-32946	-32855	-32827	-32841	1310.06100	1341.98000
.800	-6.046	-67601	-67795	-67520	-67657	-32377	-32200	-32185	-32193	1317.95399	1342.17999
.800	-5.059	-56280	-56495	-56227	-56361	-32052	-31853	-31832	-31843	1324.08701	1341.88000
.800	-4.081	-45277	-45390	-45153	-45271	-31746	-31581	-31559	-31570	1329.09200	1341.89999
.800	-3.109	-34386	-34536	-34308	-34422	-31608	-31608	-31604	-31606	1332.93401	1341.94000
.800	-2.144	-23619	-23619	-23386	-23498	-31557	-31449	-31456	-31452	1335.93401	1341.80000
.800	-1.182	-12710	-12608	-12420	-12514	-31747	-31698	-31693	-31695	1337.94800	1342.03999
.800	-.200	-.01838	-.01684	-.01513	-.01598	-32417	-32354	-32349	-32352	1339.12100	1341.84000
.800	.797	.09107	.09135	.09278	.09206	-33002	-32926	-32945	-32936	1339.70599	1342.09000
.800	1.824	.20779	.20795	.20902	.20848	-33649	-33584	-33602	-33593	1339.65800	1342.00000
GRADIENT		.11174	.11206	.11184	.11195	-.00332	-.00349	-.00355	-.00352	1.755614	-.02333

RUN NO. 1330/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DPACAL	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
.900	-8.078	-92868	-93190	-92858	-93024	-34909	-34982	-34874	-34928	1233.16100	1273.19000
.900	-7.025	-81015	-81192	-80894	-81043	-33457	-33489	-33453	-33471	1241.41400	1272.78000
.899	-6.037	-69761	-69920	-69613	-69767	-33324	-33235	-33199	-33217	1248.92799	1273.00000
.900	-5.053	-58208	-58367	-58055	-58211	-32960	-32833	-32801	-32817	1255.45700	1272.96001
.900	-4.082	-46745	-46855	-46576	-46716	-32563	-32531	-32528	-32529	1260.24100	1273.14000
.900	-3.110	-35630	-35696	-35436	-35566	-32591	-32480	-32467	-32474	1264.24100	1273.17000
.900	-2.146	-24170	-24233	-24004	-24118	-32618	-32502	-32469	-32486	1267.14000	1272.89999
.900	-1.188	-13185	-13097	-12876	-12986	-32711	-32610	-32616	-32613	1269.00101	1272.85001
.900	-.208	-.01823	-.01708	-.01500	-.01604	-33409	-33308	-33320	-33314	1270.20000	1273.12000
.900	.783	.09507	.09444	.09534	.09534	-34105	-33984	-33980	-33982	1270.87199	1273.03000
.899	1.810	.21435	.21416	.21551	.21484	-34908	-34739	-34656	-34698	1270.89500	1272.72000
GRADIENT		.11574	.11590	.11568	.11579	-.00387	-.00383	-.00376	-.00379	1.75562	-.04837

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(UCMO32) ( 04 OCT 91 )

PARAMETRIC DATA

BETA = -3.000 PHI = 180.000

RUN NO. 1321/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DPACAL	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
1.099	-8.036	-93816	-94082	-93797	-93940	-37048	-36762	-36755	-36758	1165.63600	1204.94400
1.100	-6.965	-81641	-81792	-81517	-81654	-35341	-35340	-35244	-35292	1174.37399	1204.90601
1.100	-5.978	-70169	-70321	-70043	-70182	-34992	-34982	-34882	-34932	1181.25900	1204.73100
1.101	-4.983	-58330	-58459	-58189	-58324	-34618	-34642	-34605	-34623	1187.50200	1204.70599
1.100	-3.997	-46632	-46658	-46388	-46523	-34295	-34183	-34176	-34179	1192.36800	1204.62700
1.100	-3.011	-35007	-35163	-34910	-35037	-34034	-33873	-33886	-33880	1196.20599	1204.46800
1.100	-2.033	-23190	-23352	-23115	-23233	-33671	-33551	-33548	-33549	1199.16800	1204.65100
1.100	-1.052	-11483	-11596	-11399	-11498	-33527	-33394	-33416	-33405	1201.15900	1204.72501
1.099	-.054	-00057	-00044	-00037	-00041	-33706	-33558	-33574	-33566	1202.32100	1204.83400
1.100	.925	11077	10935	11086	11010	-33879	-33732	-33741	-33737	1202.69701	1204.44299
1.100	1.921	22897	22967	23064	23015	-34241	-34136	-34146	-34141	1203.04601	1204.75400
	GRADIENT	.11760	.11777	.11746	.11761	.00070	.00083	.00078	.00080	2.18245	.00712

RUN NO. 1366/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DPACAL	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
1.250	-8.037	-101878	-102863	-101913	-102388	-38067	-37917	-37911	-37914	1142.41299	1182.70500
1.250	-7.016	-89386	-90215	-89291	-89753	-37537	-37390	-37373	-37381	1150.64900	1182.68401
1.250	-6.028	-76879	-77704	-76804	-77254	-37455	-37312	-37313	-37312	1158.55000	1182.45000
1.250	-5.043	-64097	-64897	-64010	-64453	-36828	-36774	-36766	-36770	1164.73599	1182.14799
1.250	-4.065	-51304	-52048	-51177	-51613	-36266	-36178	-36191	-36185	1168.72600	1182.79900
1.250	-3.086	-38980	-39643	-38798	-39221	-35674	-35986	-35886	-35985	1172.56500	1182.81300
1.250	-2.115	-26406	-27153	-26325	-26739	-35983	-35873	-35886	-35879	1175.73900	1182.42400
1.250	-1.149	-14080	-14693	-13898	-14295	-35067	-35972	-35978	-35975	1177.58299	1182.41600
1.250	-.160	-01478	-02077	-01303	-01690	-36795	-36670	-36597	-36684	1178.59700	1182.35800
1.250	.833	11040	10304	11046	10675	-37347	-37202	-37231	-37216	1179.70200	1182.72900
1.250	1.859	23954	23329	24033	23681	-38131	-38036	-38057	-38047	1179.75200	1182.88200
	GRADIENT	.12724	.12737	.12710	.12723	.00326	.00321	.00324	.00323	1.81639	.00135

RUN NO. 1377/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DPACAL	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
1.400	-8.024	-116184	-116516	-116143	-116330	-43024	-43127	-43103	-43115	1123.11800	1164.64000
1.400	-7.012	-102278	-102579	-102212	-102395	-42438	-42464	-42438	-42451	1132.41100	1164.33600
1.400	-6.022	-88224	-88439	-88096	-88267	-42137	-42060	-42046	-42053	1139.68100	1163.98199
1.400	-5.035	-73405	-73557	-73237	-73397	-42003	-41959	-41930	-41945	1145.43201	1164.10201
1.400	-4.052	-59049	-59374	-59049	-59212	-41768	-41692	-41670	-41681	1150.69600	1164.53000
1.400	-3.074	-44700	-44863	-44599	-44731	-41590	-41588	-41590	-41589	1155.14999	1164.32300
1.400	-2.101	-30327	-30587	-30351	-30469	-41273	-41290	-41300	-41295	1157.98199	1164.33900
1.400	-1.133	-16236	-16142	-15910	-16026	-41279	-41321	-41313	-41317	1159.38300	1163.99001
1.400	-.146	-01913	-01768	-01581	-01675	-42055	-42089	-42098	-42094	1160.25301	1163.81300
1.400	.846	12613	12518	12687	12602	-42682	-42723	-42743	-42733	1161.44200	1164.34200
1.400	1.876	27670	27609	27738	27673	-43857	-43831	-43828	-43829	1162.19099	1164.67200
	GRADIENT	.14621	.14668	.14639	.14653	.00337	.00346	.00349	.00348	1.78513	.00111

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(UCM032) ( 04 OCT 91 )

PARAMETRIC DATA

BETA = -3.000 PHI = 180.000

RUN NO. 1389/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DPACAL	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
1.450	-8.066	-1.23924	-1.24134	-1.23977	-1.23977	-44998	-44833	-44807	-44820	1117.08501	1158.76601
1.451	-7.052	-1.08542	-1.08820	-1.08485	-1.08652	-44672	-44482	-44422	-44452	1125.10100	1158.66600
1.450	-6.070	-94019	-94002	-94170	-43677	-43659	-43617	-43617	-43638	1132.38800	1158.14600
1.450	-5.086	-78185	-78428	-78104	-78266	-43687	-43725	-43697	-43711	1137.44800	1158.35100
1.450	-4.118	-63466	-63652	-63384	-63518	-43697	-43753	-43720	-43737	1143.30299	1158.91100
1.449	-3.146	-49123	-49140	-48871	-49005	-43675	-43725	-43707	-43716	1148.81200	1158.52901
1.450	-2.194	-33781	-33893	-33672	-33783	-43557	-43525	-43525	-43540	1151.76500	1158.33800
1.450	-1.241	-18529	-18634	-18418	-18526	-43848	-43847	-43847	-43856	1152.63901	1158.30701
1.450	-.259	-03126	-03169	-03004	-03040	-44956	-44973	-44973	-44965	1153.16299	1158.14200
1.450	.741	.12206	.12171	.12315	.12243	-46186	-46162	-46186	-46174	1154.38200	1158.21800
1.450	1.777	.28224	.28465	.28554	.28509	-47728	-47724	-47742	-47733	1156.18300	1158.54401
GRADIENT		.15638	.15687	.15656	.15671	-.00699	-.00669	-.00679	-.00674	1.86309	-.06876

RUN NO. 1434/ O RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DPACAL	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
1.470	-8.056	-1.28032	-1.28302	-1.27907	-1.28105	-47134	-47155	-47126	-47141	1111.53700	1149.69188
1.471	-7.049	-1.13278	-1.13480	-1.13107	-1.13294	-46330	-46338	-46330	-46334	1121.39000	1149.65129
1.471	-6.062	-97542	-97963	-97600	-97781	-45822	-45899	-45898	-45898	1129.18100	1150.01132
1.471	-5.079	-81565	-81848	-81510	-81679	-45253	-45303	-45306	-45305	1134.09900	1149.97279
1.471	-4.102	-65731	-65939	-65622	-65781	-45117	-45124	-45140	-45132	1138.45200	1149.71313
1.470	-3.136	-50175	-50183	-49908	-50045	-44796	-44764	-44768	-44766	1141.79800	1149.05571
1.470	-2.174	-34404	-34443	-34196	-34319	-44952	-44952	-44970	-44961	1143.71600	1148.90636
1.470	-1.219	-18910	-19103	-18864	-18984	-45668	-45601	-45620	-45611	1146.20200	1149.32887
1.471	-.238	-03102	-03189	-03010	-03100	-46933	-46897	-46918	-46907	1147.57600	1149.51797
1.471	.757	.12802	.12772	.12920	.12846	-48259	-48230	-48249	-48240	1148.28101	1149.78690
1.471	1.796	.29357	.29545	.29671	.29608	-49357	-49265	-49297	-49281	1148.14999	1149.82193
GRADIENT		.16139	.16179	.16147	.16163	-.00790	-.00780	-.00783	-.00781	1.66754	-.08830

RUN NO. 1401/ O RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DPACAL	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
1.496	-8.059	-1.32339	-1.32556	-1.32119	-1.32337	-49186	-48989	-48959	-48974	1114.18500	1146.65654
1.496	-7.038	-1.17196	-1.17312	-1.16916	-1.17114	-48828	-48720	-48706	-48713	1114.26199	1146.22639
1.495	-6.053	-1.02528	-1.02773	-1.02376	-1.02575	-48847	-48709	-48686	-48697	1114.21899	1146.30067
1.496	-5.073	-86223	-86201	-85858	-86029	-48505	-48398	-48389	-48393	1132.37199	1146.28281
1.495	-4.096	-69669	-69697	-69370	-69533	-48652	-48519	-48501	-48510	1136.88800	1146.18561
1.495	-3.128	-53586	-53682	-53413	-53547	-48239	-48080	-48097	-48088	1140.95300	1145.96262
1.495	-2.164	-37130	-37168	-36891	-37030	-48433	-48247	-48249	-48248	1144.07800	1146.59052
1.495	-1.205	-20751	-20776	-20543	-20659	-48955	-48811	-48811	-48808	1145.42200	1146.35066
1.496	-.224	-03729	-03729	-03521	-03625	-50314	-50168	-50184	-50176	1145.78101	1146.09946
1.495	.773	.13319	.13428	.13428	.13428	-51535	-51349	-51384	-51366	1146.50000	1145.95248
1.495	1.807	.31283	.31228	.31353	.31290	-52579	-52386	-52477	-52432	1146.50000	1146.22400
GRADIENT		.17121	.17126	.17094	.17110	-.00741	-.00733	-.00747	-.00740	1.50910	-.01454

(UCMO32) ( 04 OCT 91 )

IA310 (AEDC 16TF-783) FAIRING-OFF DATABASE

PARAMETRIC DATA

BETA = -3.000 PHI = 180.000

RUN NO. 1424/ O RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DPACAL	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
1.515	-8.053	-1.45158	-1.45468	-1.45071	-1.45269	-52819	-52792	-52815	-52803	1098.60001	1136.98029
1.516	-7.041	-1.33000	-1.33167	-1.32749	-1.32958	-53664	-53568	-53602	-53586	1098.54201	1137.12665
1.516	-6.059	-1.17614	-1.17720	-1.17339	-1.17529	-54301	-54289	-54250	-54269	1098.51500	1136.95764
1.516	-5.074	-99662	-99734	-99385	-99559	-54305	-54262	-54235	-54248	1098.58200	1136.87198
1.516	-4.101	-80664	-80642	-80312	-80477	-54606	-54496	-54484	-54490	1098.53500	1136.74690
1.516	-3.123	-63379	-63457	-63156	-63306	-57028	-56924	-56900	-56912	1098.55499	1136.74428
1.516	-2.166	-44543	-44493	-44200	-44346	-58276	-58204	-58198	-58201	1098.48801	1137.06357
1.515	-1.207	-24518	-24591	-24347	-24469	-58256	-58206	-58211	-58208	1098.50800	1137.60591
1.515	-.224	-.04562	-.04533	-.04349	-.04441	-59166	-59104	-59123	-59114	1098.45100	1137.39539
1.516	.773	.15451	.15429	.15594	.15512	-60264	-60186	-60203	-60194	1098.44099	1137.51666
1.515	1.808	.36866	.36940	.37040	.36990	-61954	-61854	-61866	-61860	1098.42700	1137.68703
	GRADIENT	.20038	.20047	.20008	.20028	-.01071	-.01075	-.01081	-.01078	-.02143	.17047

RUN NO. 1412/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DPACAL	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
1.543	-8.056	-1.48638	-1.48858	-1.48450	-1.48654	-53751	-53651	-53675	-53663	1113.86900	1135.64803
1.542	-7.042	-1.26489	-1.26695	-1.26291	-1.26493	-52111	-52042	-52034	-52038	1115.48100	1135.22896
1.542	-6.057	-1.08950	-1.09128	-1.08732	-1.08930	-51170	-51077	-51053	-51065	1118.04500	1135.73024
1.543	-5.077	-.89534	-.89795	-.89451	-.89623	-50401	-50305	-50300	-50302	1118.94200	1135.40582
1.542	-4.095	-.70025	-.70137	-.69812	-.69974	-49944	-49812	-49801	-49807	1119.78101	1135.74144
1.543	-3.126	-50170	-50191	-49917	-50054	-47107	-46983	-46997	-46990	1120.89000	1135.66127
1.542	-2.163	-.32111	-.32193	-.31938	-.32065	-43391	-43290	-43288	-43289	1121.89799	1135.61217
1.542	-1.207	-.17012	-.17078	-.16852	-.16965	-41816	-41637	-41661	-41649	1122.36800	1135.50699
1.542	-.222	-.02858	-.02902	-.02705	-.02805	-42067	-41873	-41887	-41880	1122.61700	1135.62569
1.543	.773	.10987	.10940	.11095	.11018	-43462	-43272	-43290	-43281	1123.18800	1135.87987
1.542	1.807	.27168	.27308	.27439	.27373	-46043	-45912	-45936	-45924	1123.33299	1135.49855
	GRADIENT	.16137	.16164	.16132	.16148	.00726	.00734	.00729	.00732	.58024	-.01020

(UCM033) ( 04 OCT 91 )

PARAMETRIC DATA

BETA = -2.000 PHI = 180.000

RUN NO. 1353/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DPACAL	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
.600	-8.033	-74168	-74450	-74182	-74316	-17274	-17146	-17172	-17159	1562.69501	1597.41000
.599	-7.035	-65044	-65347	-65064	-65206	-16969	-16843	-16819	-16831	1570.19901	1596.53000
.600	-6.043	-55923	-56149	-55868	-56008	-16735	-16596	-16560	-16578	1577.05400	1597.00999
.600	-5.061	-46602	-46706	-46444	-46575	-16512	-16382	-16373	-16378	1582.79201	1597.33000
.600	-4.086	-37700	-37764	-37535	-37650	-16326	-16229	-16225	-16227	1587.08099	1596.70000
.600	-3.118	-28311	-28350	-28315	-28432	-16488	-16369	-16369	-16369	1590.59801	1596.92000
.600	-2.166	-19300	-19523	-19306	-19415	-16336	-16221	-16218	-16219	1593.04300	1597.07001
.600	-1.241	-10752	-10859	-10674	-10767	-16675	-16598	-16584	-16591	1594.83701	1596.92999
.600	-.298	-02241	-02307	-02150	-02228	-17628	-17530	-17564	-17547	1595.54500	1596.72000
.600	.705	.06806	.06641	.06791	.06716	-18911	-18835	-18825	-18830	1595.81799	1596.46001
.600	1.775	.16468	.16543	.16703	.16623	-19613	-19595	-19613	-19604	1595.94600	1596.87000
	GRADIENT	.09216	.09243	.09227	.09235	-.00594	-.00606	-.00609	-.00608	1.44864	-.02740

RUN NO. 1343/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DPACAL	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
.800	-8.015	-88584	-88739	-88510	-88624	-22250	-22146	-22123	-22134	1304.09801	1342.28000
.799	-7.008	-77737	-77864	-77585	-77725	-21290	-21185	-21167	-21176	1311.99200	1341.89000
.800	-6.016	-66615	-66880	-66599	-66739	-21184	-21046	-21038	-21042	1319.90900	1342.14000
.800	-5.030	-55456	-55689	-55428	-55558	-20490	-20352	-20343	-20348	1326.28101	1341.85001
.800	-4.045	-44632	-44752	-44500	-44630	-20296	-20189	-20175	-20182	1331.11700	1342.10001
.800	-3.070	-33567	-33747	-33530	-33638	-20195	-20083	-20076	-20079	1334.85500	1341.84000
.801	-2.112	-22860	-22843	-22632	-22737	-20250	-20101	-20091	-20096	1337.68700	1342.02000
.800	-1.170	-12415	-12314	-12123	-12219	-20406	-20277	-20276	-20277	1339.29900	1341.94000
.800	-.214	-02029	-01851	-01706	-01778	-21407	-21276	-21268	-21272	1340.33400	1342.12000
.800	.787	.08980	.08935	.09047	.08991	-22411	-22232	-22235	-22233	1340.72301	1341.70000
.800	1.842	.20410	.20415	.20515	.20465	-23070	-22945	-22945	-22945	1340.77699	1342.07001
	GRADIENT	.11038	.11066	.11040	.11053	-.00512	-.00506	-.00509	-.00507	1.58139	-.00971

RUN NO. 1331/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DPACAL	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
.900	-8.041	-91909	-92103	-91787	-91945	-22782	-22837	-22792	-22815	1235.15100	1273.03000
.900	-6.998	-80283	-80409	-80086	-80248	-21871	-21832	-21800	-21816	1243.33600	1273.05000
.899	-6.007	-68873	-69062	-68747	-68905	-21494	-21477	-21434	-21455	1250.68201	1272.78999
.900	-5.020	-57203	-57421	-57129	-57275	-21328	-21198	-21169	-21184	1257.28900	1273.00000
.900	-4.043	-46030	-46156	-45877	-46017	-20955	-20889	-20868	-20879	1262.13000	1273.13000
.900	-3.068	-34658	-34797	-34540	-34669	-20707	-20666	-20646	-20656	1266.01199	1272.86000
.900	-2.108	-23483	-23472	-23217	-23345	-20754	-20677	-20659	-20668	1268.78000	1272.78999
.900	-1.172	-12780	-12658	-12450	-12554	-20885	-20814	-20816	-20815	1270.66100	1273.24001
.900	-.223	-02071	-01912	-01708	-01810	-21913	-21850	-21834	-21842	1271.43300	1272.63000
.900	.775	.09220	.09188	.09370	.09279	-22859	-22859	-22870	-22864	1272.07500	1273.22000
.900	1.830	.21164	.21153	.21272	.21212	-23764	-23685	-23703	-23694	1272.07500	1272.97000
	GRADIENT	.11428	.11453	.11428	.11441	-.00520	-.00516	-.00522	-.00519	1.63244	-.00304

IA310 (AEDC 16TF-783) FAIRING-OFF DATABASE (UCM033) ( 04 OCT 91 )

## PARAMETRIC DATA

MACH	ALPHA	RUN NO.	1322/ O	DPACAL	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
1.099	-8.010			-.92912	-.93159	-.92869	-.93014	-.24776	-.24705	-.24695	-.24700	1167.78600	1205.02600
1.100	-6.958			-.80989	-.81186	-.80905	-.81045	-.23348	-.23351	-.23326	-.23339	1176.02499	1204.76601
1.100	-5.968			-.69473	-.69618	-.69340	-.69479	-.23284	-.23292	-.23272	-.23282	1183.33299	1204.59700
1.101	-4.969			-.57633	-.57811	-.57514	-.57662	-.22902	-.22914	-.22889	-.22902	1189.44501	1204.58701
1.100	-3.981			-.46213	-.46251	-.45980	-.46115	-.22277	-.22280	-.22276	-.22278	1194.16299	1204.57001
1.100	-2.981			-.34110	-.34277	-.34004	-.34141	-.22396	-.22342	-.22332	-.22337	1198.05800	1204.89600
1.100	-2.024			-.22519	-.22678	-.22446	-.22562	-.21799	-.21704	-.21694	-.21699	1200.82201	1204.70200
1.100	-1.048			-.11295	-.11445	-.11239	-.11342	-.21714	-.21602	-.21602	-.21602	1202.57401	1204.81500
1.100	-.086			-.00429	-.00437	-.00417	-.00427	-.22022	-.22018	-.22022	-.22020	1203.17900	1204.52000
1.100	.902			.10844	.10689	.10859	.10774	-.22387	-.22260	-.22263	-.22262	1203.80400	1204.60100
1.100	1.929			.22550	.22521	.22624	.22572	-.22800	-.22669	-.22685	-.22677	1203.69901	1204.57001
	GRADIENT			.11642	.11653	.11621	.11637	.00011	.00035	.00030	.00032	2.00313	-.01173

BETA = -2.000 PHI = 180.000

GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	RUN NO.	1367/ O	DPACAL	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
1.249	-8.019			-.00912	-.01897	-.00943	-.01420	-.24655	-.24639	-.24634	-.24636	1144.46100	1182.88200
1.250	-6.997			-.88657	-.89436	-.88570	-.89003	-.24606	-.24548	-.24532	-.24540	1153.00000	1182.85800
1.250	-6.005			-.76033	-.76848	-.75939	-.76393	-.24503	-.24506	-.24487	-.24497	1160.72200	1182.34500
1.250	-5.012			-.63036	-.63835	-.62951	-.63393	-.23722	-.23731	-.23719	-.23725	1166.06900	1182.43500
1.250	-4.030			-.50663	-.51380	-.50511	-.50946	-.23244	-.23223	-.23209	-.23216	1170.25999	1182.64400
1.250	-3.054			-.38014	-.38688	-.37842	-.38265	-.23070	-.23091	-.23097	-.23094	1174.44600	1182.42500
1.250	-2.087			-.25523	-.26248	-.25415	-.25832	-.22961	-.22978	-.22989	-.22984	1177.33099	1182.40500
1.250	-1.140			-.13619	-.14253	-.13458	-.13855	-.23293	-.23314	-.23299	-.23307	1179.29900	1182.42000
1.250	-.178			-.01604	-.02226	-.01446	-.01836	-.24241	-.24250	-.24253	-.24251	1180.23199	1182.40601
1.250	.822			.10919	.10177	.10929	.10553	-.25274	-.25241	-.25271	-.25256	1180.93401	1182.84200
1.250	1.875			.23812	.23177	.23896	.23537	-.25852	-.25851	-.25847	-.25849	1180.92999	1182.63901
	GRADIENT			.12609	.12617	.12591	.12604	-.00496	-.00493	-.00496	-.00495	1.74109	.03024

BETA = -5.00/ 5.00

MACH	ALPHA	RUN NO.	1378/ O	DPACAL	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
1.400	-8.013			-.15489	-.15815	-.15432	-.15623	-.27572	-.27762	-.27709	-.27736	1125.14700	1164.61301
1.400	-6.993			-.01563	-.01794	-.01447	-.01620	-.27400	-.27475	-.27466	-.27471	1134.18401	1164.15500
1.400	-6.001			-.87126	-.87290	-.86957	-.87124	-.27349	-.27358	-.27332	-.27345	1141.25900	1163.81300
1.400	-5.010			-.72580	-.72691	-.72375	-.72533	-.27148	-.27118	-.27093	-.27106	1147.45000	1164.24300
1.400	-4.026			-.58368	-.58656	-.58376	-.58516	-.26922	-.27014	-.26999	-.27006	1152.96001	1164.69400
1.400	-3.042			-.43552	-.43759	-.43491	-.43625	-.26575	-.26639	-.26626	-.26633	1156.83299	1164.15401
1.400	-2.080			-.29315	-.29404	-.29146	-.29275	-.26349	-.26407	-.26372	-.26390	1158.46899	1163.91701
1.400	-1.127			-.15668	-.15601	-.15374	-.15487	-.26729	-.26758	-.26743	-.26750	1160.46100	1164.38100
1.400	-.162			-.01933	-.01779	-.01585	-.01682	-.27772	-.27822	-.27823	-.27822	1161.72701	1164.62000
1.400	.834			.12448	.12408	.12563	.12485	-.28953	-.28970	-.28974	-.28972	1161.63699	1164.05600
1.400	1.888			.27220	.27183	.27304	.27245	-.29704	-.29752	-.29766	-.29759	1161.62700	1163.82500
	GRADIENT			.14449	.14497	.14469	.14483	-.00532	-.00524	-.00530	-.00527	1.41083	-.07779

BETA = -5.00/ 5.00

(UCM033) ( 04 OCT 91 )

PARAMETRIC DATA

BETA = -2.000 PHI = 180.000

RUN NO. 1390/ O RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DPACAL	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
1.449	-1.22662	-1.22880	-1.22514	-1.22697	-1.22697	-28536	-28447	-28402	-28424	1118.59500	1158.86501
1.450	-7.038	-1.07668	-1.07950	-1.07590	-1.07770	-28546	-28464	-28430	-28447	1126.81300	1158.49400
1.450	-6.034	-9.3021	-9.2682	-9.2851	-9.2851	-28043	-28032	-28006	-28019	1133.60899	1158.25500
1.450	-5.045	-7.7266	-7.7293	-7.7445	-7.7445	-27928	-27893	-27862	-27877	1139.54201	1158.38300
1.450	-4.069	-6.3310	-6.3313	-6.3161	-6.3161	-27371	-27506	-27485	-27496	1146.36800	1158.41600
1.450	-3.100	-4.7698	-4.7719	-4.7588	-4.7588	-27211	-27354	-27326	-27340	1150.59200	1158.59200
1.451	-2.149	-3.2447	-3.2447	-3.2203	-3.2203	-27182	-27294	-27274	-27284	1151.75400	1158.24600
1.449	-1.218	-1.7848	-1.7951	-1.7700	-1.7825	-27993	-28007	-28004	-28006	1153.28500	1158.49699
1.450	-.273	-0.3241	-0.3351	-0.3158	-0.3254	-29719	-29712	-29721	-29716	1154.58600	1158.30499
1.450	.733	.12033	.11978	.12129	.12054	-31478	-31551	-31554	-31552	1154.58600	1158.40300
1.449	1.801	.27946	.28135	.28229	.28182	-32499	-32584	-32587	-32585	1154.99500	1158.52600
GRADIENT		.15526	.15536	.15552	.15552	-00978	-00963	-00969	-00966	1.34338	.00319

RUN NO. 1435/ O RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DPACAL	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
1.471	-1.27385	-1.27673	-1.27290	-1.27482	-1.27482	-30262	-30290	-30246	-30268	1114.00999	1149.99696
1.471	-7.015	-1.12517	-1.12781	-1.12403	-1.12592	-29774	-29789	-29760	-29774	1124.15199	1150.06801
1.471	-6.025	-9.6275	-9.6671	-9.6331	-9.6501	-29649	-29791	-29775	-29783	1130.00999	1149.82848
1.471	-5.040	-8.0473	-8.0749	-8.0410	-8.0580	-29147	-29295	-29280	-29287	1135.32800	1149.90358
1.471	-4.062	-6.5048	-6.5173	-6.4875	-6.5024	-28325	-28489	-28471	-28480	1139.98399	1149.77519
1.471	-3.093	-4.9307	-4.9328	-4.9052	-4.9190	-27988	-28030	-28021	-28025	1142.83299	1150.25226
1.471	-2.138	-3.3580	-3.3643	-3.3390	-3.3517	-28130	-28166	-28174	-28170	1145.83299	1150.07956
1.471	-1.202	-1.8356	-1.8527	-1.8317	-1.8422	-28892	-28932	-28927	-28930	1146.25600	1150.06117
1.471	-.253	-0.3441	-0.3241	-0.3341	-0.3341	-30672	-30710	-30721	-30716	1146.57201	1149.78429
1.471	.750	.12542	.12542	.12622	.12622	-32830	-32849	-32856	-32852	1147.69000	1149.98897
1.471	1.818	.29407	.29712	.29712	.29652	-34029	-34156	-34167	-34161	1149.46400	1150.09021
GRADIENT		.16075	.16104	.16074	.16089	-01083	-01077	-01082	-01080	1.42769	.00518

RUN NO. 1402/ O RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DPACAL	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
1.495	-1.31648	-1.31876	-1.31468	-1.31672	-1.31672	-31581	-31489	-31451	-31470	1112.80901	1146.31947
1.495	-7.011	-1.17094	-1.16814	-1.17011	-1.17011	-31888	-31807	-31765	-31786	1112.79500	1146.15175
1.496	-6.021	-1.01733	-1.01971	-1.01584	-1.01777	-31433	-31348	-31313	-31330	1128.53300	1146.61823
1.496	-5.036	-8.5263	-8.5256	-8.4916	-8.5086	-31444	-31376	-31358	-31367	1134.67101	1146.85043
1.496	-4.058	-6.9404	-6.9476	-6.9161	-6.9318	-30854	-30749	-30734	-30742	1139.25101	1146.45389
1.496	-3.086	-5.3077	-5.3077	-5.2781	-5.2929	-30693	-30595	-30564	-30580	1142.63400	1146.72836
1.496	-2.125	-3.6312	-3.6226	-3.5964	-3.6095	-30845	-30714	-30709	-30711	1143.76601	1146.47583
1.496	-1.191	-2.0420	-2.0408	-2.0178	-2.0293	-31790	-31606	-31619	-31612	1143.80000	1146.36731
1.496	-.239	-0.4077	-0.4036	-0.3828	-0.3932	-33937	-33778	-33777	-33778	1143.92400	1147.21349
1.496	.762	.13337	.13268	.13432	.13350	-35592	-35445	-35367	-35406	1143.83701	1147.00635
1.495	1.829	.31353	.31314	.31436	.31375	-36419	-36160	-36196	-36178	1143.77000	1146.26547
GRADIENT		.17150	.17151	.17118	.17135	-01088	-01066	-01069	-01067	.58705	.02449

IA310 (AEDC 16TF-783) FAIRING-OFF DATABASE (UCMO33) ( 04 OCT 91 )

PARAMETRIC DATA

BETA = -2.000 PHI = 180.000

RUN NO. 1425/ O RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DPACAL	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
1.516	-8.029	-1.47558	-1.47861	-1.47447	-1.47654	-34074	-34160	-34109	-34134	1098.35600	1137.57457
1.516	-7.011	-1.34788	-1.34959	-1.34544	-1.34757	-35704	-35635	-35527	-35581	1098.29900	1136.92250
1.516	-6.023	-1.16599	-1.16724	-1.16348	-1.16536	-35036	-34992	-34870	-34931	1098.29900	1136.81230
1.516	-5.038	-98225	-98328	-97926	-98127	-34790	-34780	-34664	-34722	1098.26601	1136.78348
1.516	-4.059	-81406	-81469	-81160	-81314	-35703	-35672	-35600	-35636	1098.27499	1137.14111
1.517	-3.086	-62633	-62677	-62363	-62520	-36602	-36511	-36497	-36504	1098.21800	1137.78355
1.517	-2.130	-42688	-42686	-42395	-42540	-35055	-35948	-35938	-35943	1098.24800	1137.85931
1.517	-1.191	-24334	-24383	-24153	-24268	-36708	-36639	-36650	-36644	1098.21500	1137.47951
1.517	-.239	-05254	-05123	-04937	-05030	-38145	-38072	-38074	-38073	1098.20500	1138.02101
1.516	.766	14976	14940	15103	15021	40506	40389	40420	40405	1098.12700	1137.96371
1.516	1.831	35747	35836	35852	35844	41533	41449	41470	41459	1098.13699	1137.31183
GRADIENT		19956	19979	19931	19955	01009	01003	01017	01010	-02348	03594

RUN NO. 1413/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DPACAL	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
1.542	-8.032	-1.46113	-1.46330	-1.45921	-1.46125	-34494	-34557	-34502	-34530	1114.38000	1135.64503
1.542	-7.010	-1.25624	-1.25744	-1.25360	-1.25552	-33600	-33690	-33657	-33673	1115.92599	1135.40823
1.542	-6.026	-1.06105	-1.06339	-1.05873	-1.06106	-33311	-33403	-33379	-33391	1118.62700	1135.54330
1.542	-5.037	-86765	-86947	-86614	-86780	-32822	-32787	-32774	-32781	1119.16100	1135.05760
1.542	-4.058	-67197	-67274	-66968	-67121	-31438	-31303	-31290	-31296	1120.25000	1135.17235
1.542	-3.085	-45798	-45743	-45475	-45609	-27750	-27760	-27754	-27757	1121.31400	1135.15031
1.542	-2.130	-29345	-29430	-29176	-29303	-25825	-25745	-25735	-25740	1121.35800	1135.02684
1.542	-1.192	-16542	-16506	-16279	-16393	-25645	-25645	-25645	-25640	1120.87700	1135.17929
1.542	-.238	-03724	-03577	-03397	-03487	-26927	-26917	-26928	-26922	1121.28101	1135.48248
1.542	.765	10095	10021	10179	10100	28252	28230	28236	28233	1121.57300	1135.10869
1.542	1.828	24856	24876	25024	24950	29300	29213	29226	29219	1122.84000	1135.32014
GRADIENT		15166	15176	15148	15162	00148	00142	00138	00140	-30468	02969



IA310 (AEDC 16TF-783) FAIRING-OFF DATABASE

(UCMO34) ( 04 OCT 91 )

PARAMETRIC DATA

MACH	ALPHA	DPACAL	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
.600	-8.002	-7.3386	-7.3378	-7.3519	-0.7371	-0.7307	-0.7284	-0.7284	-0.7296	1563.11400	1597.25000
.599	-6.991	-6.4218	-6.4243	-6.4386	-0.7589	-0.7528	-0.7493	-0.7493	-0.7510	1570.89700	1596.31000
.600	-6.001	-5.5053	-5.5257	-5.5127	-0.7031	-0.7086	-0.7056	-0.7056	-0.7071	1577.94000	1596.81000
.600	-5.008	-4.5819	-4.5909	-4.5863	-0.7086	-0.6885	-0.6864	-0.6864	-0.6875	1583.85201	1597.00999
.600	-4.023	-3.6998	-3.7076	-3.6954	-0.7159	-0.7053	-0.7028	-0.7028	-0.7040	1588.18800	1597.44000
.600	-3.040	-2.7488	-2.7719	-2.7472	-0.7015	-0.6905	-0.6894	-0.6894	-0.6900	1591.72900	1596.81000
.601	-2.078	-1.8412	-1.8641	-1.8430	-0.6678	-0.6583	-0.6552	-0.6552	-0.6567	1593.95900	1596.91000
.600	-1.158	-1.0143	-1.0271	-1.0068	-0.6541	-0.6541	-0.6537	-0.6537	-0.6539	1595.35899	1596.71001
.601	-.265	-0.2190	-0.2250	-0.2084	-0.8373	-0.8394	-0.8373	-0.8373	-0.8384	1596.00101	1597.00000
.600	.783	.07053	.07003	.07160	.10562	.10417	.10419	.10419	.10418	1596.30701	1596.91000
.601	1.859	.16879	.16982	.17148	.11117	.10982	.10985	.10985	.10983	1596.11200	1596.94000
GRADIENT		.09109	.09149	.09132	.00772	.00765	.00770	.00770	.00767	1.27984	-.04451

BETA =

-1.000

PHI =

180.000

RUN NO. 1354/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

RUN NO. 1344/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DPACAL	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
.800	-7.965	-8.7462	-8.7630	-8.7357	-8.7494	-1.0652	-1.0421	-1.0386	-1.0404	1305.02901	1342.11000
.800	-6.981	-7.7076	-7.7186	-7.7060	-0.9872	-0.9697	-0.9667	-0.9667	-0.982	1313.34900	1342.33000
.800	-5.989	-6.5810	-6.6083	-6.5814	-0.9273	-0.9151	-0.9136	-0.9136	-0.9143	1321.13200	1341.95000
.800	-4.995	-5.4821	-5.5073	-5.4808	-0.8964	-0.8835	-0.8823	-0.8823	-0.8829	1327.07600	1341.92000
.800	-4.002	-4.3965	-4.4088	-4.3857	-0.9087	-0.8857	-0.8843	-0.8843	-0.8850	1332.08099	1341.88000
.801	-3.015	-3.2737	-3.2844	-3.2610	-0.9194	-0.9005	-0.8985	-0.8985	-0.8995	1335.85300	1342.13000
.800	-2.045	-2.2037	-2.2029	-2.1830	-0.8926	-0.8723	-0.8714	-0.8714	-0.8718	1338.49600	1342.06000
.800	-1.108	-1.1890	-1.1785	-1.1608	-0.8802	-0.8581	-0.8563	-0.8563	-0.8572	1340.08501	1342.02000
.800	-.186	-0.2059	-0.1927	-0.1753	-1.0629	-1.0448	-1.0447	-1.0447	-1.0447	1340.82401	1342.06000
.800	.847	.09271	.09245	.09318	.12300	.12091	.12091	.12091	.12091	1340.87700	1341.89999
.800	1.903	.20825	.20821	.20928	.12521	.12303	.12317	.12317	.12310	1341.12601	1342.06000
GRADIENT		.10956	.10993	.10971	.00552	.00546	.00549	.00549	.00548	1.93342	-.01021

RUN NO. 1332/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DPACAL	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
.900	-7.989	-9.0926	-9.1084	-9.0765	-9.0925	-1.0864	-1.0697	-1.0658	-1.0677	1236.47501	1273.11000
.900	-6.968	-7.9548	-7.9654	-7.9355	-0.99505	-0.9982	-0.9932	-0.9932	-0.9957	1244.34801	1272.75000
.900	-5.973	-6.8075	-6.8245	-6.7952	-0.9626	-0.9482	-0.9448	-0.9448	-0.9465	1252.09399	1273.19000
.900	-4.982	-5.6630	-5.6847	-5.6539	-0.9162	-0.9094	-0.9054	-0.9054	-0.9074	1258.45599	1273.07001
.900	-3.996	-4.5294	-4.5383	-4.5089	-0.9324	-0.9224	-0.9196	-0.9196	-0.9210	1263.32600	1273.11000
.900	-3.007	-3.3665	-3.3811	-3.3551	-0.9272	-0.9138	-0.9112	-0.9112	-0.9125	1267.21201	1273.12000
.900	-2.037	-2.2602	-2.2584	-2.2335	-0.9083	-0.8910	-0.8881	-0.8881	-0.8896	1269.75101	1272.96001
.900	-1.111	-1.2189	-1.2075	-1.1837	-0.8973	-0.8842	-0.8830	-0.8830	-0.8836	1271.18500	1273.00999
.900	-.199	-0.2146	-0.1982	-0.1778	-1.0717	-1.0717	-1.0714	-1.0714	-1.0715	1272.08200	1273.08000
.900	.834	.09571	.09539	.09735	.12484	.12484	.12484	.12484	.12484	1272.40800	1273.31000
.900	1.889	.21314	.21352	.21479	.12930	.12722	.12722	.12722	.12727	1272.28700	1272.95000
GRADIENT		.11336	.11373	.11349	.00586	.00570	.00575	.00575	.00573	1.93533	-.00076

(UCMO34) ( 04 OCT 91 )

IA310 (AEDC 16TF-783) FAIRING-OFF DATABASE

PARAMETRIC DATA

BETA = -1.000 PHI = 180.000

RUN NO. 1323/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DPACAL	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
1.099	-7.980	-.92106	-.92385	-.92106	-.92245	-.12519	-.12358	-.12320	-.12339	1168.90300	1204.93100
1.100	-6.950	-.80465	-.80671	-.80371	-.80521	-.11489	-.11371	-.11331	-.11351	1176.70500	1204.96201
1.100	-5.949	-.68859	-.69014	-.68720	-.68867	-.11394	-.11289	-.11265	-.11277	1184.47200	1204.62601
1.100	-4.954	-.57319	-.57458	-.57174	-.57316	-.10946	-.10863	-.10838	-.10851	1190.51801	1204.70000
1.100	-3.957	-.45546	-.45602	-.45328	-.45465	-.10977	-.10865	-.10832	-.10848	1195.22600	1204.56100
1.100	-2.963	-.33416	-.33618	-.33341	-.33480	-.10709	-.10649	-.10638	-.10643	1199.09801	1204.72000
1.100	-1.981	-.22170	-.22170	-.21941	-.22056	-.10290	-.10262	-.10253	-.10257	1201.78101	1204.77100
1.100	-1.020	-.11008	-.11162	-.10946	-.11054	-.10130	-.10081	-.10091	-.10086	1203.09100	1204.46201
1.100	-.051	-.00288	-.00286	-.00278	-.00282	-.10958	-.10936	-.10927	-.10931	1203.99400	1204.74200
1.100	.940	.10869	.10744	.10906	.10825	-.11448	-.11439	-.11448	-.11443	1204.02400	1204.57600
1.100	1.963	.22383	.22350	.22481	.22415	-.11323	-.11293	-.11306	-.11300	1204.11099	1204.70799
	GRADIENT	.11506	.11518	.11489	.11503	-.00067	-.00079	-.00085	-.00082	1.87808	-.00128

RUN NO. 1368/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DPACAL	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
1.250	-7.998	-1.00375	-1.01356	-1.00407	-1.00882	-.11250	-.11158	-.11137	-.11147	1145.62900	1183.13300
1.250	-6.973	-.87934	-.88734	-.87801	-.88267	-.10973	-.11019	-.10991	-.11005	1153.99001	1182.55901
1.250	-5.978	-.75385	-.76198	-.75290	-.75744	-.11224	-.11178	-.11152	-.11165	1161.92300	1182.59800
1.250	-4.986	-.62384	-.63220	-.62314	-.62768	-.10768	-.10681	-.10664	-.10672	1166.63600	1182.29100
1.250	-3.995	-.49927	-.50664	-.49782	-.50223	-.10396	-.10328	-.10298	-.10313	1171.07600	1182.07700
1.250	-3.005	-.37052	-.37736	-.36893	-.37314	-.10609	-.10411	-.10407	-.10409	1175.82201	1182.74500
1.250	-2.031	-.24715	-.25446	-.24623	-.25034	-.10463	-.10283	-.10274	-.10279	1178.66000	1182.59300
1.250	-1.091	-.13131	-.13748	-.13446	-.13356	-.10600	-.10392	-.10384	-.10388	1180.22501	1182.20300
1.250	-.153	-.01512	-.02154	-.01370	-.01762	-.12226	-.12074	-.12080	-.12077	1181.50800	1182.72600
1.250	.881	.11417	.10646	.11416	.11031	-.13680	-.13478	-.13492	-.13485	1181.53400	1182.65401
1.250	1.923	.24117	.23478	.24195	.23837	-.13952	-.13719	-.13754	-.13737	1181.03101	1182.21700
	GRADIENT	.12529	.12546	.12521	.12534	-.00532	-.00513	-.00520	-.00517	2.08142	-.02280

RUN NO. 1380/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DPACAL	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
1.400	-7.995	-1.14801	-1.15150	-1.14751	-1.14951	-.12443	-.12494	-.12437	-.12465	1125.85201	1164.29601
1.400	-6.970	-.100778	-.101129	-.100749	-.100939	-.12680	-.12679	-.12642	-.12660	1135.33299	1164.42900
1.400	-5.975	-.86370	-.86549	-.86206	-.86377	-.12199	-.12306	-.12265	-.12285	1142.59599	1164.30299
1.400	-4.984	-.72062	-.72286	-.71963	-.72124	-.12136	-.12207	-.12157	-.12182	1148.57201	1164.37500
1.400	-3.993	-.57473	-.57774	-.57475	-.57624	-.12193	-.12218	-.12172	-.12195	1153.61099	1163.83200
1.400	-3.001	-.42336	-.42568	-.42429	-.42429	-.11928	-.11904	-.11880	-.11892	1157.05701	1164.13200
1.399	-2.026	-.28318	-.28415	-.28164	-.28290	-.11923	-.11913	-.11880	-.11896	1159.60600	1164.49500
1.400	-1.080	-.15283	-.15186	-.14962	-.15074	-.12279	-.12266	-.12241	-.12254	1162.59599	1164.43500
1.400	-.137	-.01724	-.01617	-.01404	-.01510	-.13947	-.13935	-.13935	-.13935	1163.16400	1163.92000
1.399	.891	.13128	.13062	.13232	.13147	-.15581	-.15562	-.15547	-.15555	1163.61000	1164.34399
1.400	1.934	.27521	.27457	.27590	.27524	-.15774	-.15768	-.15745	-.15756	1161.72600	1164.00600
	GRADIENT	.14384	.14426	.14400	.14413	-.00593	-.00585	-.00590	-.00587	1.97583	-.00874

IA310 (AEDC 16TF-783) FAIRING-OFF DATABASE (UCM034) ( 04 OCT 91 )

## PARAMETRIC DATA

BETA = -1.000 PHI = 180.000

RUN NO. 1391/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DPACAL	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
1.450	-8.006	-1.21726	-1.21940	-1.21579	-1.21759	-1.2253	-1.2297	-1.2239	-1.2268	1119.38000	1158.85699
1.450	-6.983	-1.06851	-1.07235	-1.06787	-1.07011	-1.2309	-1.2260	-1.2220	-1.2240	1127.50999	1158.34801
1.450	-5.986	-0.91646	-0.92041	-0.91715	-0.91878	-1.2048	-1.1955	-1.1927	-1.1941	1134.46100	1158.48100
1.450	-5.002	-0.76657	-0.76940	-0.76635	-0.76788	-1.2199	-1.2149	-1.2101	-1.2125	1140.74001	1158.32600
1.450	-4.015	-0.61955	-0.62187	-0.61883	-0.62035	-1.1902	-1.1708	-1.1669	-1.1688	1147.70799	1158.18600
1.449	-3.031	-0.46014	-0.46022	-0.45761	-0.45891	-1.1701	-1.1485	-1.1456	-1.1470	1150.51601	1158.62199
1.450	-2.068	-0.30885	-0.31014	-0.30787	-0.30900	-1.1561	-1.1493	-1.1492	-1.1493	1152.63300	1158.30701
1.450	-1.145	-0.17291	-0.17418	-0.17226	-0.17322	-1.2000	-1.1959	-1.1940	-1.1950	1157.16499	1158.18100
1.450	-.249	-0.03231	-0.03308	-0.03130	-0.03219	-1.4909	-1.4843	-1.4846	-1.4844	1160.27901	1158.32300
1.450	.798	.13009	.12967	.13112	.13040	-1.7831	-1.7828	-1.7803	-1.7815	1157.98100	1158.60100
1.450	1.868	.28651	.28858	.28960	.28909	-1.8107	-1.8066	-1.8089	-1.8078	1154.69901	1158.04900
	GRADIENT	.15390	.15438	.15406	.15422	-0.01264	-0.01297	-0.01304	-0.01300	1.56985	-0.01679

RUN NO. 1436/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DPACAL	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
1.471	-8.006	-1.26747	-1.26987	-1.26613	-1.26800	-1.13175	-1.13149	-1.13100	-1.13125	1115.26601	1150.19846
1.471	-6.978	-1.11608	-1.11876	-1.11506	-1.11691	-1.3306	-1.3288	-1.3261	-1.3275	1125.43500	1150.38759
1.471	-5.986	-0.95331	-0.95772	-0.95417	-0.95595	-1.3078	-1.2937	-1.2898	-1.2918	1130.95500	1149.84615
1.471	-4.996	-0.79568	-0.79872	-0.79514	-0.79693	-1.2719	-1.2571	-1.2545	-1.2558	1135.98300	1149.61845
1.471	-4.009	-0.63754	-0.63890	-0.63564	-0.63727	-1.2000	-1.2017	-1.2007	-1.2012	1140.50500	1150.18811
1.471	-3.025	-0.47798	-0.47842	-0.47559	-0.47700	-1.1897	-1.1922	-1.1899	-1.1910	1144.34801	1150.22868
1.471	-2.059	-0.32163	-0.32241	-0.32000	-0.32120	-1.1728	-1.1705	-1.1697	-1.1701	1145.69200	1150.42264
1.470	-1.132	-0.17490	-0.17609	-0.17392	-0.17500	-1.1906	-1.1897	-1.1890	-1.1894	1146.01801	1150.22087
1.471	-.228	-0.03185	-0.03303	-0.03100	-0.03202	-1.4814	-1.4829	-1.4828	-1.4829	1146.19600	1149.39540
1.471	.818	.13372	.13301	.13460	.13381	-1.8035	-1.8053	-1.8063	-1.8058	1146.74699	1149.81128
1.471	1.885	.29969	.30155	.30265	.30210	-1.8900	-1.8947	-1.8941	-1.8944	1148.14700	1149.96426
	GRADIENT	.15937	.15980	.15946	.15963	-0.01013	-0.01029	-0.01033	-0.01031	1.49768	-0.02479

RUN NO. 1403/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DPACAL	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
1.495	-8.005	-1.31270	-1.31509	-1.31077	-1.31293	-1.14482	-1.14459	-1.14413	-1.14436	1120.48000	1146.61328
1.496	-6.983	-1.16752	-1.16853	-1.16472	-1.16662	-1.4353	-1.4286	-1.4236	-1.4261	1116.94200	1146.23807
1.495	-5.985	-1.00774	-1.01004	-1.00621	-1.00813	-1.3932	-1.3827	-1.3808	-1.3818	1126.29601	1146.47415
1.495	-4.995	-0.84688	-0.84674	-0.84325	-0.84499	-1.4109	-1.4021	-1.4004	-1.4013	1135.20000	1146.27025
1.496	-4.007	-0.68438	-0.68522	-0.68176	-0.68349	-1.3678	-1.3533	-1.3528	-1.3531	1139.60100	1146.34021
1.495	-3.027	-0.51535	-0.51595	-0.51286	-0.51440	-1.3212	-1.3129	-1.3124	-1.3127	1139.52400	1146.71063
1.496	-2.055	-0.35317	-0.35372	-0.35099	-0.35235	-1.3364	-1.3271	-1.3253	-1.3262	1139.49001	1146.88281
1.496	-1.125	-0.19738	-0.19752	-0.19509	-0.19631	-1.3680	-1.3624	-1.3595	-1.3610	1139.42700	1146.45465
1.496	-.215	-0.03811	-0.03803	-0.03595	-0.03699	-1.7009	-1.6843	-1.6847	-1.6845	1139.35899	1146.33481
1.496	.831	.14502	.14448	.14618	.14533	-1.9598	-1.9508	-1.9508	-1.9506	1139.21899	1146.89357
1.496	1.895	.32503	.32440	.32560	.32500	-2.0044	-1.9974	-1.9985	-1.9979	1139.13100	1146.34988
	GRADIENT	.17042	.17040	.17006	.17023	-0.01014	-0.01017	-0.01020	-0.01018	.30598	-0.02181

IA310 (AEDC 16TF-783) FAIRING-OFF DATABASE

(UCMO34) ( 04 OCT 91 )

PARAMETRIC DATA

BETA = -1.000 PHI = 180.000

RUN NO. 1426/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DPACAL	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
1.517	-8.000	-1.49377	-1.49710	-1.49311	-1.49510	-1.5331	-1.5317	-1.5248	-1.5283	1121.44000	1137.95160
1.517	-6.983	-1.35648	-1.35789	-1.35368	-1.35578	-1.5941	-1.5973	-1.5941	-1.5957	1121.36301	1137.88908
1.517	-5.985	-1.16985	-1.17100	-1.16720	-1.16910	-1.5843	-1.5929	-1.5870	-1.5900	1121.34000	1137.80367
1.517	-4.996	-98293	-98007	-98195	-98195	-15232	-15282	-15233	-15258	1121.34000	1137.80670
1.517	-4.008	-80738	-80797	-80457	-80627	-15567	-15571	-15547	-15559	1121.33600	1138.21190
1.516	-3.022	-59231	-59243	-58951	-59097	-15711	-15596	-15567	-15581	1121.33600	1138.23018
1.517	-2.055	-39918	-39911	-39646	-39778	-15698	-15545	-15521	-15533	1121.27901	1137.90190
1.517	-1.125	-21209	-21276	-21034	-21155	-14570	-14439	-14422	-14430	1121.26900	1137.57860
1.516	-.215	-.05378	-.05424	-.05240	-.05332	-.15448	-.15448	-.15448	-.15448	1121.21201	1138.53200
1.516	.830	.15419	.15377	.15547	.15462	-.19567	-.19501	-.19512	-.19506	1121.17799	1138.22075
1.517	1.895	.36398	.36299	.36420	.36360	-.21856	-.21777	-.21773	-.21775	1121.15500	1138.01035
	GRADIENT	.19614	.19612	.19575	.19594	-.00797	-.00788	-.00795	-.00792	-.03014	-.02428

RUN NO. 1414/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DPACAL	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
1.542	-8.004	-1.44975	-1.45195	-1.44781	-1.44988	-1.5403	-1.5359	-1.5293	-1.5326	1115.08900	1135.39183
1.542	-6.982	-1.24742	-1.24837	-1.24489	-1.24663	-1.4615	-1.4578	-1.4536	-1.4557	1116.79201	1135.29965
1.542	-5.990	-1.03066	-1.03307	-1.02931	-1.03119	-1.4667	-1.4578	-1.4551	-1.4564	1119.15401	1135.92316
1.543	-4.995	-83360	-83460	-83129	-83294	-14658	-14549	-14518	-14534	1119.35600	1135.79626
1.542	-4.008	-62778	-62853	-62530	-62691	-13502	-13361	-13332	-13347	1120.52100	1135.92363
1.543	-3.022	-42974	-42931	-42668	-42800	-11659	-11606	-11589	-11598	1121.73100	1136.03329
1.542	-2.055	-28393	-28464	-28224	-28344	-11154	-11111	-11094	-11103	1120.84700	1136.00893
1.542	-1.125	-15819	-15697	-15493	-15595	-10833	-10745	-10758	-10752	1121.34200	1136.13705
1.543	-.215	-.03638	-.03509	-.03305	-.03407	-13076	-13026	-13001	-13013	1121.68700	1136.19438
1.543	.829	.10397	.10320	.10480	.10400	-14906	-14849	-14843	-14846	1121.80200	1136.10962
1.554	1.896	.24912	.24878	.25018	.24948	-.15621	-.15536	-.15551	-.15544	1122.02699	1149.68013
	GRADIENT	.15336	.15346	.15318	.15332	-.00220	-.00227	-.00232	-.00229	.31140	1.23180

(UCM035) ( 04 OCT 91 )

PARAMETRIC DATA

BETA = .000 PHI = 180.000

RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DPACAL	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
.599	-7.963	-72546	-72805	-72533	-72669	-02321	-02279	-02304	-02291	1563.52200	1597.14000
.600	-6.956	-63597	-63839	-63572	-63705	-02326	-02332	-02353	-02342	1571.09300	1597.46001
.600	-5.955	-54385	-54592	-54333	-54462	-02285	-02334	-02366	-02350	1578.02600	1596.78000
.600	-4.953	-45308	-45398	-45129	-45264	-02259	-02323	-02359	-02341	1583.83701	1596.92000
.601	-3.951	-36306	-36368	-36122	-36245	-02159	-02228	-02271	-02250	1588.36501	1596.97000
.600	-2.948	-26713	-26963	-26759	-26861	-02171	-02257	-02286	-02272	1591.81799	1596.97000
.601	-1.942	-17308	-17457	-17257	-17357	-02453	-02374	-02396	-02385	1594.39400	1597.34000
.601	-.922	-07889	-08031	-07837	-07934	-02437	-02347	-02364	-02356	1595.77100	1597.39999
.600	.192	01656	01419	01592	01506	-.00600	-.00513	-.00506	-.00510	1596.11800	1596.89000
.600	.869	07317	07245	07402	07323	-.01554	-.01472	-.01467	-.01469	1596.32300	1597.00999
.600	2.006	17938	17999	18173	18086	-.02196	-.02068	-.02069	-.02069	1596.16901	1596.92999
.600	GRADIENT	09076	09088	09073	09081	-.00693	-.00687	-.00693	-.00690	1.69480	.00113

RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DPACAL	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
.800	-7.968	-87298	-87458	-87180	-87319	-01895	-01965	-02000	-01983	1305.13901	1342.25000
.800	-6.952	-76086	-76201	-75915	-76058	-02036	-01996	-02037	-02016	1313.87300	1342.11000
.800	-5.951	-64873	-65150	-64876	-65013	-02038	-02014	-02041	-02027	1321.02100	1341.94000
.800	-4.950	-54227	-54489	-54222	-54355	-02225	-02182	-02226	-02204	1327.57700	1342.06000
.800	-3.955	-43355	-43490	-43257	-43371	-02166	-02146	-02168	-02157	1332.25900	1342.03000
.800	-2.948	-32090	-32197	-31967	-32082	-01992	-02031	-02071	-02051	1336.16499	1341.92999
.800	-1.946	-21004	-20988	-20785	-20886	-01835	-01948	-01978	-01963	1338.97701	1341.91000
.800	-.933	-09997	-09881	-09700	-09790	-01881	-01994	-02015	-02004	1340.43500	1341.92999
.800	.019	00083	00061	00072	00067	-.01790	-.01520	-.01527	-.01524	1340.94200	1341.94000
.800	1.009	10475	10448	10575	10511	-.01938	-.01675	-.01691	-.01683	1341.07600	1342.00999
.800	2.003	21640	21664	21752	21708	-.01880	-.01586	-.01596	-.01591	1341.19000	1341.83000
.799	GRADIENT	10878	10919	10889	10904	-.00724	-.00670	-.00679	-.00674	1.86473	-.01996

RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DPACAL	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
.900	-7.958	-90271	-90434	-90132	-90283	-02250	-02257	-02319	-02288	1236.07899	1273.19000
.900	-6.932	-78694	-78735	-78440	-78588	-02155	-02179	-02224	-02202	1244.56300	1272.97000
.900	-5.938	-67293	-67436	-67125	-67280	-02362	-02288	-02321	-02304	1252.04401	1272.86000
.900	-4.939	-56026	-56232	-55930	-56081	-02486	-02411	-02463	-02437	1258.80499	1273.33000
.900	-3.940	-44776	-44844	-44556	-44700	-02409	-02345	-02409	-02377	1263.86700	1273.34000
.900	-2.935	-33008	-33120	-32846	-32983	-02335	-02263	-02288	-02276	1267.46001	1272.92000
.900	-1.929	-21541	-21529	-21279	-21404	-02053	-01990	-02028	-02009	1270.14799	1273.03999
.900	-.918	-10204	-10081	-09858	-09969	-02124	-02195	-02213	-02204	1271.75000	1273.14000
.900	GRADIENT	11427	11501	11481	11491	-.00107	-.00078	-.00088	-.00083	3.19879	-.06756

IA310 (AEDC 16TF-783) FAIRING-OFF DATABASE

(UCM035) ( 04 OCT 91 )

PARAMETRIC DATA

MACH	ALPHA	DPACAL	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
1.100	-7.946	-91216	-91495	-91195	-91345	.00024	.00158	.00189	.00174	1168.96500	1204.78999
1.100	-6.933	-79980	-80168	-79847	-80008	.00654	.00673	.00710	.00692	1177.25999	1204.61000
1.100	-5.936	-68533	-68694	-68422	-68558	.00603	.00589	.00669	.00629	1184.43401	1204.50600
1.100	-4.941	-57072	-57235	-56935	-57085	.00746	.00739	.00783	.00761	1190.59000	1204.64301
1.100	-3.935	-45281	-45396	-45142	-45269	.01047	.00901	.00934	.00917	1195.60001	1204.84200
1.100	-2.935	-33136	-33355	-33098	-33226	.00790	.00644	.00676	.00660	1199.25700	1204.72000
1.100	-1.940	-21554	-21720	-21497	-21608	.00707	.00558	.00658	.00608	1201.96700	1204.67500
1.100	-.936	-10393	-10550	-10326	-10438	.00907	.00748	.00753	.00751	1203.46500	1204.60500
1.100	.059	.00430	.00221	.00421	.00321	.00484	.00483	.00510	.00497	1203.97900	1204.46100
1.100	.985	.11007	.10869	.11028	.10949	.00146	.00151	.00140	.00146	1204.08600	1204.87300
1.100	2.007	.22635	.22604	.22724	.22664	.00013	.00088	.00069	.00078	1204.10600	1204.69901
	GRADIENT	.11432	.11442	.11419	.11430	.00141	.00121	.00129	.00125	1.84027	-.00396

BETA =

.000 PHI = 180.000

RUN NO. 1324/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

RUN NO. 1370/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DPACAL	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
1.250	-7.973	-99592	-99944	-99592	-99768	.01590	.01399	.01468	.01434	1145.69600	1182.80499
1.250	-6.948	-87128	-87424	-87105	-87264	.02153	.01985	.02042	.02014	1154.07700	1182.64999
1.250	-5.950	-74886	-75071	-74758	-74915	.01769	.01585	.01649	.01617	1161.86200	1182.42500
1.250	-4.947	-61995	-62181	-61881	-62031	.01943	.01925	.01987	.01956	1166.70200	1182.27499
1.250	-3.951	-49556	-49532	-49253	-49392	.02247	.02241	.02294	.02268	1171.37700	1182.27901
1.250	-2.948	-36442	-36478	-36423	-36355	.01872	.01894	.01937	.01915	1176.18700	1182.70900
1.250	-1.946	-24040	-24116	-23905	-24010	.01738	.01775	.01832	.01803	1179.31700	1182.70200
1.250	-.941	-11551	-11613	-11431	-11522	.01953	.01962	.02004	.01983	1180.66701	1182.31700
1.250	-.074	-.01039	-.01036	-.00846	-.00941	-.00647	-.00471	-.00444	-.00457	1180.69901	1182.54500
1.250	.987	.12215	.12101	.12262	.12181	.02094	.01891	.01882	.01886	1181.40100	1182.50101
1.250	2.026	.24983	.25008	.25140	.25074	.01509	.01306	.01290	.01298	1181.49500	1182.72000
1.249		.12468	.12479	.12455	.12467	.00637	.00600	.00608	.00604	2.02936	.04043

RUN NO. 1381/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DPACAL	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
1.400	-7.977	-113883	-114239	-113861	-114050	.02059	.02033	.02101	.02067	1126.51199	1164.11800
1.400	-6.948	-99859	-100110	-99743	-99927	.02792	.02702	.02772	.02737	1134.86700	1163.87601
1.400	-5.951	-85673	-85851	-85516	-85683	.02583	.02322	.02380	.02351	1142.43600	1164.54201
1.400	-4.954	-71522	-71732	-71407	-71570	.02622	.02395	.02454	.02424	1148.95900	1164.22600
1.400	-3.952	-56817	-57152	-56834	-56993	.02891	.02645	.02701	.02673	1153.96500	1164.02400
1.400	-2.954	-41555	-41770	-41502	-41636	.02498	.02459	.02505	.02482	1157.12300	1163.87300
1.401	-1.948	-27494	-27596	-27344	-27470	.02058	.02033	.02066	.02050	1160.07899	1164.43401
1.400	-.948	-13483	-13406	-13191	-13299	.02138	.02119	.02148	.02134	1163.21300	1164.18100
1.400	.055	.00720	.00657	.00869	.00763	.01194	.01010	.00997	.01003	1163.66000	1164.50000
1.399	1.005	.14129	.14058	.14227	.14143	.01636	.01469	.01458	.01463	1163.96201	1164.23399
1.400	2.022	.28486	.28430	.28562	.28496	.01662	.01500	.01479	.01490	1161.76801	1163.76100
	GRADIENT	.14295	.14332	.14304	.14318	.00760	.00694	.00702	.00698	1.94493	-.00668

IA310 (AEDC 16TF-783) FAIRING-OFF DATABASE

(UCM035) ( 04 OCT 91 )

PARAMETRIC DATA

BETA = .000 PHI = 180.000

MACH	ALPHA	RUN NO.	DPACAL	DPA1	DPACAL	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
1.450	-7.974	1392/ O	-1.20688	-1.20909	-1.20546	-1.20727	.03625	.03457	.03515	.03486	1119.59700	1158.25101	
1.450	-6.945		-1.05920	-1.06284	-1.05865	-1.06075	.03993	.03817	.03874	.03846	1127.61301	1158.34599	
1.450	-5.947		-1.06556	-1.01059	-1.07035	-1.08097	.03423	.03356	.03403	.03379	1134.18800	1158.08701	
1.449	-4.945		-1.75974	-1.76266	-1.75950	-1.76108	.03832	.03828	.03885	.03857	1140.98399	1158.34399	
1.450	-3.946		-1.60932	-1.61187	-1.60903	-1.61045	.04099	.04133	.04174	.04153	1147.92500	1158.29900	
1.450	-2.942		-1.44717	-1.44725	-1.44477	-1.44601	.03701	.03731	.03771	.03751	1150.44099	1158.48500	
1.450	-1.938		-1.29432	-1.29553	-1.29334	-1.29443	.03569	.03621	.03653	.03637	1153.89101	1158.76900	
1.450	-.920		-1.14207	-1.14338	-1.14143	-1.14241	.03909	.03943	.03988	.03966	1159.89101	1158.31200	
1.450	-.095		-1.01350	-1.01439	-1.01267	-1.01353	.02430	.02202	.02187	.02195	1157.72600	1158.26801	
1.450	.993		-1.15446	-1.15368	-1.15517	-1.15443	-.03657	-.03428	-.03425	-.03426	1160.25600	1158.41701	
1.449	2.018		-1.30273	-1.30449	-1.30547	-1.30498	-.03216	-.02988	-.02992	-.02990	1155.42799	1158.96899	
GRADIENT			.15312	.15360	.15330	.15345	-.01267	-.01229	-.01237	-.01233	2.29896	.04741	

RUN NO. 1437/ O RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	RUN NO.	DPACAL	DPA1	DPACAL	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
1.471	-7.972	1437/ O	-1.25827	-1.26129	-1.25751	-1.25940	.03145	.02925	.02992	.02959	1115.83099	1149.93031	
1.471	-6.943		-1.10704	-1.10993	-1.10611	-1.10802	.03723	.03687	.03747	.03717	1125.19400	1150.17250	
1.471	-5.951		-1.94538	-1.94974	-1.94625	-1.94799	.03826	.03780	.03825	.03802	1131.14999	1149.98090	
1.471	-4.948		-1.78727	-1.79030	-1.78713	-1.78871	.03884	.03877	.03939	.03908	1136.47099	1150.02011	
1.471	-3.946		-1.62852	-1.62975	-1.62675	-1.62825	.04090	.04067	.04111	.04089	1140.84801	1150.30211	
1.471	-2.942		-1.46644	-1.46648	-1.46365	-1.46507	.04146	.04160	.04178	.04169	1144.96001	1150.49596	
1.471	-1.944		-1.30400	-1.30528	-1.30283	-1.30405	.04064	.04085	.04113	.04099	1145.30600	1149.87360	
1.471	-.923		-1.14263	-1.14371	-1.14156	-1.14264	.04204	.04199	.04221	.04210	1145.93401	1149.70399	
1.471	-.078		-1.01250	-1.01323	-1.01143	-1.01233	-.02525	-.02352	-.02340	-.02346	1146.37399	1149.59647	
1.471	1.009		-1.15658	-1.15782	-1.15936	-1.15859	-.03564	-.03364	-.03376	-.03370	1146.69000	1149.91791	
1.471	2.019		-1.31329	-1.31503	-1.31609	-1.31556	-.03347	-.03167	-.03167	-.03167	1147.64500	1150.17294	
GRADIENT			.15817	.15870	.15840	.15855	-.01297	-.01263	-.01272	-.01267	1.35294	-.04401	

RUN NO. 1404/ O RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	RUN NO.	DPACAL	DPA1	DPACAL	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
1.496	-7.973	1404/ O	-1.30540	-1.30784	-1.30377	-1.30580	.02538	.02380	.02436	.02408	1116.21100	1146.50912	
1.496	-6.944		-1.16149	-1.16293	-1.15885	-1.16089	.03314	.03164	.03211	.03188	1116.12399	1146.60361	
1.496	-5.947		-1.00153	-1.00434	-1.00040	-1.00237	.03071	.02932	.02983	.02958	1129.23700	1146.77446	
1.496	-4.949		-1.83977	-1.84018	-1.83650	-1.83834	.03589	.03457	.03493	.03475	1135.63499	1146.88600	
1.496	-3.947		-1.67580	-1.67661	-1.67329	-1.67495	.03828	.03672	.03702	.03687	1135.54401	1146.85225	
1.496	-2.944		-1.50253	-1.50327	-1.50022	-1.50174	.03760	.03610	.03653	.03631	1135.46700	1146.70680	
1.496	-1.941		-1.33701	-1.33742	-1.33455	-1.33598	.03869	.03771	.03797	.03784	1135.45700	1146.34668	
1.496	-.935		-1.16753	-1.16708	-1.16463	-1.16585	.04113	.03990	.04001	.03995	1135.36900	1146.49501	
1.496	-.063		-1.01714	-1.01711	-1.01508	-1.01610	.02220	.02095	.02118	.02106	1134.24699	1146.45299	
1.496	1.124		-1.18451	-1.18442	-1.18619	-1.18531	.03226	.03086	.03097	.03092	1134.11200	1146.91838	
1.496	2.030		-1.34111	-1.34091	-1.34205	-1.34148	.04814	.04740	.04763	.04752	1134.10201	1147.05791	
GRADIENT			.16925	.16935	.16900	.16917	.00017	.00023	.00020	.00022	-.25712	.01175	

IA310 (AEDC 16TF-783) FAIRING-OFF DATABASE

(UCMO35) ( 04 OCT 91 )

PARAMETRIC DATA

BETA = .000 PHI = 180.000

RUN NO. 1427/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DPACAL	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
1.517	-7.973	-1.50128	-1.50454	-1.50039	-1.50246	.03895	.03749	.03825	.03787	1121.02000	1138.03149
1.517	-6.944	-1.36107	-1.36256	-1.35864	-1.36060	.04492	.04332	.04395	.04364	1121.03400	1138.07907
1.517	-5.948	-1.16717	-1.16855	-1.16478	-1.16667	.04168	.03952	.04038	.03995	1121.02000	1138.44084
1.518	-4.950	-98965	-99074	-98718	-98896	.04754	.04584	.04662	.04623	1120.93300	1138.31517
1.517	-3.948	-79864	-79988	-79612	-79800	.04935	.04877	.04921	.04899	1120.97600	1138.40346
1.518	-2.945	-57805	-57842	-57535	-57688	.04071	.04012	.04068	.04040	1120.91901	1138.13499
1.517	-1.942	-37501	-37558	-37297	-37427	.03674	.03603	.03653	.03628	1120.88600	1138.24561
1.517	-.928	-14019	-13996	-13810	-13903	.01829	.01898	.01937	.01918	1120.84200	1138.89798
1.517	-.115	-01499	-01365	-01175	-01270	.02189	.02149	.02127	.02138	1120.74100	1138.19295
1.517	.978	10794	10701	10875	10788	.02470	.02374	.02362	.02368	1120.63000	1138.96718
1.517	2.017	36566	36440	36542	36491	.02752	.02608	.02590	.02599	1120.59700	1138.59238
1.517	GRADIENT	19236	19243	19204	19223	.01320	.01279	.01287	.01283	-.05607	.05719

RUN NO. 1416/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DPACAL	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
1.543	-7.971	-1.44287	-1.44472	-1.44055	-1.44263	.06839	.06732	.06791	.06762	1117.46300	1135.96257
1.543	-6.949	-1.24369	-1.24431	-1.24073	-1.24252	.05283	.05178	.05248	.05213	1117.23399	1136.05180
1.543	-5.946	-1.00718	-1.00882	-1.00510	-1.00696	.04491	.04385	.04441	.04413	1117.25400	1135.88820
1.543	-4.944	-80951	-80948	-80603	-80775	.02923	.02802	.02865	.02833	1117.23000	1136.21326
1.543	-3.948	-60081	-60094	-59782	-59938	.03243	.03177	.03216	.03196	1117.25999	1135.90446
1.543	-2.945	-42106	-42092	-41814	-41953	.02592	.02397	.02413	.02405	1117.22701	1136.04268
1.543	-1.942	-27428	-27445	-27196	-27320	.02626	.02481	.02512	.02497	1117.20300	1136.00371
1.543	-.927	-13507	-13345	-13122	-13234	.02820	.02802	.02837	.02819	1117.12199	1135.67090
1.543	-.116	-01045	-00950	-00769	-00860	.02253	.02109	.02078	.02093	1116.94099	1136.49419
1.543	1.001	11752	11702	11890	11796	.02812	.02648	.02631	.02639	1116.91701	1136.03189
1.543	2.012	25558	25532	25646	25589	.01897	.01900	.01892	.01896	1116.91701	1136.05058
1.542	GRADIENT	14973	14973	14942	14957	.00935	.00897	.00903	.00900	-.05802	.00437



(UCM036) ( 04 OCT 91 )

PARAMETRIC DATA

BETA = .000 PHI = 180.000

RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DPACAL	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
.900	-7.958	-.90353	-.90559	-.90259	-.90409	.01747	.01766	.01823	.01795	1236.14500	1273.08000
.900	-6.937	-.78727	-.78829	-.78549	-.78689	.01804	.01870	.01907	.01889	1244.41701	1272.70000
.900	-5.938	-.67293	-.67453	-.67144	-.67299	.02265	.02232	.02276	.02254	1252.25000	1272.81000
.900	-4.934	-.56005	-.56252	-.55954	-.56103	.02320	.02270	.02308	.02289	1258.68600	1273.25999
.900	-3.935	-.44897	-.44795	-.44625	-.44761	.02450	.02394	.02420	.02407	1263.87801	1273.24001
.900	-2.935	-.32940	-.33103	-.32850	-.32976	.02079	.02051	.02060	.02056	1267.42500	1273.14999
.900	-1.929	-.21512	-.21532	-.21304	-.21418	.01963	.01948	.01976	.01962	1270.09900	1272.97000
.900	-.918	-.10239	-.10118	-.09901	-.10009	.02075	.02111	.02129	.02120	1271.62000	1273.00000
.900	.038	-.00061	.00096	.00128	.00112	-.01679	-.01452	-.01441	-.01446	1272.30299	1273.19000
.900	.980	.10586	.10492	.10652	.10572	-.02495	-.02271	-.02280	-.02276	1272.31300	1273.17999
.900	2.008	.22372	.22352	.22479	.22415	-.01890	-.01659	-.01671	-.01665	1272.28999	1272.95000
.900	GRADIENT	.11258	.11291	.11262	.11277	-.00783	-.00733	-.00739	-.00736	1.85368	-.02823

IA310 (AEDC 16TF-783) FAIRING-OFF DATABASE

(UCM037) ( 04 OCT 91 )

PARAMETRIC DATA

BETA = 1.000 PHI = 180.000

RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DPACAL	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
.599	-7.940	-.72306	-.72577	-.72313	-.72445	.11396	.11406	.11449	.11427	1562.69099	1597.08000
.600	-6.915	-.63250	-.63554	-.63294	-.63424	.11502	.11554	.11580	.11567	1570.61800	1596.95000
.599	-5.911	-.53953	-.54132	-.53876	-.54004	.11497	.11623	.11647	.11635	1577.22099	1596.86000
.600	-4.906	-.44634	-.44728	-.44484	-.44606	.11373	.11494	.11515	.11505	1583.40100	1596.83000
.600	-3.889	-.35607	-.35735	-.35502	-.35619	.11290	.11380	.11393	.11386	1587.86800	1596.86000
.600	-2.869	-.25921	-.26171	-.25964	-.26067	.11218	.11263	.11270	.11266	1591.57300	1596.92999
.601	-1.831	-.16385	-.16510	-.16329	-.16419	.10856	.10925	.10925	.10925	1594.15900	1596.64999
.601	.777	-.06856	-.06856	-.06670	-.06763	.10115	.10180	.10176	.10178	1595.63699	1597.17999
.601	.297	.02544	.02372	.02521	.02447	.08530	.08605	.08610	.08608	1596.20399	1597.39999
.600	1.188	.10484	.10525	.10552	.10588	.06893	.06971	.06976	.06973	1596.16100	1596.72000
.600	2.118	.18962	.19108	.19229	.19168	.07043	.07048	.07043	.07045	1596.30499	1597.00999
.600	GRADIENT	.09056	.09088	.09070	.09079	-.00720	-.00725	-.00728	-.00726	1.74066	-.03076

IA310 (AEDC 16TF-783) FAIRING-OFF DATABASE

(UCM037) ( 04 OCT 91 )

PARAMETRIC DATA

BETA = 1.000 PHI = 180.000

RUN NO. 1346/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DPACAL	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
.800	-7.940	-86651	-86834	-86551	-86693	-13359	-13416	-13456	-13436	1304.74300	1342.16000
.800	-6.922	-75837	-75976	-75689	-75832	-13053	-13081	-13126	-13103	1312.80499	1341.98000
.800	-5.920	-64552	-64820	-64549	-64684	-13109	-13098	-13130	-13114	1320.40601	1342.03999
.800	-4.914	-53534	-53724	-53502	-53613	-13186	-13164	-13195	-13180	1326.78799	1341.64000
.800	-3.906	-42587	-42723	-42494	-42608	-12892	-12921	-12947	-12934	1332.01801	1342.10001
.800	-2.889	-31350	-31474	-31264	-31369	-12491	-12515	-12551	-12533	1336.14900	1342.17000
.801	-1.867	-20172	-20198	-20007	-20103	-12177	-12208	-12241	-12224	1338.84599	1342.10001
.800	-.834	-.08932	-.08850	-.08668	-.08759	-11693	-11737	-11744	-11741	1340.93800	1341.98000
.800	-.218	.02046	.02012	.02175	.02094	.10541	.10635	.10630	.10633	1340.93800	1341.98000
.800	1.129	.11948	.11897	.12037	.11967	.09167	.09325	.09315	.09320	1341.10600	1341.91000
.800	2.084	.22433	.22455	.22534	.22495	.09310	.09378	.09392	.09385	1341.03900	1342.00999
	GRADIENT	.10837	.10864	.10845	.10855	-.00615	-.00597	-.00603	-.00600	1.91458	.00838

RUN NO. 1336/ O RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DPACAL	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
.900	-7.943	-89777	-89977	-89673	-89825	-13657	-13692	-13748	-13720	1235.64500	1273.09000
.900	-6.915	-78504	-78634	-78318	-78476	-13690	-13697	-13751	-13724	1243.44800	1272.83000
.900	-5.910	-66832	-67140	-66832	-66986	-13798	-13801	-13841	-13821	1251.00200	1272.91000
.900	-4.905	-55425	-55652	-55366	-55509	-13642	-13664	-13664	-13644	1258.07899	1273.03000
.900	-3.894	-44043	-44167	-43902	-44035	-13450	-13410	-13445	-13427	1263.25101	1273.22000
.901	-2.879	-32458	-32522	-32271	-32396	-13034	-13050	-13087	-13068	1267.25800	1273.19000
.900	-1.852	-20889	-20872	-20644	-20758	-12628	-12628	-12650	-12639	1269.92200	1272.88000
.900	-.819	-.09236	-.09122	-.08926	-.09024	-12157	-12168	-12207	-12187	1271.43300	1273.02000
.900	.231	.02041	.02047	.02222	.02135	.10969	.10993	.10986	.10989	1271.91400	1272.83000
.900	1.141	.12316	.12202	.12361	.12282	.09648	.09674	.09698	.09686	1271.84300	1272.70000
.900	2.095	.23146	.23145	.23271	.23208	.09650	.09718	.09730	.09724	1272.04401	1272.97000
	GRADIENT	.11200	.11224	.11201	.11212	-.00632	-.00621	-.00626	-.00624	1.85763	-.04718

RUN NO. 1325/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DPACAL	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
1.100	-7.949	-91022	-91327	-91015	-91171	-12454	-12343	-12418	-12380	1168.26900	1204.91400
1.100	-6.926	-79537	-79781	-79490	-79635	-12395	-12358	-12411	-12385	1176.02299	1204.69400
1.100	-5.948	-68408	-68585	-68286	-68430	-12114	-12113	-12157	-12135	1183.65601	1204.59700
1.100	-4.924	-56522	-56696	-56411	-56554	-12299	-12217	-12263	-12240	1189.68800	1204.73599
1.100	-3.925	-44983	-45052	-44787	-44920	-12240	-12170	-12187	-12179	1194.80299	1204.49200
1.100	-2.919	-33032	-33236	-32974	-33105	-11916	-11782	-11819	-11800	1198.99699	1204.80400
1.100	-1.912	-21476	-21652	-21401	-21526	-11449	-11422	-11449	-11435	1201.55901	1204.66901
1.100	-.917	-10136	-10300	-10093	-10197	-11401	-11209	-11246	-11228	1203.19099	1204.68800
1.100	.089	.00689	.00684	.00684	.00581	.11431	.11282	.11300	.11291	1203.92700	1204.77000
1.100	1.052	.11579	.11385	.11558	.11472	.11170	.10973	.10992	.10983	1204.00400	1204.56400
1.100	2.026	.22767	.22697	.22823	.22760	.11136	.11130	.11136	.11133	1203.99001	1204.68500
	GRADIENT	.11375	.11376	.11355	.11366	-.00174	-.00183	-.00187	-.00185	1.95090	-.00087

(UCMO37) ( 04 OCT 91 )

## PARAMETRIC DATA

BETA = 1.000 PHI = 180.000

RUN NO. 1371/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DPACAL	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
1.250	-7.949	-99045	-99391	-99034	-99213	-14489	-14413	-14485	-14449	1144.48000	1182.35699
1.250	-6.928	-86751	-86945	-86605	-86775	-14830	-14669	-14733	-14701	1153.21100	1182.77400
1.250	-5.920	-74346	-74540	-74228	-74384	-14528	-14457	-14518	-14487	1161.70900	1182.96700
1.250	-4.923	-61247	-61460	-61172	-61316	-14482	-14415	-14470	-14443	1166.49899	1182.39700
1.250	-3.909	-48732	-48733	-48454	-48593	-14557	-14488	-14550	-14519	1171.18401	1182.19701
1.250	-2.895	-35752	-35797	-35627	-35712	-13986	-13982	-14029	-14006	1175.43600	1182.23900
1.250	-1.882	-23219	-23303	-23074	-23188	-13562	-13580	-13607	-13594	1178.51300	1182.47501
1.250	-.860	-10646	-10732	-10521	-10626	-13216	-13247	-13276	-13261	1180.98100	1182.74400
1.250	.186	.02057	.01921	.02095	.02008	-12426	-12447	-12483	-12465	1181.17900	1182.24001
1.250	1.122	.13649	.13531	.13676	.13604	-11261	-11301	-11321	-11311	1181.48801	1182.63499
1.250	2.079	.25437	.25471	.25576	.25523	-11026	-11069	-11090	-11080	1181.41701	1182.80099
1.250	GRADIENT	.12373	.12383	.12360	.12372	-.00540	-.00523	-.00529	-.00526	2.08869	.06210

RUN NO. 1382/ O RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DPACAL	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
1.399	-7.955	-113257	-113614	-113227	-113420	-17109	-16992	-17060	-17026	1125.68500	1164.38699
1.400	-6.930	-99398	-99651	-99284	-99468	-17180	-17063	-17136	-17099	1134.26100	1163.89500
1.400	-5.923	-85022	-85221	-84856	-85039	-16933	-16846	-16912	-16879	1141.77299	1164.21600
1.400	-4.921	-70621	-70894	-70551	-70722	-16811	-16725	-16785	-16755	1148.33400	1164.50301
1.400	-3.914	-55993	-56300	-56004	-56152	-16851	-16767	-16834	-16801	1153.97800	1164.44000
1.400	-2.905	-40910	-41115	-40842	-40979	-16119	-16038	-16083	-16060	1157.27000	1163.85899
1.400	-1.890	-26534	-26662	-26423	-26543	-15577	-15482	-15519	-15500	1159.49100	1164.14900
1.400	-.870	-12592	-12519	-12296	-12407	-15351	-15289	-15314	-15302	1162.64101	1164.40500
1.400	.172	.01976	.01927	.02132	.02029	-14449	-14362	-14391	-14376	1163.49400	1163.89200
1.400	1.117	.15520	.15442	.15590	.15516	-13196	-13136	-13181	-13159	1163.30299	1164.31400
1.400	2.073	.29064	.28996	.29126	.29061	-12752	-12695	-12737	-12716	1162.35201	1164.58200
1.400	GRADIENT	.14200	.14239	.14210	.14225	-.00614	-.00610	-.00614	-.00612	1.98296	.00239

RUN NO. 1394/ O RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DPACAL	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
1.450	-7.943	-120242	-120474	-120097	-120285	-18994	-18969	-19050	-19009	1118.75400	1158.65199
1.450	-6.906	-105443	-105821	-105455	-105638	-19455	-19424	-19491	-19457	1127.35500	1158.53700
1.450	-5.901	-89972	-90383	-90051	-90217	-19016	-18966	-19035	-19001	1134.29700	1158.44800
1.450	-4.896	-75000	-75214	-74905	-75059	-18921	-18909	-18976	-18943	1140.31100	1158.40601
1.450	-3.882	-59885	-60123	-59833	-59978	-19235	-19262	-19317	-19290	1147.72099	1158.46700
1.450	-2.864	-43612	-43652	-43386	-43518	-18428	-18399	-18444	-18444	1150.73500	1158.41200
1.450	-1.834	-27789	-27935	-27700	-27818	-17792	-17767	-17833	-17800	1152.48199	1158.27499
1.450	-.781	-12405	-12540	-12341	-12441	-17563	-17524	-17568	-17546	1157.20799	1158.32001
1.450	.281	.03891	.03634	.03798	.03716	-15412	-15358	-15375	-15366	1160.62199	1158.26100
1.450	1.175	.17705	.17634	.17812	.17723	-13089	-13101	-13116	-13109	1157.95799	1158.12900
1.450	2.113	.31278	.31445	.31545	.31495	-12233	-12293	-12320	-12306	1154.86700	1158.47701
1.450	GRADIENT	.15204	.15237	.15209	.15223	-.01018	-.01014	-.01023	-.01018	2.23706	-.01942

## IA310 (AEDC 16TF-783) FAIRING-OFF DATABASE

(UCM037) ( 04 OCT 91 )

## PARAMETRIC DATA

BETA = 1.000 PHI = 180.000

RUN NO. 1438/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DPACAL	DPA1	DPAA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
1.471	-7.882	-1.24418	-1.24663	-1.24335	-1.24499	.19923	.19881	.19943	.19912	1115.16000	1150.10518
1.471	-6.913	-1.10244	-1.10514	-1.10131	-1.10323	.19939	.19890	.19945	.19917	1124.86900	1150.26605
1.471	-5.908	-.93762	-.94208	-.93854	-.94031	.19891	.19894	.19930	.19912	1130.94901	1150.32173
1.471	-4.903	-.77763	-.78069	-.77745	-.77907	.19736	.19689	.19741	.19715	1136.22301	1149.77440
1.471	-3.888	-.61791	-.61942	-.61644	-.61793	.19641	.19616	.19676	.19646	1140.11000	1149.53970
1.471	-2.871	-.45494	-.45509	-.45225	-.45367	.19466	.19455	.19495	.19475	1144.45700	1149.97777
1.471	-1.843	-.28905	-.29066	-.28807	-.28936	.18885	.18891	.18914	.18903	1146.02200	1149.95706
1.471	-.800	-.12442	-.12558	-.12360	-.12459	.18072	.18008	.18040	.18024	1146.18401	1149.73938
1.471	.260	.04337	.04090	.04272	.04181	.15668	.15596	.15624	.15610	1146.82201	1150.05962
1.471	1.159	.17904	.18005	.18207	.18106	.13392	.13328	.13362	.13345	1146.62399	1149.94026
1.471	2.104	.32662	.32848	.32963	.32906	.12656	.12569	.12578	.12573	1147.94400	1149.66922
	GRADIENT	.15788	.15835	.15807	.15821	-.01093	-.01102	-.01107	-.01104	1.44485	.01609

RUN NO. 1405/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DPACAL	DPA1	DPAA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
1.496	-7.947	-1.30191	-1.30424	-1.30012	-1.30218	.19455	.19397	.19454	.19426	1113.85899	1146.96243
1.496	-6.916	-1.15637	-1.15786	-1.15362	-1.15574	.20253	.20157	.20234	.20195	1113.83600	1146.85594
1.496	-5.906	-.99458	-.99732	-.99325	-.99528	.20225	.20168	.20223	.20195	1127.74600	1146.69571
1.496	-4.902	-.83017	-.83046	-.82674	-.82860	.20167	.20119	.20182	.20151	1127.66901	1146.59869
1.496	-3.892	-.66305	-.66416	-.66075	-.66246	.20756	.20691	.20733	.20712	1127.61099	1146.62418
1.496	-2.878	-.48990	-.49068	-.48770	-.48919	.20362	.20296	.20348	.20322	1132.74200	1147.25587
1.496	-1.852	-.31974	-.32048	-.31750	-.31899	.20111	.20031	.20068	.20049	1144.04401	1146.68967
1.496	-.814	-.14701	-.14647	-.14432	-.14539	.19507	.19461	.19506	.19484	1143.96700	1146.54037
1.496	.247	.03857	.03739	.03945	.03842	.17254	.17175	.17209	.17192	1143.89000	1146.40886
1.496	1.157	.19606	.19592	.19752	.19672	.15172	.15049	.15067	.15058	1143.83600	1147.17148
1.496	2.104	.35167	.35138	.35170	.35154	.14112	.13982	.14010	.13996	1143.71600	1146.77446
	GRADIENT	.16914	.16920	.16877	.16899	-.00943	-.00953	-.00958	-.00955	2.69443	.01401

RUN NO. 1428/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DPACAL	DPA1	DPAA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
1.517	-7.947	-1.50782	-1.51114	-1.50570	-1.50892	.23216	.23127	.23214	.23170	1116.96201	1138.89478
1.518	-6.916	-1.36145	-1.36300	-1.35879	-1.36089	.23744	.23772	.23853	.23813	1116.97200	1138.71097
1.517	-5.913	-1.16246	-1.16396	-1.16002	-1.16199	.23928	.23814	.23928	.23863	1116.98199	1138.84438
1.518	-4.902	-.98268	-.98402	-.97997	-.98200	.24201	.24119	.24202	.24160	1116.90500	1138.47078
1.518	-3.893	-.78436	-.78496	-.78158	-.78327	.25286	.25164	.25220	.25192	1116.90500	1138.99974
1.517	-2.908	-.56507	-.56602	-.56294	-.56448	.23320	.23273	.23332	.23303	1116.89500	1139.40086
1.518	-1.853	-.36210	-.36206	-.35938	-.36072	.21724	.21681	.21732	.21707	1116.88499	1138.72177
1.518	-.808	-.15461	-.15478	-.15250	-.15364	.18187	.18074	.18120	.18097	1116.81799	1138.59059
1.518	.246	.00777	.00741	.00946	.00843	.11226	.11188	.11226	.11207	1116.77400	1139.41757
1.518	1.157	.17153	.17081	.17286	.17184	.13837	.13726	.13756	.13741	1116.78400	1139.14392
1.518	2.102	.36781	.36626	.36784	.36690	.15403	.15325	.15338	.15331	1116.73000	1138.98862
	GRADIENT	.19061	.19061	.19026	.19044	-.01887	-.01886	-.01894	-.01890	-.02669	.05046

IA310 (AEDC 16TF-783) FAIRING-OFF DATABASE (UCMO37) ( 04 OCT 91 )

## PARAMETRIC DATA

BETA = 1.000 PHI = 180.000

RUN NO. 1417/ O RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DPACAL	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
1.543	-7.946	-1.44092	-1.44295	-1.43893	-1.44094	.23282	.23183	.23255	.23219	1115.88901	1136.25792
1.543	-6.915	-1.22759	-1.22827	-1.22429	-1.22628	.23098	.23017	.23084	.23051	1115.85600	1136.29724
1.543	-5.911	-1.00236	-1.00423	-1.00049	-1.00236	.21561	.21462	.21530	.21496	1115.86600	1136.25497
1.542	-4.907	-.79358	-.79441	-.79086	-.79264	.19818	.19770	.19814	.19792	1115.82201	1135.97372
1.554	-3.893	-.59261	-.59319	-.58989	-.59154	.18544	.18452	.18550	.18501	1115.82201	1149.77284
1.554	-2.878	-.42023	-.41972	-.41688	-.41830	.16012	.15903	.15941	.15922	1115.81200	1149.79994
1.554	-1.847	-.26506	-.26592	-.26329	-.26461	.15059	.14967	.15021	.14994	1115.75500	1149.53284
1.543	-.811	-.12557	-.12459	-.12247	-.12353	.14200	.14148	.14162	.14155	1115.71100	1136.25536
1.543	.246	.01438	.01427	.01630	.01528	.12964	.12876	.12901	.12888	1115.69099	1136.32574
1.554	1.160	.13306	.13242	.13405	.13323	.11666	.11588	.11626	.11607	1115.60100	1149.62347
1.554	2.101	.26427	.26410	.26518	.26464	.11683	.11639	.11676	.11657	1115.62399	1149.70070
	GRADIENT	.14734	.14739	.14705	.14722	-.01198	-.01196	-.01201	-.01198	-.03419	.45944

IA310 (AEDC 16TF-783) FAIRING-OFF DATABASE

(UCMO38) ( 04 OCT 91 )

## PARAMETRIC DATA

BETA = 2.000 PHI = 180.000

RUN NO. 1358/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DPACAL	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
.599	-7.904	-.72431	-.72719	-.72446	-.72583	.21196	.21307	.21333	.21320	1561.63200	1596.96001
.599	-6.881	-.63011	-.63298	-.63025	-.63161	.21015	.21080	.21111	.21096	1569.24800	1596.74001
.600	-5.867	-.53680	-.53862	-.53609	-.53735	.20860	.20985	.21019	.21002	1576.07600	1597.03999
.600	-4.858	-.44287	-.44406	-.44159	-.44282	.20506	.20664	.20696	.20680	1582.13200	1596.84000
.600	-3.840	-.35252	-.35391	-.35150	-.35270	.20481	.20583	.20610	.20596	1586.71300	1597.00999
.600	-2.811	-.25686	-.25910	-.25688	-.25799	.20083	.20242	.20252	.20247	1590.56500	1597.25000
.601	-1.776	-.15971	-.16095	-.15910	-.16003	.19438	.19544	.19550	.19547	1593.36400	1597.41000
.601	-.745	-.06591	-.06662	-.06484	-.06573	.18673	.18800	.18803	.18801	1594.80800	1597.00999
.600	.265	.02335	.02170	.02323	.02346	.17652	.17717	.17720	.17718	1595.60400	1597.22000
.600	1.223	.10844	.10808	.10940	.10874	.16971	.17022	.17015	.17018	1595.98300	1596.78000
.600	2.191	.19477	.19637	.19742	.19659	.16507	.16597	.16595	.16596	1595.85201	1596.92999
	GRADIENT	.09072	.09103	.09083	.09093	-.00630	-.00642	-.00647	-.00645	1.88116	-.01123

(UCM038) ( 04 OCT 91 )

PARAMETRIC DATA

BETA = 2.000 PHI = 180.000

RUN NO. 1347/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DPACAL	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
.800	-7.919	-86736	-86935	-86660	-86798	24719	24807	24853	24830	1302.53700	1342.03000
.800	-6.895	-75726	-75888	-75593	-75740	24627	24752	24794	24773	1311.17900	1342.46001
.800	-5.889	-64517	-64800	-64540	-64670	24242	24341	24381	24361	1318.77400	1342.10001
.800	-4.881	-53277	-53446	-53207	-53326	23967	24053	24105	24079	1325.44400	1342.02000
.801	-3.865	-42293	-42408	-42175	-42291	23825	23921	23957	23939	1330.66000	1341.98000
.800	-2.851	-31006	-31185	-30965	-31075	23438	23565	23588	23577	1334.98300	1341.95000
.800	-1.828	-19931	-19957	-19738	-19848	22668	22787	22806	22797	1337.92799	1341.92999
.800	-1.810	-08979	-08874	-08723	-08799	21973	22103	22122	22112	1339.61800	1342.05000
.800	.191	.01695	.01661	.01825	.01743	21198	21321	21340	21330	1340.47099	1342.16000
.800	1.155	12121	12092	12223	12157	20734	20865	20877	20871	1340.61900	1341.89000
.799	2.140	22937	22932	23034	22983	20365	20510	20515	20512	1340.75400	1341.95000
GRADIENT		10838	10864	10844	10854	-00570	-00563	-00568	-00566	2.08269	-00208

RUN NO. 1337/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DPACAL	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
.900	-7.896	-89485	-89634	-89350	-89492	26668	26652	26731	26691	1234.07899	1273.16000
.900	-6.892	-78319	-78507	-78205	-78356	25407	25478	25533	25506	1241.93900	1272.75999
.900	-5.884	-66885	-67044	-66749	-66896	25171	25226	25275	25251	1249.73199	1272.86000
.900	-4.866	-55172	-55356	-55073	-55214	24872	24953	24999	24976	1256.41600	1273.06000
.900	-3.856	-43809	-43930	-43667	-43799	24692	24760	24792	24776	1262.02499	1273.31000
.900	-2.837	-32165	-32224	-31963	-32093	24239	24303	24364	24333	1266.19000	1273.14999
.900	-1.812	-20578	-20558	-20343	-20450	23472	23583	23608	23595	1269.05499	1272.92999
.900	-.794	-09236	-09137	-08943	-09040	22777	22858	22906	22882	1270.55600	1272.75999
.900	.206	.01755	.01751	.01944	.01848	21949	22072	22094	22083	1271.27100	1272.83000
.900	1.169	12639	12599	12748	12674	21476	21581	21613	21597	1271.70799	1272.85000
.900	2.144	23671	23639	23763	23701	21024	21168	21189	21179	1271.86600	1272.78999
GRADIENT		11231	11252	11229	11241	-00600	-00590	-00594	-00592	2.06297	-06334

RUN NO. 1326/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DPACAL	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
1.099	-7.940	-91056	-91353	-91043	-91198	24576	24548	24624	24586	1166.70900	1204.93500
1.100	-6.917	-79719	-79919	-79599	-79759	24347	24327	24385	24356	1174.59100	1204.72501
1.101	-5.915	-68232	-68414	-68119	-68266	23994	23952	24006	23979	1182.03300	1204.61200
1.100	-4.909	-56621	-56740	-56441	-56590	23725	23700	23748	23724	1188.44800	1204.79401
1.100	-3.914	-45096	-45149	-44875	-45012	23625	23594	23638	23616	1193.87399	1204.62199
1.100	-2.910	-33125	-33326	-33074	-33200	23211	23214	23254	23234	1197.95799	1204.52800
1.100	-1.907	-21595	-21795	-21527	-21661	22635	22637	22677	22657	1201.09100	1204.74200
1.100	-.921	-10311	-10464	-10249	-10357	22337	22324	22354	22339	1202.56900	1204.63000
1.100	.066	.00489	.00276	.00451	.00363	22320	22324	22341	22332	1203.30400	1204.57201
1.100	1.035	11510	11346	11515	11430	22515	22509	22526	22518	1203.60600	1204.76601
1.100	2.039	22794	22842	22977	22909	22593	22628	22645	22637	1203.64999	1204.62601
GRADIENT		11418	11426	11402	11414	-00198	-00191	-00197	-00194	2.07563	-00531

(UCMO38) ( 04 OCT 91 )

PARAMETRIC DATA

BETA = 2.000 PHI = 180.000

RUN NO. 1372/ O RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DPACAL	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
1.249	-7.933	-99053	-99380	-99028	-99204	27788	27728	27811	27769	1142.92200	1182.90700
1.250	-6.901	-86730	-86910	-86564	-86737	27656	27732	27802	27767	1151.50400	1182.95000
1.250	-5.895	-74217	-74450	-74122	-74286	27387	27357	27401	27379	1159.58600	1182.56200
1.251	-4.885	-61110	-61301	-61003	-61152	26974	26957	27044	27001	1165.08099	1182.30600
1.251	-3.881	-48396	-48571	-48290	-48430	26803	26831	26874	26853	1169.63600	1182.16400
1.251	-2.865	-35536	-35667	-35424	-35546	26514	26440	26501	26471	1174.32500	1182.45399
1.250	-1.850	-22834	-22959	-22722	-22840	25698	25630	25694	25662	1177.54500	1182.38499
1.250	-.841	-10563	-10600	-10390	-10495	25085	25102	25149	25126	1179.59100	1182.50000
1.250	.160	.01672	.01515	.01692	.01603	24655	24647	24680	24663	1180.64200	1182.80800
1.249	1.132	.13687	.13544	.13699	.13622	24324	24335	24355	24345	1180.97099	1182.82600
1.250	2.124	.25998	.25947	.26048	.25997	23689	23668	23705	23686	1180.74899	1182.80701
GRADIENT		.12397	.12411	.12384	.12398	-.00494	-.00492	-.00499	-.00495	2.23015	.09492

RUN NO. 1383/ O RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DPACAL	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
1.400	-7.936	-1.13035	-1.13404	-1.13013	-1.13208	.32590	.32448	.32526	.32487	1123.78200	1164.36501
1.400	-6.910	-.99202	-.99496	-.99126	-.99311	.32156	.32099	.32164	.32132	1132.92400	1164.33000
1.400	-5.900	-.84966	-.85155	-.84790	-.84973	.31579	.31677	.31734	.31705	1140.37900	1164.22099
1.400	-4.897	-.70308	-.70528	-.70212	-.70370	.31007	.31105	.31183	.31144	1146.24400	1163.80701
1.400	-3.883	-.55847	-.56195	-.55886	-.56041	.31064	.31034	.31116	.31075	1152.34801	1164.38800
1.400	-2.875	-.40730	-.40962	-.40671	-.40817	.30660	.30626	.30676	.30651	1156.95000	1164.58400
1.400	-1.860	-.26014	-.26180	-.25928	-.26054	.29573	.29530	.29591	.29561	1159.14400	1164.29100
1.400	-.854	-.12211	-.12168	-.11937	-.12052	.28396	.28357	.28398	.28378	1161.46201	1164.08501
1.400	.146	.01785	.01712	.01918	.01815	.28865	.28850	.28913	.28881	1160.21899	1163.83400
1.399	1.119	.15577	.15427	.15584	.15505	.28077	.28070	.28106	.28088	1161.77400	1164.31900
1.400	2.113	.29619	.29569	.29695	.29632	.27260	.27290	.27300	.27295	1162.33501	1164.41100
GRADIENT		.14236	.14270	.14242	.14256	-.00578	-.00582	-.00591	-.00587	2.07714	.02275

RUN NO. 1395/ O RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DPACAL	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
1.449	-7.907	-1.19776	-1.20032	-1.19647	-1.19839	.35423	.35474	.35571	.35522	1117.06100	1158.61200
1.449	-6.875	-1.04840	-1.05218	-1.04870	-1.05044	.35242	.35315	.35386	.35350	1125.73900	1158.80000
1.450	-5.863	-.89664	-.90090	-.89763	-.89926	.34661	.34639	.34718	.34679	1132.69400	1158.68201
1.450	-4.848	-.74188	-.74428	-.74122	-.74275	.34204	.34131	.34197	.34164	1138.78500	1158.24800
1.450	-3.831	-.59271	-.59486	-.59184	-.59335	.34332	.34241	.34305	.34273	1145.91701	1158.45599
1.450	-2.807	-.43071	-.43096	-.42831	-.42963	.33806	.33713	.33775	.33744	1150.52000	1158.24699
1.450	-1.777	-.26925	-.27076	-.26966	-.26966	.32548	.32514	.32565	.32539	1151.45100	1158.14700
1.450	-.748	-.11679	-.11817	-.11619	-.11718	.31584	.31538	.31574	.31556	1153.57700	1158.63600
1.450	.258	.03321	.03206	.03394	.03300	.30276	.30299	.30326	.30312	1155.13600	1158.70200
1.450	1.219	.17723	.17639	.17823	.17731	.29287	.29267	.29329	.29298	1154.57500	1158.13000
1.450	2.188	.32336	.32519	.32609	.32564	.27963	.27924	.27951	.27937	1154.39700	1158.37199
GRADIENT		.15169	.15209	.15181	.15195	-.00948	-.00937	-.00942	-.00940	1.99973	.01342

IA310 (AEDC 16TF-783) FAIRING-OFF DATABASE

(UCMO38) ( 04 OCT 91 )

PARAMETRIC DATA

BETA = 2.000 PHI = 180.000

RUN NO. 1439/ O RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DPACAL	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
1.471	-7.914	-1.24662	-1.24890	-1.24555	-1.24722	.36419	.36331	.36310	.36320	1112.95300	1149.99469
1.471	-6.874	-1.09690	-1.09994	-1.09629	-1.09811	.36355	.36214	.36185	.36199	1122.97400	1149.57213
1.471	-5.871	-0.93403	-0.93845	-0.93461	-0.93653	.36048	.35938	.35905	.35921	1129.50500	1149.94379
1.471	-4.859	-0.77374	-0.77673	-0.77352	-0.77513	.35373	.35248	.35265	.35257	1134.82300	1149.53438
1.471	-3.843	-0.61302	-0.61458	-0.61148	-0.61303	.35342	.35231	.35272	.35251	1139.91901	1149.34056
1.471	-2.823	-0.44601	-0.44646	-0.44379	-0.44513	.34931	.34831	.34899	.34865	1143.36900	1149.64380
1.471	-1.794	-0.28232	-0.28352	-0.28115	-0.28233	.34201	.34146	.34182	.34164	1146.67101	1149.73744
1.471	-0.767	-0.12057	-0.12209	-0.11984	-0.12097	.32882	.32839	.32888	.32863	1147.05400	1149.63411
1.471	.237	.03696	.03460	.03642	.03551	.31357	.31339	.31366	.31352	1147.12100	1149.66817
1.471	1.199	.18274	.18446	.18602	.18524	.30414	.30391	.30431	.30411	1147.90700	1149.27727
1.471	2.176	.33580	.33783	.33886	.33835	.29142	.29141	.29148	.29145	1148.96201	1149.72163
	GRADIENT	.15777	.15831	.15801	.15816	-.00947	-.00928	-.00930	-.00929	1.78470	.01161

RUN NO. 1406/ O RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DPACAL	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
1.496	-7.918	-1.29553	-1.29827	-1.29406	-1.29617	.36673	.36596	.36589	.36593	1112.40500	1147.24260
1.496	-6.885	-1.14674	-1.14851	-1.14429	-1.14640	.37534	.37389	.37464	.37426	1112.33800	1146.81964
1.496	-5.877	-0.99008	-0.99266	-0.98894	-0.99080	.37256	.37119	.37188	.37154	1128.01900	1146.76312
1.496	-4.860	-0.82125	-0.82138	-0.81781	-0.81960	.36806	.36691	.36721	.36706	1127.98500	1146.63100
1.496	-3.851	-0.65392	-0.65323	-0.65182	-0.65353	.36866	.36753	.36813	.36783	1127.94200	1146.52422
1.496	-2.829	-0.47850	-0.47914	-0.47628	-0.47771	.36826	.36722	.36779	.36750	1143.22900	1146.95619
1.496	-1.803	-0.30838	-0.30902	-0.30614	-0.30758	.36254	.36227	.36178	.36203	1144.92200	1147.09935
1.496	-0.781	-0.13782	-0.13742	-0.13507	-0.13624	.35416	.35357	.35399	.35378	1144.81100	1146.83182
1.496	.222	.03271	.03149	.03358	.03253	.34154	.34157	.34171	.34164	1144.71400	1146.88390
1.496	1.186	.19590	.19563	.19730	.19647	.33060	.33048	.33067	.33058	1144.64700	1146.87140
1.496	2.167	.35880	.35805	.35850	.35828	.31603	.31606	.31628	.31617	1144.59300	1146.65729
	GRADIENT	.16811	.16811	.16772	.16791	-.00758	-.00739	-.00743	-.00741	2.42792	.01747

RUN NO. 1429/ O RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DPACAL	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
1.518	-7.914	-1.49009	-1.49366	-1.48965	-1.49165	.43123	.42997	.43099	.43048	1116.61000	1139.26045
1.518	-6.885	-1.35301	-1.35401	-1.35238	-1.35238	.43755	.43642	.43754	.43698	1116.60001	1138.87982
1.518	-5.877	-1.15797	-1.15946	-1.15528	-1.15737	.43917	.43808	.43903	.43855	1116.61000	1138.85132
1.518	-4.862	-0.96821	-0.96959	-0.96598	-0.96779	.43636	.43414	.43502	.43458	1116.59000	1140.05820
1.518	-3.851	-0.77260	-0.77312	-0.76972	-0.77142	.44790	.44559	.44633	.44596	1116.52299	1139.80472
1.519	-2.830	-0.55163	-0.55289	-0.54981	-0.55135	.42985	.42783	.42843	.42813	1116.53300	1139.40964
1.518	-1.803	-0.35731	-0.35740	-0.35545	-0.35643	.40500	.40258	.40317	.40288	1116.55600	1139.34918
1.517	-0.783	-0.15921	-0.15921	-0.15681	-0.15801	.37393	.37121	.37179	.37150	1116.48900	1140.36201
1.517	.224	.02274	.02258	.02437	.02348	.34600	.34471	.34509	.34490	1116.45900	1139.55066
1.518	1.185	.19351	.19269	.19425	.19347	.34615	.34497	.34535	.34516	1116.42599	1138.87846
1.518	2.165	.38948	.38829	.38935	.38882	.35016	.34891	.34910	.34900	1116.41600	1139.15044
	GRADIENT	.19230	.19235	.19199	.19217	-.01653	-.01636	-.01645	-.01640	-.02354	-.11218



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IA310 (AEDC 16TF-783) FAIRING-OFF DATABASE

PARAMETRIC DATA

BETA = 2.000 PHI = 180.000

RUN NO. 1418/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DPACAL	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
1.543	-7.916	-1.44035	-1.44269	-1.43860	-1.44065	.42798	.42520	.42613	.42566	1117.57600	1136.20831
1.542	-6.884	-1.22164	-1.22259	-1.21844	-1.22051	.41211	.40956	.41030	.40993	1117.53300	1136.37798
1.543	-5.876	-1.01440	-1.01658	-1.01283	-1.01470	.40220	.39935	.40026	.39981	1117.49899	1136.19771
1.543	-4.865	-80413	-80474	-80120	-80297	.37202	.37022	.37102	.37062	1117.53300	1136.22226
1.543	-3.851	-60973	-61053	-60719	-60886	.34286	.34186	.34244	.34215	1117.46600	1136.88402
1.543	-2.829	-43128	-43109	-42820	-42964	.31159	.31116	.31170	.31143	1117.46600	1136.86208
1.543	-1.804	-27371	-27429	-27184	-27306	.28475	.28481	.28549	.28515	1117.41200	1137.09329
1.543	-780	-13154	-13034	-12828	-12931	.27357	.27359	.27376	.27367	1117.42200	1136.55627
1.543	.223	.00367	.00324	.00525	.00425	.26349	.26341	.26361	.26351	1117.33501	1136.48883
1.543	1.187	.13415	.13367	.13533	.13450	.26206	.26186	.26222	.26204	1117.31100	1136.50125
1.543	2.165	.27404	.27407	.27556	.27481	.26231	.26305	.26327	.26316	1117.33501	1136.84912
1.542	GRADIENT	.15040	.15047	.15016	.15032	-.01576	-.01549	-.01557	-.01553	-.03011	.00966

IA310 (AEDC 16TF-783) FAIRING-OFF DATABASE

(UCMO39) ( 04 OCT 91 )

PARAMETRIC DATA

BETA = 3.000 PHI = 180.000

RUN NO. 1359/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DPACAL	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
.600	-7.870	-72306	-72603	-72343	-72473	.30678	.30832	.30868	.30850	1559.12700	1597.17999
.600	-6.847	-62907	-63171	-62903	-63037	.30474	.30600	.30642	.30621	1566.58701	1596.63000
.600	-5.836	-53587	-53740	-53515	-53627	.30313	.30427	.30474	.30451	1573.59700	1596.66000
.601	-4.820	-43930	-44042	-43791	-43917	.30065	.30160	.30177	.30168	1579.82500	1596.99001
.601	-3.798	-34692	-34909	-34679	-34794	.29574	.29707	.29722	.29715	1585.02100	1597.39000
.601	-2.772	-25407	-25592	-25378	-25485	.29241	.29378	.29395	.29386	1588.88300	1596.78000
.600	-1.746	-16034	-16165	-15957	-16061	.28472	.28591	.28622	.28606	1591.77200	1596.78000
.601	-.728	-.06626	-.06702	-.06539	-.06621	.27775	.27891	.27913	.27902	1593.57600	1596.89999
.601	.283	.02449	.02284	.02447	.02365	.26946	.27113	.27110	.27111	1594.68401	1597.03000
.601	1.256	.11123	.11054	.11184	.11119	.26383	.26581	.26586	.26584	1594.69400	1597.24001
.601	2.230	.19980	.20144	.20255	.20199	.26318	.26318	.26321	.26320	1594.84200	1597.35001
.601	GRADIENT	.09073	.09106	.09086	.09096	-.00603	-.00590	-.00592	-.00591	2.04454	.06658

IA310 (AEDC 16TF-783) FAIRING-OFF DATABASE

(UCMO39) ( 04 OCT 91 )

PARAMETRIC DATA

BETA = 3.000 PHI = 180.000

RUN NO. 1348/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DPACAL	DPA1	DP2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
.800	-7.894	-86781	-86957	-86697	-86827	-36320	-36320	-36288	.36304	1299.94800	1342.12000
.800	-6.871	-75479	-75693	-75424	-75559	-35704	-35763	-35812	.35787	1308.22400	1342.06000
.800	-5.863	-64545	-64745	-64481	-64613	-35402	-35540	-35575	.35557	1316.07001	1342.24001
.800	-4.855	-53082	-53262	-53012	-53137	-35156	-35266	-35314	.35290	1323.03700	1342.17000
.800	-3.840	-41930	-42066	-41814	-41940	-34706	-34802	-34838	.34820	1328.45500	1342.17999
.800	-2.821	-30993	-31095	-30860	-30977	-34373	-34401	-34401	.34387	1332.87801	1341.87000
.800	-1.811	-19827	-19847	-19648	-19748	-33699	-33828	-33851	.33840	1336.17999	1341.84000
.800	-.799	-08995	-08889	-08749	-08819	-32893	-32975	-32995	.32995	1338.23199	1341.94000
.800	.208	.01784	.01795	.01964	.01879	-32276	-32378	-32400	.32389	1339.25000	1341.92999
.800	1.184	.12620	.12507	.12611	.12559	-31858	-31992	-32008	.32000	1339.67599	1342.00999
.800	2.163	.23433	.23424	.23526	.23475	-31645	-31746	-31762	.31754	1339.65300	1342.02000
	GRADIENT	.10878	.10899	.10875	.10887	-.00541	-.00540	-.00544	-.00542	2.30181	-.01948

RUN NO. 1338/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DPACAL	DPA1	DP2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
.900	-7.891	-89593	-89888	-89581	-89734	-37787	-37648	-37742	.37695	1231.29500	1273.28000
.900	-6.864	-78145	-78308	-78017	-78163	-37000	-36908	-36960	.36934	1239.19800	1272.64999
.900	-5.856	-66799	-67000	-66714	-66857	-36707	-36680	-36738	.36709	1246.74600	1272.83000
.900	-4.840	-55069	-55198	-54917	-55058	-36393	-36499	-36477	.36488	1254.04800	1273.11000
.900	-3.827	-43388	-43508	-43242	-43375	-36097	-36183	-36139	.36161	1259.93600	1273.09000
.900	-2.811	-31994	-32042	-31798	-31920	-35537	-35673	-35706	.35689	1264.23500	1273.00000
.900	-1.792	-20403	-20446	-20202	-20324	-35047	-35047	-35066	.35057	1267.38300	1272.99001
.900	-.782	-09186	-09045	-08867	-08956	-34045	-34137	-34159	.34148	1269.17300	1272.63000
.900	.223	.02041	.01990	.02179	.02085	-33454	-33520	-33548	.33534	1270.08000	1272.92999
.900	1.198	.13118	.13082	.13227	.13155	-32972	-33090	-33106	.33098	1270.83200	1272.99001
.900	2.177	.24336	.24320	.24459	.24390	-32755	-32813	-32837	.32825	1270.50999	1272.78000
	GRADIENT	.11281	.11298	.11276	.11287	-.00572	-.00577	-.00570	-.00573	2.24770	-.04022

RUN NO. 1327/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DPACAL	DPA1	DP2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
1.099	-7.937	-91338	-91655	-91343	-91499	-36241	-36198	-36161	.36179	1163.82600	1205.05701
1.100	-6.912	-79656	-79882	-79563	-79722	-36142	-36035	-36014	.36024	1172.13100	1205.04401
1.100	-5.909	-68358	-68569	-68266	-68418	-35877	-35739	-35790	.35764	1179.61700	1204.85400
1.100	-4.904	-56633	-56808	-56511	-56660	-35537	-35494	-35527	.35510	1186.23300	1204.61400
1.100	-3.904	-45026	-45092	-44813	-44952	-35257	-35235	-35275	.35255	1191.75101	1204.61501
1.100	-2.917	-33495	-33684	-33427	-33555	-34691	-34745	-34799	.34772	1196.06000	1204.74300
1.100	-1.896	-21507	-21577	-21518	-21639	-34447	-34508	-34539	.34523	1199.18300	1204.75200
1.100	-.924	-10358	-10530	-10305	-10418	-33821	-33874	-33914	.33894	1201.25101	1204.86700
1.100	.079	.00781	.00495	.00679	.00587	-33685	-33739	-33770	.33754	1202.32500	1204.80701
1.100	1.067	.11905	.11736	.11902	.11819	-33821	-33914	-33935	.33925	1202.68100	1204.80200
1.100	2.057	.23272	.23316	.23386	.23386	-33969	-34062	-34062	.34048	1202.50000	1204.66901
	GRADIENT	.11468	.11477	.11455	.11466	-.00261	-.00245	-.00247	-.00246	2.26875	-.01950

PARAMETRIC DATA

BETA = 3.000 PHI = 180.000

MACH	ALPHA	DPACAL	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
1.249	-7.914	-.99222	-.99487	-.99141	-.99314	.40508	.40483	.40563	.40523	1140.31200	1182.74899
1.250	-6.882	-.86318	-.86514	-.86187	-.86350	.40631	.40625	.40705	.40665	1148.63000	1183.05000
1.250	-5.876	-.74071	-.74266	-.73936	-.74101	.40253	.40236	.40315	.40275	1156.61099	1182.56000
1.250	-4.869	-.61056	-.61292	-.60999	-.61145	.39893	.39776	.39848	.39812	1163.42599	1182.31500
1.250	-3.858	-.48112	-.48299	-.48027	-.48163	.39280	.39107	.39171	.39139	1167.66800	1182.16299
1.250	-2.845	-.35419	-.35532	-.35281	-.35406	.38842	.38913	.38913	.38878	1171.87300	1182.18401
1.250	-1.834	-.22631	-.22753	-.22538	-.22645	.38389	.38228	.38293	.38260	1175.76900	1182.57500
1.250	-.828	-.10335	-.10293	-.10108	-.10201	.37558	.37391	.37442	.37417	1178.30901	1182.80000
1.250	.177	.02051	.01868	.02057	.01962	.36948	.36812	.36848	.36830	1179.05800	1182.47301
1.250	1.157	.14260	.14084	.14246	.14165	.36670	.36594	.36555	.36574	1179.46700	1182.69800
1.250	2.146	.26650	.26540	.26657	.26598	.36537	.36461	.36428	.36445	1179.38600	1182.53200
	GRADIENT	.12469	.12479	.12456	.12468	-.00517	-.00507	-.00523	-.00515	2.31703	.06288

MACH	ALPHA	DPACAL	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
1.400	-7.924	-1.13082	-1.13452	-1.13079	-1.13266	.46885	.46626	.46726	.46676	1120.82201	1164.68600
1.400	-6.889	-.98972	-.99268	-.98881	-.99074	.46632	.46542	.46642	.46592	1130.34000	1164.51700
1.400	-5.884	-.84782	-.84998	-.84649	-.84823	.46219	.46218	.46304	.46261	1137.90900	1163.99600
1.400	-4.877	-.70055	-.70312	-.69985	-.70148	.45550	.45557	.45617	.45587	1144.16701	1164.06599
1.400	-3.871	-.55476	-.55799	-.55476	-.55638	.45298	.45325	.45325	.45354	1150.35899	1164.43900
1.400	-2.858	-.40885	-.41102	-.40825	-.40964	.44822	.44773	.44835	.44804	1155.12900	1163.96100
1.400	-1.846	-.26038	-.26252	-.25998	-.26125	.44275	.44068	.44120	.44094	1157.99800	1164.26300
1.400	-.842	-.11832	-.11791	-.11572	-.11681	.43183	.42984	.43039	.43011	1160.03400	1164.28500
1.400	.162	.02393	.02355	.02557	.02456	.42663	.42511	.42561	.42536	1161.08900	1164.35300
1.399	1.144	.16449	.16261	.16438	.16350	.42329	.42133	.42193	.42163	1161.22301	1163.98900
1.400	2.136	.30687	.30598	.30724	.30661	.42249	.42105	.42150	.42127	1161.49200	1164.05200
	GRADIENT	.14352	.14384	.14356	.14370	-.00541	-.00570	-.00572	-.00571	2.32571	-.01350

MACH	ALPHA	DPACAL	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
1.449	-7.881	-1.20000	-1.20227	-1.19850	-1.20038	.50933	.50883	.50971	.50927	1115.24600	1159.60001
1.452	-6.841	-1.04707	-1.05040	-1.04699	-1.04870	.50598	.50477	.50564	.50520	1121.93800	1157.74200
1.450	-5.831	-.89471	-.89792	-.89447	-.89620	.50379	.50247	.50314	.50280	1130.30701	1158.41499
1.450	-4.816	-.73808	-.73999	-.73705	-.73852	.49426	.49251	.49315	.49283	1136.60600	1158.24300
1.450	-3.797	-.58560	-.58755	-.58453	-.58604	.49330	.49136	.49192	.49164	1143.56599	1160.01100
1.450	-2.771	-.43153	-.43185	-.42920	-.43053	.49160	.48957	.49022	.48989	1150.95399	1160.29300
1.450	-1.750	-.27042	-.27182	-.26957	-.27069	.47994	.47927	.47981	.47954	1153.13699	1159.29601
1.450	-.735	-.11430	-.11475	-.11270	-.11373	.46709	.46507	.46549	.46528	1153.25500	1158.46100
1.450	.274	.03772	.03695	.03858	.03776	.45546	.45387	.45401	.45394	1153.24500	1157.92101
1.450	1.248	.18530	.18554	.18679	.18616	.44897	.44718	.44742	.44730	1154.37399	1158.52499
1.449	2.224	.33514	.33689	.33775	.33732	.44809	.44629	.44674	.44651	1155.91600	1158.75800
	GRADIENT	.15275	.15318	.15286	.15302	-.00786	-.00786	-.00792	-.00789	2.32635	-.13941

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PARAMETRIC DATA

MACH	ALPHA	DPACAL	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
1.471	-7.885	-1.24216	-1.24479	-1.24134	-1.24307	.52478	.52323	.52412	.52367	1109.93700	1149.44637
1.471	-6.853	-1.09134	-1.09367	-1.08976	-1.09171	.52401	.52253	.52319	.52286	1119.94800	1149.55322
1.471	-5.839	-.93220	-.93664	-.93301	-.93482	.51974	.51705	.51774	.51739	1128.09200	1149.69687
1.471	-4.824	-.76974	-.77310	-.76975	-.77142	.51495	.51232	.51302	.51267	1133.46600	1149.88011
1.471	-3.813	-.60795	-.60952	-.60627	-.60790	.50965	.50914	.50960	.50937	1138.34700	1149.65514
1.471	-2.791	-.44250	-.44302	-.44029	-.44166	.50399	.50348	.50404	.50376	1142.63699	1149.86867
1.471	-1.767	-.27983	-.28126	-.27880	-.28003	.49611	.49562	.49592	.49577	1145.10300	1150.06223
1.471	-.755	-.11752	-.11870	-.11663	-.11767	.48647	.48583	.48632	.48608	1147.25301	1149.54166
1.470	.256	.04115	.04044	.04236	.04140	.47431	.47375	.47402	.47389	1147.72301	1149.19890
1.471	1.229	.19202	.19390	.19538	.19464	.46588	.46520	.46571	.46546	1148.61000	1149.50450
1.471	2.209	.34586	.34773	.34765	.34769	.45914	.45866	.45918	.45892	1148.47600	1149.55237
	GRADIENT	.15867	.15930	.15888	.15909	-.00837	-.00820	-.00822	-.00821	2.06055	-.06609

BETA = 3.000 PHI = 180.000

GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DPACAL	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
1.496	-7.892	-1.29068	-1.29338	-1.28895	-1.29117	.53577	.53333	.53407	.53370	1109.77901	1146.37593
1.496	-6.856	-1.13565	-1.13793	-1.13387	-1.13590	.53989	.53761	.53878	.53820	1111.23300	1146.31993
1.496	-5.845	-.98217	-.98504	-.98125	-.98314	.54649	.54398	.54522	.54460	1126.35400	1146.34998
1.496	-4.833	-.81700	-.81734	-.81378	-.81556	.53965	.53715	.53835	.53775	1132.71700	1146.73354
1.496	-3.821	-.64582	-.64726	-.64377	-.64552	.53465	.53238	.53314	.53276	1132.71700	1147.10947
1.496	-2.798	-.47620	-.47699	-.47393	-.47546	.53592	.53368	.53432	.53400	1132.64999	1146.85968
1.495	-1.781	-.30336	-.30411	-.30133	-.30272	.52681	.52681	.52737	.52709	1132.59599	1146.79532
1.496	-.768	-.13131	-.13021	-.12804	-.12912	.52024	.51804	.51845	.51825	1132.52901	1146.76369
1.496	.241	.03905	.03798	.03994	.03896	.51122	.50943	.50986	.50964	1132.49600	1146.97725
1.496	1.216	.20383	.20349	.20519	.20434	.50332	.50068	.50105	.50086	1132.38800	1146.97676
1.496	2.194	.36975	.36778	.36910	.36844	.49571	.49403	.49435	.49419	1132.38800	1146.88522
	GRADIENT	.16891	.16886	.16852	.16869	-.00652	-.00640	-.00651	-.00646	-.05219	-.00845

GRADIENT INTERVAL = -5.00/ 5.00

GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DPACAL	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
1.517	-7.894	-1.47893	-1.48212	-1.47788	-1.48000	.61776	.61602	.61720	.61661	1116.29500	1140.07521
1.518	-6.856	-1.33739	-1.33882	-1.33477	-1.33679	.63232	.63113	.63194	.63153	1116.26100	1139.63368
1.518	-5.846	-1.15816	-1.15985	-1.15584	-1.15784	.63158	.63002	.63073	.63038	1116.34801	1139.23157
1.518	-4.834	-.95386	-.95494	-.95114	-.95304	.62998	.62863	.62929	.62896	1116.26100	1139.40790
1.518	-3.816	-.76130	-.76209	-.75885	-.76047	.63848	.63692	.63754	.63723	1116.24699	1139.59082
1.518	-2.798	-.55163	-.55212	-.54923	-.55068	.63191	.63038	.63090	.63064	1116.21800	1139.89610
1.517	-.767	-.15264	-.15195	-.14970	-.15083	.60121	.59980	.60053	.60017	1116.25101	1139.03156
1.518	.238	.02999	.02980	.03170	.03075	.55624	.55445	.55509	.55477	1116.17400	1139.03357
1.517	1.216	.21446	.21356	.21495	.21425	.54410	.54212	.54307	.54259	1116.12000	1139.62953
1.517	2.194	.40953	.40824	.40933	.40879	.55071	.54875	.54921	.54898	1116.12000	1139.62434
	GRADIENT	.19365	.19367	.19329	.19348	-.01527	-.01536	-.01535	-.01535	-.02070	-.01280

IA310 (AEDC 16TF-783) TABULATED DATA  
 IA310 (AEDC 16TF-783) FAIRING-OFF DATABASE

PARAMETRIC DATA

BETA = 3.000 PHI = 180.000

RUN NO. 1420/ O RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DPACAL	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
1.543	-7.891	-1.46610	-1.46412	-1.46622	.61601	.61403	.61509	.61509	.61456	1116.73399	1136.61165
1.543	-6.859	-1.23329	-1.23413	-1.23211	.59120	.58942	.59011	.59011	.58976	1117.29601	1136.65379
1.543	-5.844	-1.03519	-1.03744	-1.03553	.58725	.58533	.58619	.58619	.58576	1117.46400	1136.50108
1.543	-4.834	-1.81946	-1.81798	-1.81980	.55414	.55242	.55323	.55323	.55282	1117.52100	1136.55745
1.543	-3.820	-1.62994	-1.63050	-1.62885	.51754	.51515	.51572	.51572	.51543	1117.45399	1136.71153
1.543	-2.798	-1.44843	-1.44878	-1.44736	.47700	.47455	.47516	.47516	.47485	1117.41000	1136.57123
1.543	-1.780	-1.28495	-1.28577	-1.28440	.44430	.44309	.44374	.44374	.44342	1117.37601	1136.74828
1.543	-1.767	-1.13744	-1.13812	-1.13699	.42399	.42374	.42402	.42402	.42388	1117.36600	1136.69772
1.543	.240	.00438	.00258	.00363	.41313	.41296	.41338	.41338	.41317	1117.30299	1136.70642
1.543	1.215	.14172	.14104	.14184	.41518	.41479	.41529	.41529	.41504	1117.27901	1136.79443
1.543	2.193	.28940	.29075	.29150	.42636	.42451	.42483	.42483	.42467	1117.24600	1136.22522
GRADIENT		.15541	.15533	.15548	-.01923	-.01903	-.01908	-.01908	-.01905	-.03707	-.01799

IA310 (AEDC 16TF-783) FAIRING-OFF DATABASE

PARAMETRIC DATA

BETA = 4.000 PHI = 180.000

RUN NO. 1360/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DPACAL	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
.599	-7.846	-1.72307	-1.72584	-1.72320	-.72452	.40089	.40173	.40204	.40189	1555.60100	1596.73000
.600	-6.821	-1.62624	-1.62882	-1.62614	-.62748	.39674	.39712	.39754	.39733	1563.64200	1597.06000
.600	-5.807	-1.53276	-1.53462	-1.53215	-.53338	.39604	.39566	.39605	.39585	1570.45100	1596.96001
.600	-4.791	-1.43814	-1.43985	-1.43755	-.43870	.39233	.39201	.39252	.39226	1576.71500	1596.81000
.600	-3.770	-1.34304	-1.34525	-1.34305	-.34415	.38623	.38633	.38661	.38647	1582.18100	1597.03000
.601	-2.748	-1.25063	-1.25231	-1.25021	-.25126	.38228	.38271	.38293	.38282	1586.21100	1596.72000
.601	-1.729	-1.15853	-1.15942	-1.15752	-.15847	.37465	.37511	.37552	.37531	1589.39200	1597.56000
.600	-.717	-.06595	-.06698	-.06524	-.06611	.36991	.37082	.37117	.37100	1591.35300	1596.87000
.600	.292	.02480	.02383	.02528	.02455	.36472	.36620	.36557	.36589	1592.48500	1596.62000
.600	1.274	.11492	.11416	.11556	.11486	.36110	.36033	.36072	.36072	1592.73000	1596.95000
.601	2.252	.20513	.20564	.20667	.20615	.35479	.35644	.35654	.35649	1592.73399	1597.53000
GRADIENT		.09110	.09139	.09121	.09130	-.00538	-.00507	-.00519	-.00513	2.20027	-.04271

IA310 (AEDC 16TF-783) FAIRING-OFF DATABASE

(UCMO40) ( 04 OCT 91 )

PARAMETRIC DATA

BETA = 4.000 PHI = 180.000

RUN NO. 1349/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DPACAL	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
.800	-7.878	-.86524	-.86762	-.86515	-.86638	.47793	.47737	.47817	.47777	1295.85699	1341.97000
.799	-6.856	-.75264	-.75479	-.75210	-.75344	.46340	.46886	.46949	.46918	1304.64700	1342.03000
.800	-5.842	-.64406	-.64605	-.64342	-.64473	.46643	.46668	.46731	.46699	1312.40601	1341.77000
.800	-4.833	-.53127	-.53286	-.53044	-.53165	.46101	.46137	.46193	.46165	1319.49300	1342.13000
.800	-3.822	-.41802	-.41943	-.41819	-.41819	.45640	.45698	.45736	.45717	1325.63000	1341.95000
.800	-2.809	-.30558	-.30667	-.30441	-.30554	.45256	.45298	.45320	.45309	1330.39999	1342.22000
.800	-1.795	-.19738	-.19760	-.19543	-.19652	.44710	.44659	.44691	.44675	1333.50301	1341.94000
.800	-.792	-.08728	-.08630	-.08454	-.08542	.44170	.44135	.44165	.44150	1335.84399	1341.97000
.800	.216	.02356	.02278	.02442	.02360	.43653	.43629	.43663	.43646	1337.03300	1341.78999
.800	1.200	.13028	.12959	.13094	.13027	.43228	.43178	.43202	.43190	1337.50400	1342.17000
.800	2.182	.23993	.23988	.24081	.24035	.42943	.42902	.42929	.42916	1337.43700	1341.95000
GRADIENT		.10959	.10979	.10957	.10968	-.00469	-.00484	-.00487	-.00485	2.46376	-.01697

RUN NO. 1339/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DPACAL	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
.900	-7.870	-.89572	-.89920	-.89632	-.89776	.49420	.49317	.49379	.49348	1227.27100	1273.23000
.899	-6.842	-.77882	-.78061	-.77760	-.77911	.48820	.48689	.48754	.48722	1235.89999	1272.95000
.900	-5.832	-.66612	-.66803	-.66496	-.66650	.48489	.48413	.48485	.48449	1243.41400	1272.88000
.900	-4.818	-.55092	-.55216	-.54919	-.55067	.47857	.47870	.47938	.47904	1250.24300	1272.67000
.900	-3.806	-.43380	-.43400	-.43143	-.43272	.47284	.47295	.47352	.47323	1256.47000	1272.81000
.900	-2.795	-.31684	-.31759	-.31512	-.31635	.46909	.46928	.46966	.46947	1261.25000	1273.07001
.900	-1.780	-.20300	-.20352	-.20108	-.20230	.46352	.46301	.46375	.46326	1264.84300	1273.13000
.900	-.774	-.08962	-.08854	-.08666	-.08760	.45762	.45728	.45775	.45752	1266.89200	1272.97000
.900	.234	.02528	.02440	.02639	.02539	.45244	.45247	.45251	.45249	1268.07800	1272.84000
.900	1.214	.13582	.13557	.13714	.13635	.44713	.44785	.44788	.44786	1268.75000	1272.95000
.900	2.199	.24915	.24952	.25075	.25014	.44378	.44442	.44471	.44457	1268.64799	1272.77000
GRADIENT		.11373	.11387	.11365	.11376	-.00507	-.00500	-.00508	-.00504	2.52929	.00675

RUN NO. 1328/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DPACAL	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
1.099	-7.928	-.91563	-.91849	-.91539	-.91694	.48252	.48040	.48134	.48087	1160.00200	1205.09399
1.100	-6.901	-.79593	-.79807	-.79501	-.79654	.48013	.47795	.47867	.47831	1168.44701	1204.59599
1.100	-5.904	-.68251	-.68469	-.68166	-.68317	.47884	.47688	.47754	.47721	1175.97600	1204.56300
1.100	-4.898	-.56578	-.56738	-.56454	-.56596	.47621	.47408	.47470	.47439	1182.92799	1204.62199
1.101	-3.898	-.45122	-.45186	-.44894	-.45040	.46822	.46707	.46783	.46745	1188.69000	1204.59500
1.100	-2.902	-.33334	-.33449	-.33194	-.33321	.46697	.46628	.46688	.46658	1193.31500	1204.54100
1.100	-1.906	-.21748	-.22012	-.21766	-.21889	.46237	.46184	.46240	.46212	1196.54500	1204.59500
1.100	-.926	-.10177	-.10342	-.10119	-.10230	.45912	.45890	.45936	.45913	1198.89600	1204.67500
1.100	.093	.01315	.01042	.01231	.01136	.45714	.45720	.45744	.45732	1200.10500	1204.56200
1.100	1.092	.12558	.12558	.12688	.12525	.45663	.45660	.45669	.45665	1200.67200	1204.67101
1.100	2.068	.23978	.24021	.24156	.24089	.45666	.45684	.45686	.45685	1200.61501	1205.05701
GRADIENT		.11567	.11581	.11558	.11569	-.00272	-.00243	-.00253	-.00248	2.46739	.04253

(UCM040) ( 04 OCT 91 )

PARAMETRIC DATA

BETA = 4.000 PHI = 180.000

RUN NO. 1374/ O RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DPACAL	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
1.249	-7.898	-99432	-99723	-99363	-99543	.53617	.53545	.53702	.53623	1136.56700	1183.11900
1.250	-6.866	-86194	-86389	-86043	-86216	.53210	.53174	.53277	.53226	1145.18700	1182.64600
1.250	-5.859	-73807	-73955	-73633	-73794	.53135	.53090	.53174	.53132	1153.01100	1182.54201
1.250	-4.849	-61236	-61535	-61227	-61381	.52569	.52480	.52573	.52527	1160.20900	1182.48100
1.250	-3.843	-48212	-48400	-48104	-48252	.51844	.51740	.51811	.51775	1165.78400	1182.10100
1.250	-2.837	-35168	-35413	-35157	-35285	.51501	.51290	.51384	.51337	1169.80200	1182.76500
1.250	-1.821	-22742	-22838	-22611	-22724	.50887	.50726	.50801	.50763	1173.29201	1182.69099
1.250	-.820	-10182	-10155	-09938	-10046	.50345	.50203	.50271	.50237	1175.34100	1182.59000
1.250	.186	.02394	.02302	.02476	.02389	.49869	.49745	.49786	.49766	1176.65700	1182.36301
1.250	1.168	.14728	.14587	.14746	.14666	.49551	.49403	.49459	.49431	1176.83800	1182.20700
1.250	2.159	.27205	.27106	.27184	.27145	.49307	.49187	.49235	.49211	1177.07001	1182.48801
1.249	GRADIENT	.12581	.12607	.12577	.12592	-.00472	-.00474	-.00481	-.00478	2.33116	-.00853

RUN NO. 1385/ O RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DPACAL	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
1.400	-7.865	-1.12078	-1.12368	-1.11982	-1.12175	.62706	.62709	.62787	.62748	1116.86800	1164.40700
1.400	-6.874	-98555	-98960	-98580	-98770	.61376	.61321	.61434	.61378	1126.84599	1164.55800
1.400	-5.869	-84473	-84667	-84305	-84486	.61069	.61072	.61154	.61113	1134.77499	1164.21600
1.400	-4.857	-69999	-70270	-69949	-70110	.60336	.60336	.60398	.60351	1141.49001	1163.73900
1.400	-3.856	-55401	-55722	-55408	-55565	.59503	.59485	.59564	.59525	1147.20500	1164.21300
1.400	-2.846	-40609	-40864	-40556	-40710	.59330	.59333	.59407	.59370	1152.46500	1164.38300
1.400	-1.837	-26153	-26336	-26099	-26217	.58778	.58789	.58854	.58822	1156.09399	1164.67500
1.400	-.834	-11692	-11633	-11403	-11518	.58022	.58032	.58110	.58071	1157.97400	1164.08299
1.400	.171	.02832	.02739	.02948	.02843	.57507	.57528	.57596	.57562	1158.91499	1163.91901
1.400	1.156	.16979	.16862	.17088	.16975	.57203	.57241	.57301	.57271	1159.74500	1164.16800
1.400	2.146	.31339	.31272	.31393	.31333	.56916	.56951	.57010	.56981	1160.06700	1164.35800
1.400	GRADIENT	.14454	.14492	.14466	.14479	-.00495	-.00486	-.00490	-.00488	2.54663	-.02523

RUN NO. 1398/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DPACAL	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
1.450	-7.810	-1.19285	-1.19545	-1.19166	-1.19356	.67252	.67121	.67211	.67166	1110.94600	1158.77299
1.450	-6.817	-1.04004	-1.04354	-1.03988	-1.04171	.65935	.65833	.65918	.65875	1119.45599	1158.48599
1.450	-5.805	-.89148	-89342	-89054	-89198	.65793	.65744	.65828	.65786	1127.35201	1158.42999
1.449	-4.787	-73770	-73986	-73694	-73840	.64845	.64772	.64848	.64810	1133.93300	1158.51801
1.450	-3.768	-58140	-58360	-58041	-58201	.63669	.63793	.63851	.63822	1139.18401	1158.42700
1.450	-2.754	-42452	-42647	-42391	-42519	.63667	.63696	.63749	.63723	1144.51199	1158.28300
1.450	-1.733	-27100	-27234	-27004	-27119	.63392	.63422	.63474	.63448	1149.49400	1158.59300
1.450	-.722	-11549	-11418	-11217	-11318	.62521	.62585	.62610	.62597	1151.92300	1158.00800
1.450	.286	.04352	.04259	.04422	.04340	.61816	.61856	.61916	.61886	1153.50200	1158.30200
1.450	1.268	.19304	.19322	.19446	.19384	.61071	.61122	.61162	.61142	1154.03600	1158.29900
1.450	2.247	.34323	.34449	.34463	.34456	.60641	.60694	.60740	.60717	1153.70000	1158.34900
1.450	GRADIENT	.15374	.15423	.15385	.15404	-.00577	-.00570	-.00574	-.00572	2.87050	-.02799

IA310 (AEDC 16TF-783) FAIRING-OFF DATABASE

(UCM040) ( 04 OCT 91 )

PARAMETRIC DATA

BETA = 4.000 PHI = 180.000

RUN NO. 1441/ O RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DPACAL	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
1.471	-7.862	-1.24243	-1.24466	-1.24119	-1.24293	.68148	.68062	.68135	.68098	1106.10800	1149.91124
1.471	-6.828	-1.08387	-1.08645	-1.08248	-1.08446	.68049	.68086	.68156	.68121	1116.09500	1150.07617
1.471	-5.815	-93037	-93471	-93113	-93292	.68262	.68334	.68415	.68374	1125.67000	1149.78021
1.471	-4.801	-76753	-77063	-76755	-76909	.67061	.67023	.67084	.67054	1130.80000	1149.60188
1.470	-3.784	-60679	-60904	-60597	-60751	.66353	.66347	.66420	.66384	1136.11700	1149.56764
1.470	-2.768	-44439	-44473	-44193	-44333	.66059	.66047	.66106	.66076	1140.55200	1149.67168
1.471	-1.753	-28193	-28356	-28102	-28229	.65256	.65267	.65345	.65306	1143.73300	1149.72646
1.471	-743	-11696	-11826	-11612	-11719	.64461	.64476	.64518	.64497	1145.49001	1149.70073
1.471	.266	.04361	.04307	.04477	.04392	.63506	.63506	.63534	.63520	1146.28600	1149.54904
1.471	1.245	.19790	.19791	.19935	.19863	.62786	.62839	.62849	.62844	1147.05901	1149.77470
1.471	2.231	.35238	.35436	.35470	.35453	.62336	.62366	.62377	.62372	1148.09000	1150.02798
	GRADIENT	.15970	.16025	.15989	.16007	-.00704	-.00693	-.00702	-.00698	2.30961	.04267

RUN NO. 1408/ O RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DPACAL	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
1.496	-7.869	-1.29126	-1.29351	-1.28925	-1.29138	.70113	.69900	.69990	.69945	1106.61099	1146.91585
1.496	-6.830	-1.12464	-1.12696	-1.12302	-1.12499	.70689	.70505	.70582	.70544	1114.87700	1146.49709
1.496	-5.823	-97503	-97825	-97407	-97616	.70903	.70722	.70810	.70766	1123.41100	1146.91699
1.496	-4.809	-81581	-81581	-81237	-81409	.70622	.70446	.70519	.70483	1130.57100	1146.77740
1.496	-3.798	-64432	-64562	-64234	-64398	.69905	.69725	.69785	.69755	1135.73500	1147.02353
1.496	-2.781	-47128	-47215	-46931	-47073	.69677	.69507	.69582	.69545	1139.92200	1147.28032
1.496	-1.766	-30348	-30427	-30142	-30284	.69002	.69200	.69270	.69235	1143.59700	1147.66037
1.496	-.758	-13089	-13025	-12789	-12907	.68842	.68897	.68897	.68870	1145.51199	1147.30304
1.496	.250	.04240	.04140	.04343	.04241	.68295	.68181	.68236	.68209	1146.40900	1146.82138
1.496	1.232	.20893	.20847	.21012	.20930	.67725	.67598	.67639	.67619	1146.91701	1146.92107
1.496	2.219	.37501	.37501	.37459	.37406	.66842	.66723	.66756	.66740	1147.16200	1146.73741
	GRADIENT	.16949	.16946	.16913	.16929	-.00495	-.00485	-.00491	-.00488	2.29549	-.02944

RUN NO. 1431/ O RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DPACAL	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
1.518	-7.867	-1.44823	-1.45164	-1.44755	-1.44959	.80269	.80110	.80211	.80161	1106.80400	1140.07788
1.518	-6.837	-1.31701	-1.31874	-1.31464	-1.31669	.82030	.81838	.81943	.81891	1116.32500	1139.71039
1.518	-5.826	-1.14320	-1.14481	-1.14091	-1.14286	.83518	.83239	.83359	.83299	1116.25800	1139.21362
1.517	-4.811	-95192	-95304	-94939	-95121	.82576	.82328	.82435	.82381	1116.25800	1139.72641
1.518	-3.796	-74852	-74949	-74606	-74778	.81647	.81403	.81472	.81437	1116.18100	1140.11438
1.518	-2.779	-55600	-55637	-55325	-55481	.82103	.81962	.82045	.82003	1116.21500	1139.76350
1.518	-1.765	-35055	-35172	-34903	-35038	.80975	.80890	.80942	.80916	1116.18100	1139.48917
1.518	-.757	-15109	-15040	-14816	-14928	.78867	.78890	.78909	.78873	1116.12700	1139.41541
1.518	.249	.04441	.04397	.04584	.04490	.77579	.77441	.77505	.77473	1116.13699	1139.96599
1.517	1.230	.23393	.23338	.23478	.23408	.76634	.76634	.76693	.76664	1116.10400	1140.18974
1.518	2.215	.43145	.43110	.43178	.43144	.77281	.77180	.77225	.77203	1116.10400	1139.34810
	GRADIENT	.19661	.19672	.19631	.19651	-.00914	-.00896	-.00902	-.00899	-.02075	-.02058



IA310 (AEDC 16TF-783) FAIRING-OFF DATABASE (UCM040) ( 04 OCT 91 )

## PARAMETRIC DATA

BETA = 4.000 PHI = 180.000

RUN NO. 1419/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DPACAL	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
1.543	-7.866	-1.49551	-1.49732	-1.49296	-1.49514	.82969	.82651	.82773	.82712	1116.23000	1136.32649
1.543	-6.836	-1.25246	-1.25340	-1.24969	-1.25154	.78178	.78002	.78098	.78050	1116.18600	1136.29189
1.543	-5.825	-1.04329	-1.04570	-1.04187	-1.04379	.76688	.76533	.76627	.76580	1116.23000	1136.38573
1.543	-4.811	-84480	-84678	-84327	-84502	.74026	.73742	.73841	.73792	1116.15300	1136.43398
1.543	-3.796	-65648	-65738	-65402	-65570	.70150	.69949	.70020	.69984	1116.13300	1136.42574
1.543	-2.781	-48040	-47916	-47610	-47763	.66701	.66418	.66498	.66458	1116.14301	1136.47157
1.543	-1.766	-31053	-31071	-30798	-30934	.62723	.62552	.62591	.62571	1116.06500	1136.52353
1.554	-.758	-14560	-14467	-14220	-14344	.59968	.59757	.59825	.59791	1116.05499	1149.55789
1.554	.248	.00969	.00953	.01181	.01067	.58784	.58615	.58664	.58639	1116.08900	1149.82716
1.554	1.230	.16290	.16237	.16408	.16322	.59211	.59072	.59127	.59100	1116.01199	1149.66653
1.554	2.214	.32708	.32752	.32861	.32806	.61165	.61003	.61042	.61022	1115.95799	1136.34737
GRADIENT		.16512	.16531	.16498	.16514	-.02035	-.02018	-.02025	-.02021	-.02535	1.41596

## IA310 (AEDC 16TF-783) PROBE CALIBRATION

## PARAMETRIC DATA

BETA = -4.000 PHI = 180.000

RUN NO. 1670/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DPACAL	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
.600	-8.125	-78541	-78399	-78263	-78331	-.36547	-.36185	-.36192	-.36189	1555.40199	1596.99001
.600	-7.121	-.68920	-.68831	-.68682	-.68757	-.36042	-.35697	-.35663	-.35680	1563.89900	1596.50999
.600	-6.140	-.59847	-.59765	-.59610	-.59688	-.35458	-.35388	-.35293	-.35340	1570.65100	1596.89000
.601	-5.164	-.50540	-.50367	-.50197	-.50282	-.35170	-.35085	-.34985	-.35035	1576.78400	1597.02000
.600	-4.188	-.41216	-.41125	-.40967	-.41046	-.34632	-.34555	-.34544	-.34550	1581.76801	1596.50999
.600	-3.220	-.32120	-.32115	-.31974	-.32045	-.34420	-.34335	-.34333	-.34334	1585.26199	1596.56000
.601	-2.253	-.22941	-.22965	-.22793	-.22879	-.34600	-.34520	-.34516	-.34518	1588.18401	1596.94000
.601	-1.284	-.13610	-.13621	-.13467	-.13544	-.34869	-.34706	-.34666	-.34686	1590.52499	1596.77000
.600	-.291	-.04286	-.04282	-.04126	-.04204	-.35212	-.35015	-.34931	-.34973	1591.75700	1596.53000
.600	.704	.05047	.04971	.05132	.05051	-.35441	-.35251	-.35176	-.35214	1592.60699	1596.94000
.600	1.729	.14491	.14405	.14562	.14484	-.35894	-.35644	-.35594	-.35619	1592.64101	1597.25000
GRADIENT		.09437	.09413	.09414	.09414	-.00234	-.00204	-.00191	-.00197	1.83975	.09359

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(UCMO41) ( 04 OCT 91 )

PARAMETRIC DATA

BETA = -4.000 PHI = 180.000

RUN NO. 1746/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DPACAL	DPA1	DPA2	DPA	DPCAL	DPB1	DPB2	DPB	PTTF	PT2F
.800	-8.087	-.93339	-.93225	-.93084	-.93155	-.44254	-.44072	-.44056	-.44064	1293.96300	1340.94000
.799	-7.081	-.82119	-.81871	-.81733	-.81802	-.43245	-.42995	-.43003	-.42999	1303.55901	1340.73000
.800	-6.094	-.70906	-.70793	-.70634	-.70714	-.43222	-.42893	-.42889	-.42891	1311.43300	1341.17000
.799	-5.110	-.59766	-.59684	-.59552	-.59618	-.42683	-.42361	-.42360	-.42361	1318.54401	1341.21001
.800	-4.133	-.48784	-.48664	-.48525	-.48595	-.42004	-.41670	-.41674	-.41672	1324.32100	1341.46001
.800	-3.154	-.37832	-.37724	-.37563	-.37643	-.41717	-.41454	-.41467	-.41460	1328.56700	1341.23000
.800	-2.179	-.26800	-.26689	-.26548	-.26619	-.41532	-.41350	-.41383	-.41366	1331.81400	1341.14999
.800	-1.201	-.15753	-.15553	-.15409	-.15481	-.41737	-.41555	-.41577	-.41566	1333.97800	1341.02000
.800	-.204	-.04584	-.04360	-.04218	-.04289	-.41909	-.41712	-.41736	-.41724	1335.24400	1341.02000
.800	.789	.06826	.06818	.06991	.06905	-.42285	-.42131	-.42158	-.42145	1335.72800	1340.67000
.799	1.806	.18114	.18010	.18218	.18114	-.42489	-.42315	-.42349	-.42332	1335.59300	1340.66000
GRADIENT		.11281	.11252	.11260	.11256	-.00108	-.00132	-.00136	-.00134	1.85804	-.13186

RUN NO. 1659/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DPACAL	DPA1	DPA2	DPA	DPCAL	DPB1	DPB2	DPB	PTTF	PT2F
.900	-8.098	-.96847	-.96699	-.96567	-.96633	-.45473	-.45351	-.45166	-.45258	1226.64900	1272.57001
.900	-7.081	-.84904	-.84748	-.84616	-.84682	-.44320	-.44197	-.44325	-.45656	1236.16400	1273.28000
.900	-6.098	-.73504	-.73309	-.73159	-.73234	-.44623	-.45792	-.44335	-.45064	1243.68700	1272.85001
.900	-5.113	-.62047	-.61900	-.61765	-.61832	-.44150	-.44797	-.43707	-.44252	1250.28400	1273.21001
.900	-4.135	-.50566	-.50424	-.50265	-.50345	-.43524	-.44044	-.43122	-.43583	1256.22099	1273.30000
.900	-3.165	-.39326	-.39129	-.38962	-.39045	-.43143	-.43578	-.42777	-.43178	1260.28799	1272.97000
.900	-2.186	-.27925	-.27853	-.27676	-.27765	-.42844	-.43496	-.42840	-.43168	1263.56000	1272.96001
.900	-1.213	-.16401	-.16273	-.16108	-.16190	-.43290	-.43540	-.42950	-.43245	1265.69800	1272.85001
.900	-.216	-.04742	-.04641	-.04481	-.04561	-.43432	-.43664	-.43135	-.43399	1267.13100	1272.82001
.900	.777	.06871	.06797	.06972	.06884	-.43884	-.44152	-.43554	-.43853	1267.59399	1272.91000
.900	1.798	.18737	.18702	.18864	.18783	-.44311	-.44642	-.43991	-.44317	1268.30901	1273.45000
GRADIENT		.11698	.11660	.11660	.11660	-.00147	-.00114	-.00162	-.00138	1.96367	-.00774

RUN NO. 1738/ 0 RN/L = 2.51 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DPACAL	DPA1	DPA2	DPA	DPCAL	DPB1	DPB2	DPB	PTTF	PT2F
1.098	-7.989	-.96578	-.96555	-.96418	-.96486	-.48579	-.48327	-.48288	-.48308	1160.01300	1205.03799
1.100	-7.016	-.85326	-.85248	-.85113	-.85181	-.46597	-.46441	-.46403	-.46422	1168.23700	1205.45799
1.101	-6.023	-.73813	-.73630	-.73477	-.73553	-.46490	-.46249	-.46210	-.46230	1176.02901	1205.38300
1.101	-5.030	-.61982	-.61911	-.61752	-.61831	-.45930	-.45675	-.45648	-.45662	1182.53900	1204.85400
1.101	-4.040	-.50165	-.49932	-.49766	-.49849	-.45373	-.45022	-.44994	-.45008	1187.66800	1204.67999
1.100	-3.049	-.38485	-.38368	-.38195	-.38282	-.44752	-.44421	-.44376	-.44399	1192.22900	1204.62100
1.100	-2.064	-.26666	-.26685	-.26533	-.26609	-.44474	-.44134	-.44092	-.44113	1195.51100	1204.50500
1.100	-1.072	-.14869	-.14827	-.14642	-.14734	-.44209	-.43854	-.43815	-.43834	1197.70799	1204.71201
1.100	-.052	-.02726	-.02726	-.02549	-.02637	-.44162	-.43796	-.43778	-.43787	1199.24300	1204.78799
1.100	.922	.08754	.08607	.08549	.08683	-.44159	-.43794	-.43769	-.43782	1199.85100	1204.82201
1.100	1.931	.20684	.20546	.20708	.20627	-.44110	-.43801	-.43778	-.43789	1199.97501	1204.97900
GRADIENT		.11877	.11819	.11818	.11818	.00190	.00188	.00185	.00187	2.00438	-.05688

(UCMO41) ( 04 OCT 91 )

PARAMETRIC DATA

BETA = -4.000 PHI = 180.000

MACH	ALPHA	DPACAL	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
1.249	-8.032	-1.05803	-1.05561	-1.05428	-1.05494	-5.1803	-5.1515	-5.1479	-5.1497	1136.39200	1182.70200
1.250	-7.062	-93658	-93343	-93208	-93275	-49695	-49396	-49366	-49381	1143.99001	1182.37000
1.250	-6.074	-81156	-80799	-80665	-80732	-49650	-49259	-49229	-49244	1152.78200	1182.66701
1.250	-5.084	-68435	-68228	-68082	-68155	-48983	-48687	-48639	-48663	1159.96201	1182.40500
1.249	-4.101	-55133	-55052	-54885	-54969	-48396	-48073	-48032	-48053	1164.58000	1182.32100
1.250	-3.120	-42650	-42537	-42369	-42453	-47710	-47382	-47378	-47380	1168.62601	1182.55901
1.250	-2.142	-30115	-30053	-29883	-29968	-47448	-47227	-47210	-47219	1171.81000	1182.62801
1.250	-1.167	-17575	-17419	-17253	-17336	-47404	-47177	-47169	-47173	1174.07899	1182.35500
1.250	-.160	-04848	-04695	-04528	-04612	-47587	-47360	-47357	-47358	1175.47301	1182.62300
1.250	.832	08123	07992	08151	08072	-47970	-47707	-47712	-47709	1176.14101	1182.53101
1.250	1.844	21101	20940	21110	21025	-48243	-47983	-47998	-47990	1176.13699	1182.60400
1.250	GRADIENT	.12826	.12785	.12785	.12785	-.00008	-.00019	-.00027	-.00023	1.92075	.02847

RUN NO. 1722/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DPACAL	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
1.400	-8.024	-1.20096	-1.19766	-1.19626	-1.19696	-5.8508	-5.8114	-5.8233	-5.8173	1116.84900	1164.74001
1.400	-7.050	-1.06431	-1.06255	-1.06019	-1.06137	-5.6654	-5.6273	-5.6391	-5.6332	1125.14999	1164.31400
1.400	-6.066	-92481	-92363	-92200	-92282	-56038	-55670	-55795	-55733	1133.22501	1164.33900
1.400	-5.073	-77887	-77655	-77498	-77576	-55530	-55162	-55298	-55230	1139.94600	1164.08800
1.400	-4.090	-63319	-63165	-62980	-63072	-54944	-54636	-54588	-54512	1145.10899	1164.30400
1.400	-3.110	-48805	-48723	-48552	-48638	-54438	-54239	-54438	-54368	1150.07401	1164.28000
1.400	-2.131	-34548	-34553	-34356	-34455	-54476	-53997	-54130	-54063	1153.81599	1164.01500
1.400	-1.150	-20131	-20189	-20000	-20095	-54413	-53873	-54027	-53950	1156.44901	1164.04100
1.400	-.151	-05575	-05527	-05329	-05428	-54493	-53983	-54147	-54065	1157.88699	1164.26199
1.399	.842	09034	08846	09013	08929	-54793	-54275	-54449	-54362	1158.52800	1164.43300
1.400	1.857	24097	23858	24033	23946	-55307	-54796	-54956	-54876	1158.67700	1164.10001
1.400	GRADIENT	.14677	.14617	.14615	.14616	-.00041	-.00038	-.00042	-.00040	2.21973	-.00206

RUN NO. 1711/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DPACAL	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
1.450	-8.114	-1.29611	-1.29395	-1.29286	-1.29340	-6.0047	-5.9712	-5.9817	-5.9764	1109.03300	1158.52000
1.450	-7.110	-1.13804	-1.13526	-1.13394	-1.13460	-5.8834	-5.8493	-5.8614	-5.8554	1117.21600	1158.45100
1.450	-6.125	-99045	-98858	-98732	-98795	-58559	-58209	-58352	-58280	1125.19800	1158.48000
1.450	-5.141	-83695	-83465	-83307	-83386	-58215	-57897	-58022	-57960	1132.17101	1158.71700
1.449	-4.168	-68210	-68159	-68012	-68085	-57403	-57047	-57166	-57107	1136.94800	1158.80600
1.450	-3.200	-53198	-53199	-53025	-53112	-57485	-57116	-57252	-57184	1142.35100	1158.29900
1.450	-2.227	-38527	-38428	-38261	-38344	-57634	-57257	-57392	-57325	1147.18500	1158.06700
1.450	-1.261	-23071	-23133	-22964	-23048	-57874	-57469	-57603	-57536	1150.26100	1158.09300
1.450	-.261	-07426	-07356	-07186	-07271	-58241	-57979	-57979	-57910	1151.63800	1158.44501
1.450	.731	08057	07878	08072	07975	-59175	-58919	-58919	-58844	1152.47501	1158.45599
1.450	1.752	24281	24099	24262	24180	-59517	-59092	-59253	-59172	1152.09100	1158.13699
1.450	GRADIENT	.15627	.15588	.15591	.15589	-.00375	-.00364	-.00370	-.00367	2.53218	-.04729

RUN NO. 1704/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(UCMO41) ( 04 OCT 91 )

PARAMETRIC DATA

BETA = -4.000 PHI = 180.000

RUN NO. 1697/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DPACAL	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
1.470	-8.064	-1.32463	-1.32190	-1.32063	-1.32126	-6.3241	-6.2820	-6.2945	-6.2883	1107.86800	1150.55771
1.470	-7.098	-1.17487	-1.17207	-1.17008	-1.17108	-6.6030	-6.0500	-6.0636	-6.0568	1114.62100	1149.59956
1.470	-6.113	-1.02432	-1.02329	-1.02217	-1.02273	-6.0821	-6.0496	-6.0630	-6.0563	1123.71500	1149.84430
1.470	-5.125	-86192	-85958	-85820	-85889	-59869	-59518	-59655	-59587	1129.64600	1149.29852
1.470	-4.151	-70120	-70057	-69876	-69966	-58893	-58542	-58700	-58621	1133.77800	1148.91620
1.470	-3.181	-54462	-54436	-54275	-54355	-58393	-58061	-58112	-58136	1137.59399	1148.83006
1.470	-2.211	-38890	-38841	-38684	-38762	-58348	-57986	-58151	-58069	1140.79500	1148.99393
1.470	-1.236	-23597	-23660	-23502	-23581	-58214	-58048	-58151	-58131	1143.13699	1149.05380
1.470	-.243	-07762	-07763	-07592	-07678	-58757	-58357	-58515	-58436	1144.43300	1148.75621
1.484	.752	.08186	.07977	.08055	.08016	-59652	-59255	-59416	-59336	1145.22900	1167.16272
1.485	1.772	.24450	.24283	.23405	.23844	-59986	-59577	-59756	-59667	1145.46400	1166.87315
GRADIENT		.15944	.15900	.15779	.15839	-00226	-00214	-00217	-00215	1.94906	3.28582

RUN NO. 1667/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DPACAL	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
1.497	-8.059	-1.35088	-1.34664	-1.34591	-1.34627	-6.4068	-6.3933	-6.3911	-6.3922	1095.41800	1148.24095
1.496	-7.089	-1.20546	-1.20073	-1.19980	-1.20027	-6.1848	-6.1734	-6.1684	-6.1709	1101.41901	1147.34540
1.497	-6.107	-1.06087	-1.05770	-1.05663	-1.05716	-6.1663	-6.1445	-6.1389	-6.1417	1109.22400	1147.95314
1.497	-5.117	-90599	-90134	-90042	-90088	-6.1579	-6.1361	-6.1333	-6.1347	1116.59300	1148.11671
1.497	-4.146	-74561	-74106	-73985	-74046	-6.1320	-6.1078	-6.1088	-6.1083	1120.50999	1147.64264
1.497	-3.169	-58235	-58055	-57931	-57993	-6.1374	-6.1160	-6.1140	-6.1150	1124.41800	1147.81987
1.497	-2.198	-41941	-41702	-41559	-41631	-6.1626	-6.1324	-6.1318	-6.1321	1128.04601	1148.18680
1.497	-1.226	-25593	-25436	-25281	-25359	-6.2088	-6.1844	-6.1835	-6.1840	1130.93300	1147.88306
1.497	-.228	-09020	-08781	-08654	-08717	-6.2595	-6.2354	-6.2347	-6.2351	1132.55499	1148.00082
1.497	.765	.08035	.08023	.08147	.08085	-6.3298	-6.2981	-6.3018	-6.3000	1133.05901	1147.86229
1.496	1.790	.25397	.25288	.25424	.25356	-6.3572	-6.3275	-6.3313	-6.3294	1132.49800	1147.79976
GRADIENT		.16831	.16756	.16757	.16756	-00419	-00408	-00415	-00411	2.08144	.01297

RUN NO. 1685/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DPACAL	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
1.519	-8.051	-1.42843	-1.42371	-1.42273	-1.42322	-6.8320	-6.7946	-6.8076	-6.8011	1094.34599	1142.37460
1.520	-7.087	-1.29996	-1.29643	-1.29551	-1.29597	-6.6212	-6.5827	-6.5933	-6.5880	1101.92999	1141.88359
1.520	-6.104	-1.15656	-1.15151	-1.15017	-1.15083	-6.7507	-6.7080	-6.7189	-6.7135	1110.00301	1141.98816
1.520	-5.121	-99829	-99538	-99418	-99478	-6.8474	-6.7926	-6.8071	-6.7999	1116.90401	1141.68173
1.520	-4.141	-82837	-82425	-82297	-82361	-6.8694	-6.8144	-6.8293	-6.8219	1121.69400	1141.88226
1.520	-3.173	-65599	-65323	-65184	-65254	-6.9773	-6.9292	-6.9444	-6.9368	1124.01601	1141.75830
1.520	-2.196	-47801	-47591	-47425	-47508	-7.1782	-7.1285	-7.1380	-7.1333	1125.70599	1141.96011
1.520	-1.222	-29182	-29073	-28911	-28992	-7.3181	-7.2625	-7.2806	-7.2716	1126.90199	1141.85150
1.520	-.228	-09178	-08913	-08891	-09062	-7.4281	-7.4288	-7.4482	-7.4390	1127.61099	1141.98151
1.520	.766	.10409	.10335	.10487	.10411	-7.3883	-7.3378	-7.3578	-7.3478	1127.75900	1142.09883
1.520	1.787	.29569	.29429	.29587	.29508	-7.3077	-7.2491	-7.2694	-7.2592	1127.59100	1142.37495
GRADIENT		.19108	.19017	.19020	.19019	-00879	-00872	-00885	-00879	.97662	.07931

IA310 (AEDC 16TF-783) PROBE CALIBRATION (UCM041) ( 04 OCT 91 )

## PARAMETRIC DATA

BETA = -4.000 PHI = 180.000

RUN NO. 1678/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DPACAL	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
1.541	-8.058	-1.61844	-1.61365	-1.61325	-1.61345	-7.6899	-7.6521	-7.6643	-7.6582	1111.10400	1137.51959
1.541	-7.089	-1.41968	-1.41403	-1.41300	-1.41351	-7.5199	-7.4801	-7.4927	-7.4884	1113.59000	1136.94243
1.545	-6.103	-1.15601	-1.15031	-1.14901	-1.14966	-7.3526	-7.2987	-7.3133	-7.3060	1114.63800	1135.41679
1.543	-5.123	-93436	-93194	-93055	-93124	-7.1463	-7.1043	-7.1126	-7.1084	1117.76900	1135.93640
1.544	-4.146	-70697	-70406	-70261	-70333	-7.0533	-7.0085	-7.0173	-7.0129	1118.06799	1135.38991
1.544	-3.166	-53266	-52941	-52794	-52868	-6.8943	-6.8506	-6.8661	-6.8584	1117.37199	1135.22795
1.543	-2.198	-35420	-35080	-34944	-35012	-6.7371	-6.6937	-6.7148	-6.7073	1118.06400	1135.64844
1.542	-1.222	-18361	-18246	-18050	-18148	-6.4340	-6.4063	-6.4229	-6.4146	1119.02400	1136.01385
1.543	-.229	-02547	-02343	-02188	-02265	-6.1076	-6.0719	-6.0892	-6.0806	1119.64900	1135.85371
1.543	.766	12652	12608	12754	12681	-6.0890	-6.0441	-6.0623	-6.0532	1119.85100	1136.19238
1.543	1.788	30901	30870	31006	30938	-6.5842	-6.5425	-6.5602	-6.5513	1119.82700	1135.89388
	GRADIENT	.16985	.16919	.16918	.16918	.01311	.01308	.01296	.01302	.42718	.13134

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(UCM042) ( 04 OCT 91 )

## PARAMETRIC DATA

BETA = -4.000 PHI = 180.000

RUN NO. 1568/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DPACAL	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
.599	-7.140	-68835	-68823	-68659	-68741	-36001	-35743	-35687	-35715	1563.45399	1597.21001
.599	-6.144	-59606	-59591	-59441	-59516	-35489	-35461	-35344	-35403	1570.56799	1596.57001
.600	-5.169	-50315	-50172	-50031	-50101	-35116	-35085	-34972	-35029	1576.96201	1596.33000
.600	-4.196	-40965	-40924	-40773	-40849	-34581	-34547	-34542	-34544	1581.98000	1597.42000
.600	-3.224	-32065	-32104	-31942	-32023	-34441	-34396	-34365	-34381	1585.37900	1597.08000
.601	-2.256	-22744	-22798	-22637	-22717	-34543	-34500	-34503	-34502	1588.85100	1597.50000
.600	-1.286	-13538	-13586	-13424	-13505	-34796	-34703	-34669	-34686	1590.68100	1597.30000
.600	-.291	-04251	-04273	-04122	-04197	-35107	-34940	-34849	-34895	1591.69099	1596.92000
.600	.705	05005	04912	05094	05003	-35583	-35417	-35336	-35376	1592.27901	1596.84000
	GRADIENT	.09409	.09391	.09395	.09393	-.00212	-.00181	-.00164	-.00172	2.10431	-.10487

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(UCMO42) ( 04 OCT 91 )

PARAMETRIC DATA

BETA = -4.000 PHI = 180.000

RUN NO. 1458/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DPACAL	DPA1	DPAA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
.800	-7.105	-82369	-82299	-82136	-82218	-43347	-43204	-43177	-43190	1302.94299	1341.32001
.800	-6.098	-70827	-70875	-70709	-70792	-43243	-42945	-42951	-42948	1310.36900	1341.10001
.800	-5.112	-59737	-59836	-59681	-59759	-42519	-42278	-42260	-42269	1316.73599	1341.19000
.800	-4.133	-48650	-48667	-48502	-48584	-41992	-41689	-41698	-41693	1321.96201	1340.92000
.800	-3.157	-37711	-37721	-37563	-37642	-41561	-41360	-41358	-41359	1326.27000	1341.05000
.800	-2.183	-26766	-26800	-26635	-26718	-41648	-41450	-41463	-41457	1329.34000	1340.89000
.800	-1.206	-15728	-15637	-15481	-15559	-41721	-41596	-41595	-41595	1331.57899	1341.10001
.800	-.203	-04417	-04291	-04131	-04211	-41865	-41735	-41735	-41735	1332.94501	1341.00999
.800	.788	.06840	.06751	.06908	.06830	-42270	-42122	-42128	-42125	1333.37100	1341.27000
GRADIENT		.11276	.11281	.11280	.11281	-00070	-00100	-00100	-00100	2.29924	.05351

RUN NO. 1491/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DPACAL	DPA1	DPAA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
.900	-7.109	-85081	-87592	-86666	-87129	-44874	-44753	-44705	-44729	1235.12399	1273.21001
.899	-6.098	-73380	-75898	-74947	-75423	-44582	-44402	-44431	-44366	1242.01900	1273.08000
.900	-5.117	-61978	-64514	-63564	-64039	-44118	-43841	-43775	-43808	1248.58200	1272.97000
.900	-4.137	-50473	-52929	-51999	-52464	-43503	-43197	-43190	-43193	1254.16701	1273.09000
.900	-3.162	-39270	-41643	-40712	-41178	-43217	-42901	-42887	-42894	1258.43900	1273.17000
.901	-2.191	-27866	-30268	-29335	-29802	-43099	-42872	-42869	-42871	1261.61900	1272.78000
.900	-1.210	-16324	-18637	-17717	-18177	-43234	-43018	-43020	-43019	1263.77100	1272.95000
.900	-.216	-04748	-06938	-06020	-06479	-43381	-43170	-43179	-43175	1265.05000	1272.92999
.900	.781	.06955	.04594	.05513	.05053	-43884	-43647	-43642	-43645	1265.47600	1273.00000
GRADIENT		.11691	.11723	.11720	.11722	-00074	-00094	-00096	-00095	2.27847	-.02880

RUN NO. 1475/ O RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DPACAL	DPA1	DPAA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
1.100	-7.044	-85502	-85661	-85508	-85585	-46629	-46564	-46551	-46558	1167.34500	1205.07500
1.100	-6.022	-73855	-73872	-73699	-73785	-46103	-45977	-45955	-45966	1174.40800	1204.74100
1.100	-5.034	-61990	-62091	-61924	-62008	-45615	-45471	-45467	-45469	1180.62100	1204.40300
1.100	-4.040	-50304	-50206	-50031	-50118	-45152	-44900	-44903	-44901	1186.04500	1204.79800
1.100	-3.053	-38510	-38473	-38310	-38392	-44716	-44480	-44472	-44476	1190.39700	1204.94901
1.100	-2.063	-26773	-26848	-26682	-26765	-44454	-44248	-44223	-44235	1193.78200	1204.87601
1.100	-1.075	-15060	-15051	-14863	-14957	-44198	-43970	-43966	-43968	1195.83400	1204.72800
1.100	-.072	-03054	-03058	-02883	-02971	-44057	-43855	-43835	-43845	1196.82100	1204.57100
1.100	.919	.08520	.08380	.08558	.08469	-44184	-43952	-43962	-43957	1197.73100	1205.12100
GRADIENT		.11869	.11833	.11836	.11835	.00204	.00198	.00198	.00198	2.29490	.00959

## IA310 (AEDC 16TF-783) PROBE CALIBRATION

(UCMO42) ( 04 OCT 91 )

## PARAMETRIC DATA

BETA = -4.000 PHI = 180.000

RUN NO. 1515/ O RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DPACAL	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
1.250	-7.088	-93614	-93852	-93636	-93744	-49836	-49604	-49588	-49596	1144.31700	1182.17000
1.250	-6.074	-81075	-81145	-80931	-81038	-49283	-49061	-49046	-49053	1151.93800	1182.87000
1.250	-5.081	-68408	-68548	-68324	-68436	-48916	-48597	-48604	-48601	1158.85300	1182.48399
1.250	-4.102	-55337	-55526	-55298	-55412	-48285	-47953	-47965	-47959	1163.92101	1182.40601
1.250	-3.123	-42618	-42729	-42520	-42624	-47619	-47352	-47361	-47356	1167.75000	1182.71700
1.250	-2.146	-30251	-30331	-30107	-30219	-47478	-47233	-47244	-47239	1170.23199	1182.22701
1.250	-1.160	-17547	-17547	-17352	-17450	-47490	-47235	-47251	-47243	1172.30099	1182.47501
1.251	-1.168	-04997	-04807	-04633	-04720	-47654	-47367	-47393	-47380	1173.94600	1182.59000
1.252	.828	.08013	.07990	.08141	.08066	-48096	-47791	-47819	-47805	1173.48599	1181.50800
GRADIENT		.12817	.12873	.12858	.12866	.00023	.00021	.00018	.00019	1.98238	-.13444

RUN NO. 1531/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DPACAL	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
1.400	-7.077	-107287	-107567	-107274	-107420	-56233	-53624	-56202	-54913	1126.52400	1164.46500
1.400	-6.066	-92952	-93281	-93057	-93169	-55594	-52978	-55540	-54259	1133.87700	1163.97900
1.400	-5.077	-78366	-78485	-78279	-78382	-55331	-52746	-55329	-54037	1140.87000	1164.36800
1.400	-4.093	-63791	-63938	-63684	-63811	-54624	-52008	-54606	-53307	1146.30200	1164.23900
1.400	-3.113	-49433	-49427	-49204	-49316	-54639	-51872	-54470	-53171	1150.79900	1164.34900
1.400	-2.131	-35050	-35190	-34986	-35088	-54427	-51686	-54296	-52991	1154.31200	1164.24400
1.400	-1.150	-20676	-20747	-20546	-20646	-54417	-51651	-54264	-52957	1156.85500	1164.36800
1.400	-.152	-.05814	-.05854	-.05667	-.05760	-55112	-51799	-54410	-53104	1157.69501	1164.12900
GRADIENT	.841	.08644	.08653	.08797	.08725	-55112	-52333	-54952	-53643	1158.39999	1164.40199
		.14694	.14715	.14696	.14705	-.00067	-.00040	-.00044	-.00042	2.42173	.00806

RUN NO. 1549/ O RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DPACAL	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
1.450	-7.130	-113750	-114065	-113887	-113976	-58648	-58638	-58610	-58624	1120.09000	1158.54201
1.450	-6.125	-98952	-99163	-98973	-99068	-57439	-57559	-57526	-57542	1127.28101	1158.48599
1.451	-5.143	-83856	-84003	-83806	-83905	-57232	-57219	-57181	-57200	1133.28400	1158.23700
1.450	-4.169	-68172	-68424	-68223	-68324	-56734	-56715	-56678	-56697	1137.67700	1158.16701
1.449	-3.200	-53265	-53521	-53303	-53412	-56671	-56620	-56618	-56619	1142.68500	1157.95100
1.450	-2.233	-38581	-38771	-38587	-38679	-57124	-57075	-57059	-57067	1147.42400	1158.64900
1.450	-1.257	-23362	-23374	-23180	-23277	-57198	-57139	-57123	-57131	1149.64700	1158.03900
1.451	-.263	-.07666	-.07536	-.07374	-.07455	-57725	-57649	-57644	-57647	1151.55800	1158.58000
GRADIENT	.730	.07697	.07704	.07862	.07783	-58766	-58623	-58644	-58634	1151.68800	1158.21800
		.15500	.15576	.15566	.15571	-.00392	-.00371	-.00379	-.00375	2.87888	.04449

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(UCMO42) ( 04 OCT 91 )

PARAMETRIC DATA

BETA = -4.000 PHI = 180.000

RUN NO. 1633/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DPACAL	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
1.469	-7.127	-1.16765	-1.16400	-1.16261	-1.16331	-60149	-59904	-59847	-59875	1106.29401	1148.58014
1.470	-6.117	-1.01006	-1.00819	-1.00645	-1.00732	-59101	-58926	-58870	-58898	1112.24600	1148.00766
1.470	-5.134	-85749	-85600	-85446	-85523	-58835	-58637	-58586	-58611	1118.93100	1148.04112
1.470	-4.160	-70347	-70188	-70007	-70097	-58183	-58001	-57971	-57986	1124.95500	1147.73962
1.469	-3.186	-54461	-54252	-54072	-54162	-57542	-57350	-57306	-57328	1127.60800	1148.04605
1.470	-2.213	-39003	-38808	-38635	-38721	-57540	-57348	-57310	-57329	1129.95599	1147.88101
1.469	-1.239	-23284	-23306	-23113	-23209	-57394	-57284	-57263	-57273	1132.31799	1148.24562
1.470	-.244	-07922	-08009	-07807	-07908	-57916	-57719	-57693	-57706	1133.56100	1147.91550
1.469	.755	.07486	.07394	.07607	.07500	-58789	-58533	-58521	-58527	1134.17500	1148.26897
	GRADIENT	.15839	.15771	.15777	.15774	-00118	-00109	-00114	-00111	1.92689	.07611

RUN NO. 1584/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DPACAL	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
1.491	-7.114	-1.21192	-1.20904	-1.20785	-1.20844	-62088	-61862	-61828	-61845	1098.76700	1138.58905
1.492	-6.115	-1.06612	-1.06383	-1.06160	-1.06272	-61421	-61158	-61131	-61145	1105.88901	1139.58745
1.492	-5.125	-90812	-90538	-90405	-90471	-61418	-61339	-61314	-61327	1114.83200	1142.97440
1.491	-4.150	-75210	-75010	-74869	-74940	-61595	-61487	-61480	-61483	1119.82800	1142.78709
1.491	-3.172	-59100	-58972	-58832	-58902	-61602	-61487	-61475	-61481	1122.82800	1142.26692
1.492	-2.203	-42970	-42675	-42529	-42602	-62130	-62006	-62011	-62008	1125.88499	1141.67528
1.491	-1.228	-26555	-26479	-26311	-26395	-62663	-62560	-62573	-62566	1127.36301	1141.33501
1.491	-.228	-09556	-09508	-09369	-09438	-63516	-63354	-63377	-63366	1125.69299	1140.81860
1.491	.768	.07343	.07296	.07468	.07382	-64198	-64043	-64091	-64067	1125.24600	1140.40173
	GRADIENT	.16799	.16750	.16755	.16753	-00561	-00551	-00562	-00557	1.07444	-.48285

RUN NO. 1600/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DPACAL	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
1.517	-7.115	-1.35596	-1.35200	-1.35122	-1.35161	-68621	-68385	-68349	-68367	1100.44200	1135.73912
1.517	-6.108	-1.20825	-1.20239	-1.20125	-1.20182	-70315	-70018	-69932	-69975	1111.00800	1138.43011
1.517	-5.125	-1.03647	-1.03259	-1.03133	-1.03196	-70510	-70191	-70109	-70150	1118.07899	1138.21376
1.517	-4.151	-85395	-84908	-84812	-84860	-69729	-69409	-69409	-69409	1122.02000	1138.81853
1.517	-3.176	-67189	-66865	-66703	-66784	-70116	-69884	-69863	-69874	1123.68201	1139.54364
1.517	-2.202	-49658	-49403	-49253	-49328	-72778	-72427	-72451	-72439	1125.42500	1140.31567
1.516	-1.223	-29517	-29399	-29244	-29322	-73934	-73663	-73673	-73668	1127.32300	1140.11081
1.517	-.228	-10108	-09919	-09771	-09845	-75197	-74896	-74910	-74903	1126.42599	1138.06596
1.516	.769	.09793	.09752	.09908	.09830	-74890	-74592	-74606	-74599	1124.37700	1136.18233
	GRADIENT	.19387	.19295	.19302	.19298	-01225	-01224	-01229	-01226	.63212	-.52123



IA310 (AEDC 16TF-783) PROBE CALIBRATION

(UCMO42) ( 04 OCT 91 )

PARAMETRIC DATA

BETA = -4.000 PHI = 180.000

MACH	ALPHA	DPACAL	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
1.541	-7.114	-1.37983	-1.37474	-1.37366	-1.37420	-7.4335	-7.4071	-7.4030	-7.4050	1115.30299	1133.81113
1.541	-6.114	-1.15605	-1.15046	-1.14899	-1.14972	-7.2281	-7.1987	-7.1956	-7.1972	1118.02901	1133.95561
1.540	-5.124	-93193	-92958	-92790	-92874	-7.0039	-6.9846	-6.9803	-6.9825	1120.98900	1134.21667
1.541	-4.146	-72067	-71786	-71630	-71708	-6.7937	-6.7752	-6.7734	-6.7743	1121.74100	1134.31038
1.541	-3.176	-54178	-53783	-53610	-53696	-6.7366	-6.7167	-6.7144	-6.7155	1121.83200	1134.64079
1.541	-2.201	-36348	-35946	-35794	-35870	-6.6075	-6.5866	-6.5838	-6.5852	1122.23900	1134.70178
1.541	-1.228	-19495	-19316	-19120	-19218	-6.3349	-6.3094	-6.3106	-6.3100	1123.05901	1134.88518
1.541	-.228	-03894	-03691	-03517	-03604	-6.0066	-5.9783	-5.9769	-5.9776	1123.96899	1135.32828
1.541	.767	11344	11285	11476	11381	-6.0325	-6.0054	-6.0064	-6.0059	1124.18401	1135.54410
	GRADIENT	.17003	.16930	.16937	.16933	.01824	.01845	.01839	.01842	.56594	.24493

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(UCMO43) ( 04 OCT 91 )

PARAMETRIC DATA

BETA = -3.000 PHI = 180.000

MACH	ALPHA	DPACAL	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
1.541	-7.115	-68208	-68209	-68063	-68136	-26149	-26020	-25982	-26001	1566.11501	1596.75999
1.541	-6.613	-63533	-63503	-63350	-63427	-25962	-25826	-25790	-25808	1569.98399	1597.42000
1.541	-6.121	-58780	-58780	-58625	-58703	-25717	-25623	-25588	-25605	1573.69501	1596.46001
1.541	-5.631	-54157	-54073	-53926	-54000	-25229	-25203	-25162	-25183	1577.09399	1597.08000
1.541	-5.136	-49603	-49458	-49289	-49374	-25176	-25163	-25136	-25150	1579.73399	1597.05000
1.541	-4.649	-45029	-44879	-44716	-44797	-25020	-24987	-24964	-24975	1582.18900	1596.86000
1.541	-4.162	-40439	-40314	-40162	-40238	-24939	-24896	-24886	-24891	1584.69501	1597.31000
1.541	-3.679	-35889	-35806	-35725	-35766	-25075	-25055	-25022	-25039	1586.26601	1596.75000
1.541	-3.193	-31412	-31450	-31276	-31363	-25143	-25066	-25050	-25058	1588.29700	1596.71001
1.541	-2.714	-26874	-26906	-26762	-26834	-25051	-25002	-24981	-24992	1589.43600	1596.71001
1.541	-2.236	-22288	-22416	-22259	-22337	-25063	-24936	-24985	-24990	1591.16901	1597.42000
1.541	-1.754	-17604	-17677	-17509	-17593	-25138	-25082	-25063	-25072	1591.80299	1596.92000
1.541	-1.276	-13200	-13245	-13093	-13169	-25101	-25135	-25121	-25128	1593.19701	1596.89000
1.541	-.790	-08459	-08518	-08339	-08429	-25487	-25384	-25401	-25393	1593.27000	1597.10001
1.541	-.308	-04121	-04172	-04000	-04086	-25665	-25594	-25582	-25588	1594.01500	1597.27000
1.541	.204	00578	00385	00562	00473	-26030	-25925	-25920	-25922	1594.12601	1597.06000
1.541	.715	05038	04964	05162	05063	-26383	-26307	-26285	-26296	1594.10899	1597.25000
	GRADIENT	.09392	.09346	.09355	.09350	-.00226	-.00215	-.00217	-.00216	2.20916	.05528

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(UCMO43) ( 04 OCT 91 )

PARAMETRIC DATA

BETA = -3.000 PHI = 180.000

RUN NO. 1459/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DPACAL	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
.800	-7.080	-8.1290	-8.1216	-8.1069	-8.1142	-3.1903	-3.1775	-3.1732	-3.1754	1305.84801	1340.98000
.800	-6.581	-7.5737	-7.5662	-7.5507	-7.5585	-3.1751	-3.1639	-3.1612	-3.1625	1310.27100	1341.11000
.800	-6.086	-7.0038	-7.0089	-6.9944	-7.0016	-3.1623	-3.1455	-3.1437	-3.1446	1313.85100	1341.10001
.800	-5.589	-6.4531	-6.4577	-6.4415	-6.4496	-3.1351	-3.1142	-3.1104	-3.1123	1317.37700	1340.91000
.800	-5.093	-5.8892	-5.9017	-5.8859	-5.8938	-3.0977	-3.0786	-3.0759	-3.0773	1320.24500	1340.95000
.800	-4.602	-5.3327	-5.3361	-5.3205	-5.3283	-3.0629	-3.0426	-3.0406	-3.0416	1323.12300	1340.94000
.800	-4.115	-4.7937	-4.7987	-4.7844	-4.7915	-3.0600	-3.0426	-3.0406	-3.0413	1325.66499	1341.17000
.800	-3.628	-4.2520	-4.2557	-4.2395	-4.2476	-3.0524	-3.0362	-3.0333	-3.0348	1327.73300	1340.94000
.800	-3.141	-3.7037	-3.7063	-3.6902	-3.6983	-3.0513	-3.0358	-3.0333	-3.0344	1329.69400	1341.08000
.800	-2.652	-3.1485	-3.1466	-3.1302	-3.1347	-3.0447	-3.0300	-3.0271	-3.0285	1331.20799	1340.97000
.800	-2.172	-2.6091	-2.6076	-2.5900	-2.5988	-3.0433	-3.0307	-3.0294	-3.0301	1332.56500	1340.96001
.800	-1.683	-2.0507	-2.0507	-2.0350	-2.0428	-3.0523	-3.0362	-3.0355	-3.0358	1333.81000	1340.89000
.800	-1.198	-1.5091	-1.5016	-1.4846	-1.4931	-3.0381	-3.0340	-3.0346	-3.0343	1334.69600	1341.13000
.800	-.709	-.09604	-.09517	-.09374	-.09445	-3.0530	-3.0488	-3.0475	-3.0482	1335.44800	1341.25000
.800	-.223	-.04396	-.04286	-.04124	-.04205	-3.0655	-3.0620	-3.0598	-3.0609	1335.77600	1341.05000
.800	.286	.01319	.01269	.01429	.01349	-3.1010	-3.0956	-3.0951	-3.0954	1336.01401	1340.81000
.800	.796	.06874	.06819	.06985	.06902	-3.1174	-3.1115	-3.1112	-3.1114	1336.14101	1341.00000
GRADIENT		.11186	.11200	.11202	.11201	-.00076	-.00108	-.00112	-.00110	2.37851	-.00408

RUN NO. 1492/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DPACAL	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
.900	-7.086	-8.4170	-8.6660	-8.5695	-8.6178	-3.3105	-3.3070	-3.3025	-3.3048	1238.69299	1273.24001
.899	-6.578	-7.8200	-8.0723	-7.9804	-8.0264	-3.2904	-3.2889	-3.2836	-3.2863	1242.16499	1272.83000
.900	-6.086	-7.2709	-7.5222	-7.4299	-7.4760	-3.2552	-3.2421	-3.2367	-3.2394	1246.02100	1273.07001
.900	-5.594	-6.6830	-6.9372	-6.8414	-6.8893	-3.2377	-3.2158	-3.2154	-3.2156	1249.52699	1273.17000
.900	-5.099	-6.1007	-6.3522	-6.2584	-6.3053	-3.2141	-3.1909	-3.1906	-3.1907	1252.38499	1272.97000
.900	-4.605	-5.5263	-5.7852	-5.6900	-5.7376	-3.1946	-3.1699	-3.1680	-3.1690	1255.48801	1273.35001
.900	-4.123	-4.9593	-5.2102	-5.1161	-5.1632	-3.1800	-3.1571	-3.1547	-3.1559	1257.77901	1272.92000
.900	-3.634	-4.4095	-4.6590	-4.5653	-4.6122	-3.1531	-3.1308	-3.1295	-3.1301	1259.89400	1273.00000
.900	-3.146	-3.8489	-4.0871	-3.9930	-4.0401	-3.1517	-3.1297	-3.1280	-3.1288	1261.71001	1272.81000
.900	-2.659	-3.2870	-3.5321	-3.4384	-3.4852	-3.1482	-3.1273	-3.1250	-3.1261	1263.40601	1273.09000
.900	-2.174	-2.7069	-2.9477	-2.8555	-2.9016	-3.1481	-3.1275	-3.1256	-3.1266	1264.85300	1273.09000
.900	-1.693	-2.1281	-2.3710	-2.2780	-2.3245	-3.1330	-3.1330	-3.1316	-3.1323	1265.97400	1273.08000
.900	-1.209	-1.5803	-1.8053	-1.7136	-1.7594	-3.1482	-3.1321	-3.1306	-3.1314	1266.96100	1272.98000
.900	-.721	-1.0015	-1.2237	-1.1334	-1.1786	-3.1676	-3.1509	-3.1515	-3.1512	1267.54500	1272.91000
.900	-.237	-.04559	-.06773	-.05870	-.06322	-3.1666	-3.1611	-3.1622	-3.1616	1268.04201	1272.98000
.900	.275	.01322	.01050	.00138	.00594	-3.2211	-3.2046	-3.2040	-3.2043	1268.01401	1273.03000
.900	.785	.07073	.04711	.05618	.05164	-3.2401	-3.2241	-3.2242	-3.2245	1268.14101	1273.11000
GRADIENT		.11604	.11654	.11645	.11649	-.00081	-.00099	-.00103	-.00101	2.36290	-.01150

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(UCMO43) ( 04 OCT 91 )

PARAMETRIC DATA

BETA = -3.000 PHI = 180.000

RUN NO. 1476/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DPACAL	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
1.100	-7.037	-84752	-84910	-84754	-84832	-34580	-34640	-34552	-34596	1171.05299	1205.05000
1.100	-6.520	-78917	-78980	-78830	-78905	-34354	-34399	-34371	-34385	1174.50200	1204.95799
1.100	-6.029	-73168	-73205	-73047	-73126	-34071	-34105	-34068	-34087	1177.90100	1204.81400
1.100	-5.526	-67182	-67266	-67121	-67193	-33774	-33825	-33809	-33817	1181.09399	1204.49899
1.100	-5.034	-61299	-61357	-61196	-61276	-33670	-33602	-33588	-33595	1184.10100	1204.66400
1.102	-4.532	-55517	-55597	-55420	-55509	-33277	-33178	-33172	-33175	1184.84300	1202.10500
1.101	-4.038	-49808	-49716	-49548	-49632	-33219	-33101	-33073	-33087	1186.99800	1202.56599
1.100	-3.545	-43916	-43928	-43743	-43835	-33031	-32904	-32880	-32892	1190.20599	1203.44800
1.100	-3.037	-38029	-38042	-37860	-37951	-32825	-32738	-32714	-32726	1192.90900	1204.31799
1.100	-2.557	-32143	-32217	-32045	-32131	-32729	-32577	-32576	-32577	1195.16600	1204.89500
1.100	-2.062	-26121	-26205	-26026	-26116	-32601	-32442	-32443	-32443	1196.78500	1204.85699
1.100	-1.566	-20263	-20263	-20190	-20282	-32348	-32191	-32186	-32189	1197.78900	1204.87801
1.099	-1.079	-14471	-14506	-14321	-14413	-32117	-31963	-31952	-31958	1198.65300	1204.86600
1.100	-.581	-.08626	-.08650	-.08475	-.08562	-32089	-31908	-31911	-31909	1199.31200	1204.63699
1.100	-.094	-.02984	-.03023	-.02849	-.02936	-32084	-31912	-31922	-31917	1199.72099	1204.73300
1.100	.416	.02918	.02692	.02891	.02791	-32200	-32005	-32021	-32013	1199.95200	1204.50000
1.100	.920	.08702	.08489	.08661	.08575	-32196	-32045	-32057	-32051	1200.16400	1204.88699
	GRADIENT	.11831	.11799	.11800	.11800	.00236	.00251	.00244	.00248	2.79277	.41367

RUN NO. 1516/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DPACAL	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
1.250	-7.066	-92816	-92966	-92759	-92863	-36381	-36243	-36224	-36234	1148.19901	1182.99400
1.251	-6.560	-86558	-86616	-86412	-86514	-36232	-36007	-35978	-35993	1152.10400	1182.24100
1.250	-6.061	-80167	-80257	-80005	-80131	-36470	-36146	-36142	-36144	1155.40601	1181.89600
1.250	-5.570	-73836	-73932	-73728	-73830	-36165	-35826	-35810	-35818	1159.64799	1182.61800
1.250	-5.073	-67526	-67670	-67455	-67563	-35660	-35400	-35398	-35349	1163.06000	1182.72900
1.250	-4.583	-60665	-60886	-60657	-60772	-35451	-35228	-35111	-35169	1164.90700	1182.20100
1.250	-4.095	-54430	-54641	-54414	-54527	-35057	-34839	-34726	-34782	1167.16800	1182.91100
1.250	-3.601	-48152	-48278	-48050	-48164	-35022	-34746	-34653	-34699	1168.73199	1182.15601
1.250	-3.110	-42067	-42143	-41935	-42039	-34746	-34468	-34470	-34469	1170.97200	1182.68800
1.250	-2.627	-35714	-35850	-35641	-35746	-34774	-34517	-34521	-34519	1172.93100	1182.77901
1.250	-2.138	-29510	-29563	-29355	-29459	-34444	-34267	-34257	-34262	1173.72701	1182.03400
1.250	-1.654	-23301	-23288	-23080	-23184	-34347	-34254	-34254	-34254	1175.22400	1182.66299
1.250	-1.167	-17140	-17035	-16829	-16932	-34386	-34274	-34285	-34279	1176.26601	1182.63200
1.250	-.673	-10855	-10692	-10496	-10594	-34486	-34397	-34405	-34401	1176.66901	1182.56900
1.250	-.189	-.04799	-.04607	-.04429	-.04561	-34561	-34572	-34569	-34568	1177.03799	1182.37500
1.250	.322	.01667	.01707	.01883	.01795	-35026	-34907	-34833	-34870	1177.10500	1182.42999
1.250	.832	.07990	.08006	.08173	.08089	-35213	-35084	-35014	-35049	1177.36400	1182.67200
	GRADIENT	.12703	.12768	.12756	.12762	.00055	.00023	.00012	.00017	2.31127	.01411

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(UCMO43) ( 04 OCT 91 )

PARAMETRIC DATA

BETA = -3.000 PHI = 180.000

RUN NO. 1532/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DPACAL	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
1.400	-7.064	-1.06192	-1.06490	-1.06218	-1.06354	-40823	-38270	-40840	-39555	1129.18700	1163.84700
1.400	-6.554	-99201	-99486	-99275	-99380	-40541	-37990	-40558	-39274	1133.53101	1164.42400
1.400	-6.059	-92127	-92440	-92227	-92333	-40351	-37752	-40326	-39039	1137.13400	1164.10800
1.400	-5.563	-84852	-84989	-84763	-84876	-40086	-37504	-40087	-38796	1140.71899	1164.31700
1.400	-5.068	-77341	-77476	-77262	-77369	-40156	-37535	-40104	-38820	1143.29100	1163.97200
1.400	-4.578	-70160	-70348	-70128	-70238	-40101	-37292	-39850	-38571	1146.60600	1164.75301
1.400	-4.085	-63074	-63206	-62986	-63096	-40109	-37292	-39874	-38583	1149.41800	1164.10300
1.399	-3.594	-55962	-56096	-55868	-55982	-39898	-37058	-39631	-38344	1151.33299	1163.66701
1.400	-3.103	-48579	-48695	-48506	-48600	-39778	-36939	-39514	-38227	1153.80800	1164.41499
1.400	-2.616	-41493	-41558	-41333	-41445	-39544	-36731	-39301	-38016	1155.62199	1164.27200
1.400	-2.126	-34150	-34287	-34071	-34179	-39475	-36612	-39200	-37906	1156.57600	1164.16600
1.399	-1.639	-26990	-27077	-26890	-26984	-39434	-36559	-39142	-37851	1157.95300	1164.39900
1.399	-1.150	-20058	-20131	-19922	-20027	-39193	-36334	-38942	-37638	1158.65800	1164.14900
1.400	-.660	-12713	-12697	-12507	-12602	-39305	-36466	-39069	-37768	1159.06500	1164.12100
1.400	-.336	-05680	-05599	-05411	-05505	-39629	-36727	-39338	-38032	1159.28999	1164.20900
1.400	.843	.08652	.08657	.08804	.08731	-40071	-37241	-39833	-38537	1159.60300	1164.19901
1.400		.14606	.14639	.14629	.14634	-40227	-37352	-39964	-38658	1160.14301	1164.46899
	GRADIENT					.00030	.00040	.00031	.00036	2.36906	-.00039

RUN NO. 1550/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DPACAL	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
1.449	-7.106	-1.12891	-1.13063	-1.12850	-1.12971	-42122	-42002	-41957	-41980	1122.55701	1158.44600
1.450	-6.598	-1.05228	-1.05514	-1.05333	-1.05423	-42267	-42119	-42080	-42099	1126.12500	1158.28700
1.450	-6.106	-97998	-98313	-98094	-98204	-41626	-41461	-41430	-41445	1130.38400	1158.62801
1.449	-5.614	-90261	-90494	-90302	-90398	-41403	-41232	-41202	-41217	1133.25900	1157.88499
1.450	-5.123	-82263	-82425	-82236	-82331	-41556	-41388	-41374	-41381	1135.60699	1158.39999
1.449	-4.630	-74856	-75042	-74859	-74951	-41273	-41097	-41081	-41089	1138.24699	1158.66100
1.450	-4.150	-67552	-67806	-67601	-67703	-41020	-40956	-40937	-40946	1140.93100	1158.39799
1.450	-3.665	-60368	-60615	-60396	-60505	-41240	-41128	-41111	-41119	1144.61200	1158.41701
1.450	-3.178	-52802	-53049	-52842	-52946	-40976	-40956	-40933	-40944	1146.49001	1157.80000
1.450	-2.698	-45266	-45495	-45304	-45400	-40913	-40878	-40870	-40874	1148.69299	1158.87399
1.450	-2.219	-37585	-37724	-37533	-37629	-40833	-40797	-40795	-40796	1149.92200	1158.27400
1.450	-1.734	-30035	-30132	-29957	-30044	-40964	-40956	-40954	-40955	1151.06000	1158.74300
1.450	-1.255	-22689	-22766	-22574	-22674	-40921	-40894	-40877	-40885	1151.50700	1158.38300
1.450	-.772	-15139	-15013	-14855	-14934	-41202	-41170	-41180	-41175	1151.27100	1158.02499
1.450	-.288	-07739	-07609	-07453	-07531	-41629	-41616	-41610	-41613	1151.60400	1158.50500
1.451	.225	.00120	.00193	.00281	.00237	-42350	-42313	-42323	-42318	1152.35300	1158.20100
1.450	.732	.07689	.07653	.07773	.07773	-42875	-42817	-42831	-42824	1152.50800	1158.39999
	GRADIENT					.00244	.00260	.00266	.00263	2.45887	-.02818

(UCMO43) ( 04 OCT 91 )

PARAMETRIC DATA

BETA = -3.000 PHI = 180.000

RUN NO. 1634/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DPACAL	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
1.469	-7.100	-1.15256	-1.14948	-1.14782	-1.14865	-43564	-43472	-43410	-43441	1108.72400	1147.47783
1.469	-6.593	-1.07620	-1.07317	-1.07149	-1.07233	-42667	-42566	-42504	-42535	1111.84900	1147.44225
1.470	-6.099	-1.00098	-99899	-99744	-99821	-42638	-42533	-42470	-42502	1115.24200	1147.37823
1.469	-5.607	-92645	-92489	-92320	-92405	-42615	-42483	-42429	-42456	1119.35001	1147.76453
1.469	-5.111	-84782	-84642	-84473	-84557	-42555	-42359	-42308	-42334	1122.67200	1147.59692
1.469	-4.624	-76761	-76552	-76377	-76464	-42078	-41891	-41848	-41869	1125.12500	1147.52531
1.470	-4.135	-68632	-68488	-68304	-68396	-41991	-41701	-41663	-41682	1125.90700	1147.94356
1.470	-3.649	-60932	-60818	-60624	-60721	-41853	-41546	-41514	-41530	1127.60699	1148.07851
1.469	-3.165	-53269	-53144	-52940	-53042	-41572	-41266	-41232	-41249	1129.58900	1148.62947
1.469	-2.682	-45749	-45515	-45316	-45416	-41237	-40897	-40851	-40874	1131.16800	1148.55392
1.469	-2.199	-37952	-37800	-37616	-37708	-41308	-41008	-40985	-40996	1132.58800	1148.14864
1.469	-1.719	-30518	-30479	-30293	-30386	-41369	-41043	-41028	-41035	1134.11000	1148.33899
1.469	-1.235	-22988	-23010	-22808	-22909	-41457	-41153	-41108	-41130	1135.19501	1148.51538
1.470	-.749	-15212	-15196	-14993	-15095	-41743	-41440	-41389	-41415	1135.62199	1148.23425
1.471	-.267	-07839	-07923	-07726	-07825	-41724	-41814	-41790	-41802	1136.07899	1148.03864
1.469	.244	-00091	-00025	.00021	-00002	-42879	-42566	-42549	-42558	1136.38100	1148.14981
1.469	.756	.07642	.07541	.07737	.07639	-43380	-43070	-43034	-43052	1136.58200	1147.92781
GRADIENT		.15686	.15637	.15629	.15633	-00187	-00177	-00178	-00177	2.32007	.02900

RUN NO. 1585/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DPACAL	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
1.491	-7.089	-1.20688	-1.20409	-1.20290	-1.20349	-44974	-44710	-44686	-44698	1100.50700	1140.65102
1.491	-6.585	-1.13499	-1.13231	-1.13140	-1.13185	-44607	-44362	-44323	-44342	1102.35500	1140.69691
1.492	-6.093	-1.05350	-1.05146	-1.05029	-1.05087	-44459	-44196	-44159	-44177	1105.11000	1141.04491
1.491	-5.601	-98071	-97825	-97675	-97750	-44128	-43801	-43763	-43782	1107.51900	1141.21561
1.491	-5.108	-90416	-90162	-90018	-90090	-44440	-44112	-44069	-44090	1110.05800	1140.81279
1.492	-4.614	-82316	-82028	-81897	-81963	-44300	-43991	-43959	-43975	1111.52600	1141.22350
1.492	-4.132	-74879	-74661	-74521	-74591	-44745	-44423	-44383	-44403	1113.79700	1141.21460
1.491	-3.646	-66707	-66610	-66444	-66527	-44813	-44472	-44439	-44455	1115.07401	1140.77301
1.491	-3.156	-58590	-58485	-58331	-58408	-44836	-44514	-44495	-44504	1117.39200	1141.70267
1.491	-2.672	-50840	-50531	-50372	-50452	-44893	-44547	-44538	-44542	1119.07201	1140.89449
1.491	-2.191	-42585	-42314	-42155	-42235	-44852	-44836	-44852	-44844	1120.17999	1140.86400
1.492	-1.708	-34454	-34278	-34117	-34197	-45606	-45252	-45252	-45247	1121.22099	1141.54141
1.492	-1.224	-26303	-26237	-26087	-26162	-46114	-45788	-45807	-45798	1121.62500	1141.17798
1.491	-.736	-17825	-17850	-17623	-17736	-46748	-46439	-46457	-46448	1121.28900	1140.96742
1.491	-.252	-09524	-09532	-09374	-09453	-47405	-47095	-47101	-47098	1121.38901	1141.36714
1.491	.260	-00770	-00747	-00673	-00710	-48317	-47958	-47972	-47965	1121.62500	1141.50122
1.491	.772	.07847	.07692	.07867	.07780	-48669	-48334	-48357	-48345	1121.65800	1141.32324
GRADIENT		.16815	.16752	.16753	.16753	-00804	-00802	-00814	-00808	1.81945	.04099

(UCMO43) ( 04 OCT 91 )

PARAMETRIC DATA

BETA = -3.000 PHI = 180.000

MACH	ALPHA	DPACAL	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
1.516	-7.094	-1.36658	-1.36238	-1.36151	-1.36194	-50560	-50363	-50335	-50349	1106.63699	1136.94691
1.516	-6.586	-1.28817	-1.28252	-1.28148	-1.28200	-50987	-50797	-50756	-50777	1110.89101	1136.57768
1.516	-6.094	-1.20701	-1.20097	-1.19984	-1.20041	-50503	-50325	-50302	-50314	1114.00101	1137.08788
1.517	-5.600	-1.11798	-1.11325	-1.11231	-1.11278	-50982	-50760	-50737	-50748	1118.38901	1138.50980
1.517	-5.109	-1.02444	-1.02068	-1.01948	-1.02008	-50471	-50243	-50227	-50235	1121.97000	1139.00899
1.517	-4.619	-93046	-92686	-92570	-92628	-50212	-49985	-49956	-49970	1122.85400	1138.94528
1.517	-4.132	-84303	-83825	-83697	-83761	-50496	-50237	-50212	-50224	1122.80600	1138.42783
1.517	-3.646	-76467	-76008	-75886	-75947	-51259	-51023	-51000	-51011	1122.71600	1137.44493
1.516	-3.155	-67526	-67221	-67070	-67146	-51660	-51376	-51359	-51367	1122.86000	1136.77771
1.516	-2.672	-57981	-57683	-57536	-57610	-52676	-52325	-52362	-52343	1123.59900	1135.88556
1.517	-2.189	-48131	-47764	-47623	-47694	-52904	-52623	-52671	-52647	1124.28101	1135.34862
1.517	-1.706	-38132	-37824	-37667	-37746	-53717	-53411	-53463	-53437	1126.26300	1136.62648
1.516	-1.222	-28302	-28170	-28018	-28094	-53843	-53559	-53631	-53595	1128.55701	1138.08897
1.517	-736	-18357	-18299	-18093	-18196	-54094	-53824	-53844	-53834	1129.60500	1137.71519
1.516	-252	-08877	-08803	-08656	-08729	-55079	-54681	-54681	-54665	1129.21201	1137.16054
1.517	.260	.01307	.01212	.01382	.01297	-55079	-54838	-54849	-54843	1128.59700	1136.28415
1.517	.772	.10803	.10766	.10934	.10850	-55285	-55025	-55049	-55037	1127.74400	1135.64705
1.517	.19574	.19473	.19484	.19484	.19479	-00996	-00995	-01007	-01001	1.44369	-32389

RUN NO. 1601/ O RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DPACAL	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
1.541	-7.093	-1.35201	-1.34697	-1.34573	-1.34635	-54501	-54381	-54341	-54361	1117.55000	1135.28098
1.541	-6.587	-1.23870	-1.23290	-1.23200	-1.23245	-52738	-52526	-52538	-52532	1119.54500	1135.58594
1.541	-6.093	-1.12676	-1.12125	-1.11998	-1.12061	-51821	-51617	-51570	-51593	1121.44000	1135.34811
1.541	-5.601	-1.01567	-1.01249	-1.01102	-1.01176	-50313	-50177	-50145	-50161	1122.24001	1135.15637
1.541	-5.110	-90836	-90577	-90424	-90500	-49723	-49504	-49467	-49486	1122.27400	1134.70836
1.542	-4.618	-80118	-79847	-79676	-79762	-48864	-48627	-48596	-48612	1121.85100	1134.64713
1.541	-4.127	-69975	-69801	-69626	-69714	-48386	-48128	-48084	-48106	1121.61900	1134.56398
1.541	-3.644	-60334	-60054	-59873	-59963	-47816	-47583	-47565	-47574	1121.45500	1134.38939
1.541	-3.155	-50977	-50651	-50481	-50566	-46776	-46433	-46397	-46415	1121.64600	1134.08499
1.541	-2.672	-41432	-41228	-41029	-41129	-45334	-44973	-44947	-44960	1122.06300	1133.73839
1.541	-2.187	-31971	-31829	-31667	-31748	-42247	-42070	-42044	-42057	1122.73900	1133.14717
1.541	-1.707	-24300	-24207	-24040	-24124	-40292	-40052	-40042	-40047	1122.80901	1133.31122
1.541	-1.220	-17437	-17380	-17217	-17298	-38918	-38610	-38607	-38608	1123.06799	1132.68849
1.541	-730	-10717	-10595	-10406	-10500	-38225	-37921	-37897	-37909	1122.80299	1132.47604
1.541	-250	-04549	-04356	-04182	-04269	-38274	-37983	-37985	-37984	1122.48100	1132.17139
1.541	.259	.02139	.02088	.02269	.02178	-38270	-37949	-37955	-37952	1122.41299	1132.22159
1.541	.770	.08831	.08813	.08957	.08885	-38427	-38091	-38093	-38092	1122.57500	1131.84113
1.541	.16478	.16426	.16426	.16424	.16425	-02409	-02422	-02414	-02418	1.22264	-56269

GRADIENT

IA310 (AEDC 16TF-783) PROBE CALIBRATION (UCMO44) ( 04 OCT 91 )

PARAMETRIC DATA

BETA = -2.500 PHI = 180.000

RUN NO. 1570/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DPACAL	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
.599	-7.098	-.67424	-.67444	-.67284	-.67364	-.21322	-.21192	-.21154	-.21173	1567.25101	1597.11000
.599	-6.592	-.62838	-.62837	-.62688	-.62762	-.21357	-.21223	-.21182	-.21203	1571.25600	1596.35001
.599	-6.103	-.58334	-.58260	-.58093	-.58177	-.21013	-.20899	-.20876	-.20888	1574.85500	1597.37000
.599	-5.605	-.53704	-.53573	-.53461	-.53517	-.20652	-.20552	-.20523	-.20538	1578.02299	1596.78999
.599	-5.117	-.48930	-.48809	-.48649	-.48729	-.20441	-.20402	-.20392	-.20397	1580.73599	1597.17000
.599	-4.631	-.44332	-.44315	-.44150	-.44232	-.20237	-.20214	-.20187	-.20201	1583.54401	1596.72000
.600	-4.147	-.40034	-.39905	-.39741	-.39823	-.20207	-.20128	-.20095	-.20111	1585.43100	1597.36000
.600	-3.656	-.35523	-.35489	-.35328	-.35409	-.20252	-.20168	-.20144	-.20156	1587.39999	1597.17000
.599	-3.174	-.30837	-.30899	-.30727	-.30813	-.20324	-.20225	-.20209	-.20217	1589.14900	1596.96001
.600	-2.697	-.26372	-.26455	-.26283	-.26369	-.20265	-.20172	-.20164	-.20168	1590.70399	1597.28000
.600	-2.219	-.21805	-.21961	-.21774	-.21867	-.20234	-.20159	-.20151	-.20155	1591.94299	1596.71001
.600	-1.743	-.17243	-.17312	-.17148	-.17230	-.20354	-.20305	-.20274	-.20289	1592.95700	1597.45000
.600	-1.267	-.12922	-.12958	-.12796	-.12877	-.20359	-.20300	-.20278	-.20289	1593.71600	1597.05000
.599	-.789	-.08450	-.08527	-.08354	-.08441	-.20613	-.20541	-.20523	-.20532	1594.21600	1596.45000
.600	-.311	-.04212	-.04240	-.04086	-.04163	-.20932	-.20881	-.20887	-.20884	1594.50500	1597.23000
.600	.200	.00503	.00293	.00470	.00381	-.21434	-.21363	-.21354	-.21358	1594.72301	1597.16000
.600	.717	.04989	.04920	.05096	.05008	-.21795	-.21753	-.21757	-.21755	1594.71899	1597.22000
	GRADIENT	.09303	.09264	.09265	.09265	-.00253	-.00256	-.00261	-.00258	2.10923	.01209

RUN NO. 1460/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DPACAL	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
.800	-7.069	-.80833	-.80751	-.80624	-.80687	-.26229	-.26137	-.26084	-.26110	1307.51500	1341.21001
.800	-6.563	-.75179	-.75117	-.74969	-.75043	-.26290	-.26199	-.26148	-.26174	1311.66901	1341.10001
.800	-6.066	-.69540	-.69582	-.69444	-.69513	-.26089	-.25980	-.25933	-.25957	1315.11800	1340.78000
.800	-5.573	-.63888	-.64038	-.63883	-.63960	-.25807	-.25618	-.25582	-.25600	1318.64400	1341.08000
.800	-5.085	-.58326	-.58464	-.58304	-.58384	-.25485	-.25309	-.25287	-.25298	1321.70700	1340.92000
.800	-4.594	-.52792	-.52885	-.52733	-.52809	-.25212	-.25048	-.25025	-.25036	1324.42700	1341.14000
.800	-4.100	-.47425	-.47495	-.47342	-.47419	-.24827	-.24668	-.24652	-.24660	1326.88200	1340.95000
.800	-3.613	-.42043	-.42100	-.41957	-.42028	-.24742	-.24631	-.24611	-.24621	1329.01100	1340.85001
.800	-3.126	-.36543	-.36571	-.36418	-.36494	-.24835	-.24686	-.24680	-.24683	1330.81700	1341.03000
.800	-2.638	-.30995	-.31161	-.31002	-.31082	-.24761	-.24675	-.24661	-.24668	1332.61000	1341.03000
.800	-2.158	-.25653	-.25656	-.25512	-.25584	-.24677	-.24531	-.24532	-.24532	1333.77901	1340.97000
.800	-1.675	-.20172	-.20172	-.20094	-.20094	-.24731	-.24633	-.24618	-.24625	1334.98100	1341.03999
.800	-1.194	-.14843	-.14790	-.14645	-.14718	-.24698	-.24573	-.24568	-.24571	1335.82300	1340.99001
.800	-.709	-.09479	-.09416	-.09274	-.09345	-.24909	-.24796	-.24781	-.24789	1336.41000	1340.86000
.800	-.229	-.04318	-.04245	-.04082	-.04163	-.25144	-.25015	-.25010	-.25012	1336.74899	1341.08000
.800	.283	.01268	.01195	.01363	.01279	-.25263	-.25146	-.25146	-.25146	1337.11099	1341.10001
.800	.797	.06738	.06652	.06821	.06737	-.25878	-.25715	-.25705	-.25710	1337.18500	1341.00999
	GRADIENT	.11099	.11113	.11116	.11115	-.00127	-.00127	-.00129	-.00128	2.33268	.00450

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(UCMO44) ( 04 OCT 91 )

PARAMETRIC DATA

BETA = -2.500 PHI = 180.000

RUN NO. 1493/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DPACAL	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
.900	-7.073	-83723	-86207	-85287	-85747	-26978	-26942	-26908	-26925	1240.01601	1273.25000
.900	-6.565	-77713	-80279	-79333	-79806	-27162	-27042	-27005	-27023	1243.69400	1273.00000
.899	-6.070	-72066	-74585	-73657	-74121	-26851	-26715	-26689	-26702	1247.38100	1273.02000
.900	-5.578	-66326	-68897	-67937	-68417	-26466	-26355	-26310	-26332	1250.71300	1272.94000
.900	-5.088	-60520	-63130	-62177	-62653	-26056	-25935	-25879	-25907	1253.87300	1272.95000
.900	-4.596	-54795	-57396	-56452	-56924	-25849	-25681	-25641	-25661	1256.67400	1273.14999
.900	-4.106	-49220	-51743	-50800	-51271	-25788	-25591	-25548	-25569	1258.95399	1272.78000
.900	-3.618	-43592	-46122	-45204	-45663	-25711	-25505	-25477	-25491	1261.19800	1272.94000
.900	-3.129	-38060	-40417	-39469	-39943	-25712	-25458	-25440	-25449	1262.97000	1272.78000
.900	-2.645	-32271	-34691	-33771	-34231	-25645	-25414	-25397	-25406	1264.71001	1272.97000
.900	-2.163	-26569	-29010	-28086	-28548	-25476	-25352	-25341	-25347	1266.06000	1273.07001
.900	-1.685	-20908	-23337	-22411	-22874	-25553	-25401	-25380	-25390	1267.11700	1273.14999
.900	-1.202	-15473	-17745	-16814	-17280	-25546	-25412	-25404	-25408	1267.85899	1272.73000
.900	-.722	-.09859	-12103	-11190	-11647	-25792	-25655	-25647	-25651	1268.99001	1272.95000
.900	-.241	-.04571	-.06795	-.05896	-.06346	-25997	-25864	-25847	-25856	1268.99001	1272.95000
.900	.270	.01349	.01061	.00140	.00600	-26486	-26339	-26312	-26326	1269.26500	1272.98000
.900	.787	.07035	.04640	.05562	.05101	-26762	-26607	-26598	-26602	1269.46001	1273.07001
.900	GRADIENT	.11542	.11589	.11583	.11586	.00134	.00148	.00153	.00150	2.34759	.01119

RUN NO. 1477/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DPACAL	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
1.100	-7.032	-84258	-84434	-84263	-84349	-28521	-28602	-28570	-28586	1171.79700	1204.81200
1.100	-6.521	-78491	-78593	-78440	-78516	-28289	-28352	-28312	-28332	1175.61301	1204.85100
1.100	-6.020	-72568	-72614	-72456	-72535	-28381	-28423	-28381	-28402	1179.19901	1204.78400
1.100	-5.523	-66786	-66913	-66728	-66820	-27942	-27913	-27877	-27895	1182.53500	1204.68900
1.100	-5.026	-60858	-60994	-60803	-60898	-27690	-27623	-27604	-27614	1185.57800	1204.80000
1.100	-4.534	-55107	-55204	-55023	-55113	-27316	-27246	-27236	-27241	1188.16100	1204.52400
1.100	-4.035	-49415	-49327	-49160	-49243	-27221	-27153	-27132	-27143	1190.75301	1204.62300
1.100	-3.535	-43625	-43617	-43454	-43536	-27004	-26848	-26833	-26841	1192.90300	1204.75101
1.100	-3.035	-37513	-37531	-37345	-37438	-27096	-26928	-26928	-26928	1194.98801	1204.78101
1.100	-2.549	-31597	-31708	-31521	-31614	-26830	-26674	-26652	-26663	1196.46201	1204.75101
1.100	-2.058	-25747	-25855	-25661	-25758	-26531	-26391	-26362	-26376	1197.72501	1204.80499
1.100	-1.566	-19839	-19951	-19756	-19854	-26447	-26305	-26269	-26291	1198.95399	1204.86900
1.100	-1.077	-14159	-14215	-14032	-14123	-26265	-26106	-26069	-26087	1199.65601	1204.82001
1.100	-.583	-.08537	-.08523	-.08332	-.08427	-26191	-26051	-26011	-26031	1200.39200	1204.70300
1.100	-.099	-.02906	-.02988	-.02787	-.02887	-26220	-26075	-26041	-26058	1200.79100	1204.79601
1.100	.414	.02997	.02738	.02951	.02844	-26363	-26217	-26192	-26204	1201.08000	1204.77901
1.100	.921	.08688	.08454	.08618	.08536	-26425	-26250	-26232	-26241	1201.08000	1204.71300
1.100	GRADIENT	.11762	.11727	.11730	.11728	.00207	.00219	.00222	.00221	2.32195	.02602



IA310 (AEDC 16TF-783) PROBE CALIBRATION (UCM044) ( 04 OCT 91 )

PARAMETRIC DATA

BETA = -2.500 PHI = 180.000

RUN NO. 1517/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DPACAL	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
1.400	-7.059	-92363	-92512	-92285	-92398	-29836	-29782	-29760	-29771	1149.36301	1182.40300
1.250	-6.549	-86054	-86109	-85894	-86002	-29849	-29714	-29683	-29698	1153.47099	1182.40300
1.250	-6.056	-79752	-79789	-79575	-79682	-29783	-29601	-29571	-29586	1157.39101	1182.43900
1.250	-5.559	-73388	-73422	-73186	-73304	-29724	-29473	-29450	-29462	1161.01801	1182.33900
1.250	-5.062	-66716	-66888	-66661	-66775	-29101	-28855	-28843	-28849	1163.74800	1181.98199
1.250	-4.571	-60276	-60481	-60263	-60372	-28743	-28490	-28473	-28482	1166.22400	1182.89101
1.250	-4.078	-54000	-54198	-53971	-54084	-28661	-28397	-28378	-28388	1168.12801	1182.53799
1.250	-3.587	-47817	-47930	-47701	-47815	-28383	-28159	-28140	-28149	1170.10899	1182.19600
1.250	-3.101	-41512	-41599	-41374	-41487	-28268	-28062	-28053	-28058	1172.06700	1182.40401
1.250	-2.615	-35236	-35376	-35159	-35268	-28088	-27892	-27890	-27891	1174.36501	1182.77901
1.250	-2.128	-29067	-29082	-28877	-28979	-27939	-27759	-27741	-27750	1175.30499	1182.36501
1.250	-1.645	-22850	-22812	-22612	-22712	-28008	-27808	-27802	-27805	1176.07800	1182.28799
1.250	-1.159	-16735	-16602	-16428	-16515	-28020	-27837	-27836	-27836	1177.81400	1183.22301
1.250	-.679	-10679	-10544	-10344	-10444	-28234	-28040	-28049	-28044	1178.05901	1182.41499
1.250	-.193	-04643	-04471	-04281	-04376	-28526	-28316	-28338	-28327	1177.73700	1182.16200
1.250	.318	.01670	.01718	.01902	.01810	-28985	-28784	-28785	-28785	1178.73399	1182.81500
1.249	.832	.07894	.07962	.08128	.08045	-29167	-28925	-28949	-28937	1178.12900	1181.96600
		.12661	.12726	.12715	.12721	-00060	-00066	-00074	-00070	2.29364	-04771

RUN NO. 1533/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DPACAL	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
1.400	-7.053	-105827	-106101	-105878	-105990	-33334	-30818	-33372	-32095	1130.67999	1164.44501
1.400	-6.544	-98693	-98957	-98751	-98854	-33001	-30506	-33071	-31789	1134.71100	1164.19000
1.400	-6.050	-91385	-91659	-91459	-91559	-32762	-30292	-32838	-31565	1138.12601	1164.37000
1.400	-5.553	-84152	-84263	-84040	-84151	-32867	-30204	-32774	-31489	1141.72000	1164.18800
1.400	-5.060	-76767	-76907	-76700	-76803	-32752	-30091	-32655	-31373	1144.46500	1164.23300
1.400	-4.564	-69843	-69983	-69756	-69869	-32620	-29886	-32464	-31175	1147.83299	1164.36301
1.400	-4.076	-62827	-62941	-62710	-62826	-32394	-29658	-32220	-30939	1150.09801	1163.87700
1.400	-3.582	-55567	-55704	-55474	-55589	-32210	-29484	-32061	-30773	1152.93300	1164.52699
1.400	-3.092	-48122	-48239	-48024	-48132	-32159	-29407	-31992	-30700	1154.41100	1164.23599
1.400	-2.605	-41036	-41088	-40868	-40978	-31957	-29201	-31777	-30489	1156.58400	1164.37399
1.400	-2.118	-33637	-33769	-33548	-33659	-31796	-29020	-31609	-30315	1157.25900	1163.77499
1.400	-1.634	-26219	-26339	-26134	-26236	-31860	-29098	-31697	-30397	1158.49200	1164.60600
1.400	-1.148	-19460	-19529	-19324	-19427	-31843	-29069	-31657	-30363	1158.64999	1163.99600
1.400	-.662	-12592	-12442	-12252	-12347	-31954	-29190	-31786	-30488	1158.98599	1164.10600
1.400	-.177	-05721	-05608	-05420	-05514	-32363	-30608	-32212	-30910	1159.80600	1164.33200
1.400	.333	.01596	.01546	.01731	.01638	-32926	-30133	-32728	-31431	1159.70500	1164.19800
1.400	.845	.08694	.08688	.08844	.08766	-33109	-30347	-32950	-31649	1160.27901	1164.27499
		.14585	.14622	.14610	.14616	-00072	-00064	-00070	-00067	2.15339	-00277

(UCMO44) ( 04 OCT 91 )

## PARAMETRIC DATA

BETA = -2.500 PHI = 180.000

RUN NO. 1551/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DPACAL	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
1.450	-7.083	-1.12235	-1.12419	-1.12226	-1.12322	-34064	-34026	-33962	-33994	1124.07201	1158.24400
1.450	-6.580	-1.04725	-1.04994	-1.04803	-1.04899	-34077	-34007	-33947	-33977	1127.31700	1158.35400
1.451	-6.087	-97250	-97546	-97316	-97431	-33744	-33664	-33624	-33644	1131.31500	1158.53300
1.450	-5.596	-89240	-89409	-89271	-89340	-33868	-33795	-33759	-33777	1134.10899	1158.15100
1.450	-5.106	-81751	-81913	-81712	-81813	-33216	-33152	-33124	-33138	1136.53799	1158.71300
1.450	-4.616	-74309	-74523	-74333	-74428	-33184	-33101	-33071	-33086	1139.37000	1158.31400
1.450	-4.127	-67387	-67642	-67442	-67542	-33086	-33079	-33040	-33060	1143.21899	1158.52499
1.450	-3.640	-59786	-60052	-59829	-59940	-32944	-32944	-32890	-32917	1145.87300	1158.71700
1.449	-3.158	-52147	-52383	-52194	-52288	-33051	-33148	-33131	-33139	1148.34500	1158.75400
1.449	-2.676	-44434	-44677	-44467	-44572	-32621	-32717	-32683	-32700	1149.24200	1158.32201
1.450	-2.202	-36924	-36941	-36747	-36844	-32534	-32591	-32567	-32579	1149.92300	1158.09700
1.450	-1.726	-29342	-29451	-29247	-29349	-32641	-32715	-32679	-32697	1151.02800	1158.94901
1.450	-1.249	-22004	-22115	-21926	-22021	-32973	-33030	-33019	-33025	1150.99400	1158.21100
1.450	-0.769	-14866	-14752	-14567	-14660	-33362	-33459	-33441	-33450	1151.19200	1157.92599
1.450	-0.291	-07651	-07488	-07329	-07408	-33889	-33987	-33966	-33976	1151.48500	1158.36000
1.450	.220	.00229	.00195	.00343	.00269	-34705	-34757	-34674	-34716	1152.33400	1158.57300
1.450	.736	.07779	.07775	.07943	.07859	-35246	-35292	-35201	-35247	1151.97501	1157.94200
1.450		.15474	.15542	.15533	.15537	-00339	-00358	-00352	-00355	2.02879	-0.07089

RUN NO. 1635/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DPACAL	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
1.470	-7.080	-1.14406	-1.14080	-1.13934	-1.14007	-34944	-34973	-34793	-34883	1109.33900	1147.28616
1.469	-6.577	-1.07000	-1.06839	-1.06564	-1.06702	-34546	-34553	-34473	-34513	1113.00700	1148.02013
1.469	-6.086	-99588	-99401	-99240	-99321	-34479	-34491	-34421	-34456	1117.22900	1148.02310
1.469	-5.591	-92108	-91946	-91782	-91864	-34412	-34401	-34346	-34373	1121.10300	1148.37094
1.470	-5.097	-84064	-83864	-83685	-83774	-34314	-34202	-34139	-34171	1124.30400	1148.06918
1.470	-4.609	-75846	-75656	-75472	-75564	-34006	-33864	-33816	-33840	1125.90300	1147.67125
1.468	-4.120	-68228	-68132	-67916	-68024	-33534	-33345	-33283	-33314	1126.96800	1148.13445
1.470	-3.632	-60459	-60355	-60155	-60255	-33518	-33306	-33250	-33278	1128.41200	1148.27751
1.470	-3.150	-52530	-52393	-52205	-52293	-33231	-33032	-32996	-33014	1130.10201	1148.43623
1.471	-2.670	-45139	-44894	-44706	-44800	-33071	-32901	-32844	-32872	1132.05000	1148.18036
1.470	-2.185	-37402	-37282	-37088	-37185	-33148	-32924	-32869	-32896	1133.77400	1148.74783
1.470	-1.710	-29770	-29738	-29556	-29647	-33017	-32800	-32745	-32772	1134.69000	1148.91394
1.470	-1.232	-22549	-22564	-22378	-22471	-33245	-33012	-32975	-32993	1134.61301	1149.20201
1.470	-0.748	-15173	-15159	-14954	-15057	-33753	-33537	-33498	-33518	1134.65700	1148.94406
1.471	-0.271	-07847	-07934	-07746	-07840	-34371	-34103	-34103	-34126	1134.56599	1148.73593
1.470	.242	.00222	.00149	.00118	.00134	-35306	-35032	-34920	-34976	1135.06000	1148.80836
1.470	.756	.07554	.07423	.07636	.07580	-35749	-35516	-35402	-35459	1135.77499	1167.60747
1.484		.15583	.15536	.15526	.15531	-00320	-00305	-00297	-00301	1.84374	1.70971

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(UCMO44) ( 04 OCT 91 )

PARAMETRIC DATA

BETA = -2.500 PHI = 180.000

RUN NO. 1586/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DPACAL	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
1.491	-7.079	-1.20470	-1.20182	-1.20061	-1.20122	-36371	-36119	-36104	-36111	1099.68700	1141.32596
1.492	-6.571	-1.12888	-1.12647	-1.12531	-1.12589	-35739	-35573	-35445	-35509	1102.92200	1141.23233
1.491	-6.082	-1.04757	-1.04557	-1.04429	-1.04493	-35859	-35635	-35566	-35601	1105.06200	1141.21019
1.491	-5.586	-0.97640	-0.97365	-0.97208	-0.97286	-35955	-35684	-35648	-35666	1108.08600	1141.35332
1.492	-5.091	-0.89846	-0.89584	-0.89461	-0.89522	-35869	-35626	-35551	-35629	1110.13499	1141.66812
1.492	-4.603	-0.82069	-0.81849	-0.81716	-0.81782	-35939	-35651	-35594	-35622	1111.81500	1141.21513
1.492	-4.111	-0.74132	-0.73933	-0.73789	-0.73861	-35678	-35474	-35385	-35430	1113.61600	1140.87955
1.491	-3.622	-0.66303	-0.66173	-0.66009	-0.66091	-35773	-35534	-35443	-35489	1115.75600	1141.11734
1.492	-3.141	-0.58298	-0.58197	-0.58117	-0.58117	-36108	-35803	-35711	-35807	1118.41000	1141.68948
1.492	-2.659	-0.50250	-0.49925	-0.49766	-0.49846	-36079	-35783	-35688	-35785	1119.74300	1141.30211
1.491	-2.175	-0.42468	-0.42166	-0.42016	-0.42091	-36480	-36128	-36149	-36138	1120.05600	1141.36385
1.491	-1.701	-0.34161	-0.33972	-0.33818	-0.33895	-36864	-36569	-36567	-36568	1120.49200	1141.38034
1.491	-1.219	-0.26034	-0.25987	-0.25822	-0.25905	-37546	-37256	-37273	-37264	1120.99699	1141.58096
1.492	-0.736	-0.17690	-0.17671	-0.17492	-0.17582	-38334	-38135	-38166	-38150	1120.90601	1141.13010
1.492	-0.256	-0.09450	-0.09400	-0.09260	-0.09330	-39155	-38888	-38910	-38899	1120.55000	1140.98337
1.492	.257	-0.0637	-0.0609	-0.0581	-0.0595	-40232	-39970	-39982	-39976	1120.56000	1141.15974
1.492	.772	.08042	.07889	.08064	.07976	-40706	-40409	-40434	-40422	1120.64999	1141.19699
GRADIENT		.16819	.16764	.16759	.16762	-00960	-00958	-00978	-00968	1.50893	-00410

RUN NO. 1602/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DPACAL	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
1.516	-7.084	-1.36790	-1.36353	-1.36262	-1.36308	-41110	-40919	-40877	-40898	1109.09500	1137.77322
1.516	-6.572	-1.28313	-1.27751	-1.27642	-1.27696	-41010	-40827	-40783	-40805	1112.12900	1137.32712
1.517	-6.076	-1.20005	-1.19384	-1.19274	-1.19329	-41005	-40873	-40839	-40856	1116.14999	1137.42755
1.517	-5.580	-1.11170	-1.10677	-1.10537	-1.10607	-40912	-40774	-40755	-40764	1119.84200	1138.37686
1.516	-5.096	-1.01779	-1.01409	-1.01277	-1.01343	-40106	-40001	-39952	-39976	1122.12601	1139.06238
1.517	-4.604	-0.92464	-0.92114	-0.91989	-0.92051	-39675	-39561	-39530	-39546	1123.49001	1140.30948
1.517	-4.112	-0.84259	-0.83797	-0.83672	-0.83734	-40565	-40270	-40242	-40256	1124.06100	1140.44110
1.517	-3.624	-0.75906	-0.75466	-0.75324	-0.75395	-41221	-40944	-40914	-40929	1125.45900	1140.81668
1.517	-3.139	-0.66696	-0.66383	-0.66243	-0.66313	-41610	-41379	-41357	-41368	1127.33000	1141.35782
1.517	-2.660	-0.56808	-0.56545	-0.56395	-0.56470	-42099	-41853	-41837	-41845	1129.18401	1140.75092
1.517	-2.178	-0.46929	-0.46829	-0.46780	-0.46854	-42463	-42213	-42199	-42206	1128.13300	1137.34457
1.517	-1.698	-0.37430	-0.37173	-0.37011	-0.37092	-42934	-42683	-42674	-42679	1128.12300	1137.34918
1.517	-1.218	-0.28063	-0.27945	-0.27774	-0.27860	-43272	-42962	-42975	-42969	1129.66800	1138.51256
1.517	-0.736	-0.18860	-0.18732	-0.18573	-0.18653	-43728	-43474	-43462	-43468	1130.74300	1138.61230
1.517	-0.255	-0.09322	-0.09238	-0.09102	-0.09170	-44614	-44359	-44340	-44350	1130.95500	1138.58453
1.517	.257	.00387	.00404	.00564	.00484	-45414	-45123	-45140	-45132	1130.81000	1137.86627
1.516	.771	.10203	.10173	.10340	.10256	-45615	-45326	-45325	-45326	1131.01199	1138.06995
GRADIENT		.19391	.19303	.19310	.19306	-01061	-01047	-01053	-01050	1.44189	-060269

IA310 (AEDC 16TF-783) PROBE CALIBRATION (UCMO44) ( 04 OCT 91 )

## PARAMETRIC DATA

BETA = -2.500 PHI = 180.000

RUN NO. 1617/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DPACAL	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
1.541	-7.079	-1.33409	-1.32903	-1.32776	-1.32839	-4.3797	-4.3712	-4.3623	-4.3668	1115.51300	1133.79608
1.541	-6.570	-1.22023	-1.21419	-1.21302	-1.21360	-4.2510	-4.2379	-4.2330	-4.2354	1119.57899	1134.98463
1.541	-6.076	-1.10541	-1.09996	-1.09860	-1.09928	-4.1712	-4.1591	-4.1527	-4.1559	1120.99300	1134.59764
1.541	-5.581	-99667	-99346	-99200	-99273	-4.1003	-4.0851	-4.0802	-4.0826	1121.09399	1134.46378
1.541	-5.091	-89042	-88748	-88658	-88703	-4.0252	-4.0158	-4.0100	-4.0129	1121.11700	1134.39775
1.541	-4.603	-78462	-78172	-78026	-78099	-3.9696	-3.9577	-3.9530	-3.9553	1120.72800	1134.11530
1.541	-4.115	-68414	-68108	-67943	-68026	-3.8982	-3.8833	-3.8796	-3.8814	1120.63100	1134.13364
1.541	-3.624	-58301	-58009	-57820	-57914	-3.7997	-3.7698	-3.7673	-3.7685	1120.90300	1134.13739
1.542	-3.136	-48429	-48175	-47989	-48082	-3.6156	-3.5847	-3.5826	-3.5837	1121.69901	1133.50145
1.542	-2.659	-38618	-38373	-38205	-38289	-3.3805	-3.3732	-3.3700	-3.3716	1122.56300	1133.41124
1.542	-2.175	-30525	-30335	-30148	-30241	-3.2039	-3.1945	-3.1909	-3.1927	1122.99001	1133.14018
1.541	-1.697	-23331	-23207	-23030	-23119	-3.1017	-3.0846	-3.0833	-3.0839	1122.86900	1133.56297
1.541	-1.218	-16918	-16791	-16608	-16700	-3.0497	-3.0307	-3.0269	-3.0288	1122.80499	1134.41763
1.542	-.737	-10723	-10462	-10292	-10377	-3.0064	-2.9993	-2.9959	-2.9976	1123.35600	1135.26218
1.542	-.254	-04869	-04630	-04477	-04553	-3.0571	-3.0459	-3.0439	-3.0449	1124.66701	1136.48752
1.542	.257	.01860	.01926	.02124	.02025	-3.0695	-3.0565	-3.0547	-3.0556	1125.04700	1136.48697
1.541	.771	.08236	.08191	.08357	.08274	-3.0427	-3.0360	-3.0332	-3.0346	1125.08000	1136.10849
	GRADIENT	.15990	.15943	.15944	.15943	.01940	.01920	.01917	.01918	.88499	.51712

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(UCMO45) ( 04 OCT 91 )

PARAMETRIC DATA

BETA = -2.000 PHI = 180.000

RUN NO. 1571/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DPACAL	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
.599	-7.078	-67044	-67040	-66888	-66964	-16630	-16442	-16420	-16431	1568.16400	1596.75000
.599	-6.577	-62374	-62411	-62235	-62323	-16480	-16269	-16242	-16256	1572.17101	1597.35001
.599	-6.082	-57791	-57733	-57585	-57659	-16207	-16035	-16005	-16020	1575.74800	1596.13000
.600	-5.586	-53261	-53138	-52974	-53056	-16039	-15836	-15826	-15831	1578.92500	1597.22000
.599	-5.096	-48600	-48474	-48330	-48402	-15756	-15516	-15506	-15511	1581.85800	1596.89999
.600	-4.607	-44071	-43976	-43817	-43896	-15662	-15386	-15359	-15373	1584.01401	1596.36000
.600	-4.121	-39671	-39551	-39378	-39465	-15580	-15406	-15387	-15396	1586.18300	1596.81000
.600	-3.632	-35071	-35032	-34865	-34948	-15532	-15388	-15366	-15377	1588.20500	1597.07001
.600	-3.149	-30488	-30554	-30396	-30475	-15483	-15317	-15308	-15312	1589.91400	1596.75999
.600	-2.668	-25824	-25913	-25749	-25831	-15352	-15240	-15219	-15230	1591.44501	1596.92999
.600	-2.194	-21238	-21238	-21212	-21300	-15395	-15275	-15280	-15277	1592.55000	1596.96001
.600	-1.723	-17011	-17091	-16920	-17005	-15341	-15207	-15198	-15202	1593.52100	1596.92999
.600	-1.258	-12642	-12696	-12534	-12615	-15580	-15392	-15381	-15387	1594.47099	1597.25999
.600	-.788	-.08488	-.08527	-.08348	-.08438	-15917	-15704	-15708	-15706	1594.66901	1596.78999
.600	.194	.00476	.00269	.00453	.00361	-16314	-16172	-16166	-16169	1594.95799	1596.94000
.600	.719	.04989	.04787	.04970	.04878	-16870	-16740	-16741	-16740	1595.17599	1597.12000
	GRADIENT	.09264	.09217	.09220	.09218	-.00294	-.00304	-.00312	-.00308	2.07834	.09445

RUN NO. 1461/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DPACAL	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
.800	-7.059	-80333	-80286	-80127	-80206	-20444	-20306	-20271	-20289	1308.90100	1341.16000
.800	-6.553	-74713	-74651	-74512	-74582	-20540	-20421	-20398	-20410	1312.73300	1341.13000
.800	-6.054	-69061	-69132	-68974	-69053	-20259	-20149	-20116	-20133	1316.27299	1340.81000
.800	-5.558	-63380	-63515	-63374	-63445	-19752	-19654	-19628	-19641	1319.62500	1340.89000
.800	-5.065	-57902	-58049	-57900	-57974	-19552	-19383	-19363	-19373	1322.74100	1340.91000
.800	-4.575	-52487	-52577	-52417	-52497	-19559	-19383	-19352	-19367	1325.29700	1340.75999
.800	-4.084	-47192	-47239	-47096	-47168	-19406	-19283	-19273	-19278	1327.85201	1341.03999
.800	-3.596	-41603	-41683	-41532	-41607	-19286	-19157	-19143	-19150	1329.94099	1340.89999
.800	-3.105	-36038	-36101	-35950	-36025	-19214	-19080	-19066	-19073	1331.78101	1340.89999
.800	-2.618	-30485	-30641	-30487	-30564	-19122	-19001	-18993	-18997	1333.52100	1340.91000
.800	-2.140	-25219	-25221	-25071	-25146	-19008	-18914	-18900	-18907	1334.72301	1341.07001
.800	-1.664	-19901	-19925	-19752	-19838	-18978	-18873	-18868	-18870	1335.74300	1341.00999
.800	-1.187	-14651	-14602	-14436	-14519	-19070	-18963	-18945	-18954	1336.59900	1341.10001
.800	-.709	-.09526	-.09451	-.09312	-.09382	-19353	-19208	-19210	-19209	1337.21700	1341.03999
.800	-.234	-.04412	-.04330	-.04176	-.04253	-19712	-19566	-19546	-19556	1337.55901	1340.94000
.800	.278	.01090	.01000	.01164	.01082	-20186	-20012	-20022	-20017	1337.74001	1340.92000
.800	.798	.06697	.06591	.06752	.06672	-20591	-20452	-20448	-20450	1337.99100	1341.23000
	GRADIENT	.11044	.11057	.11059	.11058	-.00159	-.00157	-.00161	-.00159	2.30195	.04042



IA310 (AEDC 16TF-783) TABULATED DATA  
IA310 (AEDC 16TF-783) PROBE CALIBRATION

(UCM045) ( 04 OCT 91 )

## PARAMETRIC DATA

BETA = -2.000 PHI = 180.000

RUN NO. 1518/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DPACAL	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
1.250	-7.049	-91981	-92109	-91898	-92003	-23289	-23086	-23047	-23067	1150.90500	1182.73000
1.250	-6.539	-85591	-85621	-85413	-85517	-23173	-23033	-23012	-23023	1154.32100	1182.32001
1.250	-6.042	-79310	-79347	-79119	-79233	-23212	-23031	-22991	-23011	1158.86900	1182.98700
1.250	-5.546	-72866	-72868	-72660	-72764	-23026	-22826	-22791	-22808	1162.28101	1182.39301
1.250	-5.047	-66100	-66330	-66105	-66217	-22483	-22256	-22224	-22240	1164.49800	1182.32800
1.249	-4.558	-59723	-59914	-59702	-59808	-22463	-22205	-22175	-22190	1166.88200	1182.81500
1.250	-4.063	-53697	-53858	-53639	-53749	-21963	-21770	-21749	-21759	1168.97800	1182.02299
1.250	-3.575	-47528	-47585	-47362	-47474	-21797	-21615	-21596	-21606	1170.87199	1182.24600
1.250	-3.082	-41082	-41145	-40933	-41039	-21644	-21461	-21445	-21463	1173.38800	1182.66400
1.250	-2.598	-34652	-34801	-34572	-34687	-21617	-21445	-21424	-21435	1174.99300	1182.45300
1.250	-2.112	-28413	-28483	-28277	-28380	-21590	-21439	-21419	-21429	1176.56200	1182.49400
1.250	-1.636	-22501	-22467	-22254	-22361	-21545	-21384	-21366	-21375	1177.34399	1182.19501
1.250	-1.157	-16496	-16363	-16154	-16258	-21771	-21618	-21598	-21608	1178.28500	1182.55000
1.250	-.678	-10645	-10485	-10292	-10389	-22083	-21878	-21869	-21874	1179.25900	1182.76500
1.250	-.201	-04773	-04476	-04391	-04483	-22470	-22274	-22257	-22265	1179.25200	1182.65300
1.249	.313	.01578	.01619	.01817	.01718	-22997	-22786	-22799	-22793	1179.17500	1182.27200
1.250	.830	.07945	.07960	.08132	.08046	-23231	-23044	-23055	-23050	1179.41000	1182.55000
		.12607	.12664	.12656	.12660	-00181	-00184	-00189	-00187	2.35790	.01891

RUN NO. 1534/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DPACAL	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
1.400	-7.044	-1.05368	-1.05640	-1.05449	-1.05545	-25593	-23119	-25664	-24392	1131.38699	1164.28900
1.400	-6.539	-98224	-98514	-98276	-98395	-25581	-23106	-25669	-24387	1136.04601	1164.60400
1.400	-6.036	-90772	-91049	-90826	-90938	-25797	-23119	-25673	-24396	1139.10201	1164.09599
1.400	-5.541	-83604	-83709	-83488	-83599	-25502	-22874	-25434	-24154	1141.94701	1164.19299
1.400	-5.046	-76315	-76452	-76237	-76344	-25303	-22658	-25236	-23947	1145.33000	1164.16000
1.400	-4.554	-69453	-69595	-69371	-69483	-25009	-22399	-24971	-23685	1148.24200	1163.84599
1.400	-4.058	-62435	-62573	-62322	-62448	-24852	-22214	-24788	-23501	1151.04300	1164.36800
1.399	-3.570	-55045	-55186	-54954	-55070	-24834	-22121	-24687	-23404	1153.64000	1164.26700
1.400	-3.074	-47501	-47605	-47392	-47499	-24665	-21938	-24500	-23219	1155.18800	1164.07300
1.400	-2.590	-40315	-40362	-40142	-40252	-24509	-21790	-24358	-23074	1157.12601	1164.51601
1.400	-2.108	-33057	-33174	-32952	-33063	-24220	-21472	-24069	-22771	1157.52000	1163.75200
1.400	-1.621	-25889	-25994	-25795	-25895	-24294	-21562	-24138	-22850	1158.31500	1164.29700
1.400	-1.143	-19150	-19226	-19003	-19114	-24595	-21920	-24489	-23205	1159.40401	1164.07700
1.400	-.662	-12524	-12400	-12200	-12300	-24944	-22238	-24823	-23530	1159.94099	1164.49001
1.400	-.184	-05751	-05632	-05437	-05535	-25386	-22669	-25277	-23973	1160.33400	1164.12900
1.400	.329	.01606	.01529	.01720	.01624	-26020	-23305	-25875	-24590	1160.13600	1163.95599
1.400	.847	.08797	.08809	.08965	.08887	-26356	-23667	-26245	-24956	1160.79800	1164.60899
		.14539	.14575	.14563	.14569	-00222	-00213	-00216	-00214	2.13731	.03646

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(UCMO45) ( 04 OCT 91 )

PARAMETRIC DATA

BETA = -2.000 PHI = 180.000

RUN NO. 1552/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DPACAL	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
1.450	-7.072	-1.11668	-1.11829	-1.11662	-1.11746	-.25804	-.25838	-.25789	-.25814	1124.69501	1158.16499
1.450	-6.564	-1.04132	-1.04417	-1.04217	-1.04317	-.25899	-.25904	-.25832	-.25868	1128.08800	1158.05701
1.450	-6.068	-.96502	-.96768	-.96583	-.96675	-.26131	-.26090	-.26011	-.26050	1131.90401	1158.33800
1.450	-5.576	-.88710	-.88886	-.88730	-.88808	-.25676	-.25604	-.25559	-.25581	1133.98300	1157.76401
1.450	-5.085	-.81053	-.81211	-.81017	-.81114	-.25648	-.25655	-.25606	-.25630	1137.54401	1159.05200
1.450	-4.596	-.74090	-.74313	-.74123	-.74218	-.25284	-.25304	-.25260	-.25282	1141.31300	1158.56599
1.449	-4.104	-.66849	-.67099	-.66897	-.66998	-.25059	-.25085	-.25051	-.25068	1144.32600	1158.61200
1.451	-3.615	-.59303	-.59548	-.59343	-.59445	-.24881	-.24862	-.24842	-.24852	1147.12399	1158.67300
1.450	-3.130	-.51528	-.51745	-.51549	-.51647	-.24733	-.24747	-.24715	-.24731	1148.56799	1158.03900
1.450	-2.651	-.43510	-.43743	-.43537	-.43640	-.24755	-.24747	-.24709	-.24728	1149.49500	1158.39400
1.450	-2.180	-.36170	-.36197	-.35993	-.36095	-.24672	-.24665	-.24614	-.24640	1150.07600	1158.37399
1.451	-1.705	-.28855	-.28964	-.28763	-.28863	-.24772	-.24800	-.24762	-.24781	1150.93900	1158.39600
1.450	-1.239	-.21761	-.21874	-.21674	-.21774	-.25123	-.25202	-.25178	-.25190	1151.49600	1158.27000
1.450	-.767	-.14832	-.14721	-.14544	-.14632	-.25739	-.25842	-.25817	-.25830	1152.08200	1158.08200
1.450	-.297	-.07646	-.07506	-.07339	-.07422	-.26589	-.26640	-.26598	-.26619	1153.24300	1158.86000
1.450	.217	.00180	.00191	.00291	.00241	-.27581	-.27629	-.27634	-.27631	1153.48500	1158.59000
1.450	.738	.07883	.07887	.08036	.07961	-.28178	-.28223	-.28228	-.28225	1152.75900	1158.27499
	GRADIENT	.15456	.15525	.15512	.15519	-.00531	-.00543	-.00549	-.00546	2.00596	-.01670

RUN NO. 1636/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DPACAL	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
1.470	-7.065	-1.13882	-1.13561	-1.13413	-1.13487	-.26505	-.26537	-.26436	-.26487	1110.22099	1148.46329
1.470	-6.561	-1.06469	-1.06248	-1.05994	-1.06121	-.26510	-.26522	-.26438	-.26480	1114.01700	1148.75258
1.470	-6.061	-.99086	-.98886	-.98736	-.98811	-.26146	-.26215	-.26118	-.26166	1118.41800	1148.66602
1.469	-5.573	-.91311	-.91149	-.90983	-.91066	-.26518	-.26469	-.26378	-.26423	1122.14700	1148.93098
1.470	-5.082	-.83108	-.82891	-.82724	-.82807	-.26214	-.26142	-.26059	-.26210	1124.29700	1148.40910
1.470	-4.585	-.75239	-.75038	-.74869	-.74954	-.25956	-.25883	-.25818	-.25851	1125.65100	1148.41295
1.470	-4.099	-.67493	-.67363	-.67179	-.67271	-.25510	-.25444	-.25394	-.25419	1127.66600	1148.38304
1.470	-3.610	-.59707	-.59601	-.59422	-.59512	-.25248	-.25155	-.25102	-.25128	1129.72501	1148.60782
1.470	-3.129	-.51977	-.51820	-.51652	-.51736	-.25120	-.25018	-.24981	-.24999	1131.80800	1148.61247
1.469	-2.642	-.44293	-.44157	-.43952	-.44054	-.25038	-.24850	-.24811	-.24830	1133.58800	1148.47997
1.470	-2.165	-.36577	-.36453	-.36253	-.36353	-.24975	-.24772	-.24731	-.24752	1133.72301	1148.65839
1.470	-1.692	-.29481	-.29458	-.29257	-.29358	-.24898	-.24731	-.24671	-.24720	1134.65601	1148.61765
1.470	-1.222	-.22452	-.22468	-.22259	-.22363	-.25439	-.25283	-.25237	-.25260	1134.15900	1148.30110
1.470	-.748	-.15420	-.15361	-.15174	-.15267	-.26301	-.26117	-.26053	-.26085	1134.66400	1148.41956
1.470	-.274	-.07972	-.08055	-.07842	-.07948	-.27089	-.26893	-.26860	-.26876	1135.04201	1148.45461
1.470	.237	-.00214	-.00132	-.00092	-.00112	-.28215	-.27986	-.27947	-.27966	1135.12000	1148.47852
1.470	.759	.07686	.07600	.07805	.07703	-.28796	-.28580	-.28541	-.28560	1135.46899	1148.41135
1.469		.15496	.15454	.15449	.15451	-.00549	-.00520	-.00523	-.00521	1.65608	-.01273



IA310 (AEDC 16TF-783) PROBE CALIBRATION

(UCMO45) ( 04 OCT 91 )

## PARAMETRIC DATA

BETA = -2.000 PHI = 180.000

RUN NO. 1587/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DPACAL	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PI2F
1.492	-7.065	-1.20186	-1.19894	-1.19779	-1.19837	-27349	-27250	-27211	-27231	1101.53500	1141.54807
1.492	-6.558	-1.12068	-1.11835	-1.11720	-1.11777	-27300	-27211	-27185	-27198	1104.25301	1142.10712
1.492	-6.061	-1.04569	-1.04365	-1.04252	-1.04308	-27394	-27279	-27248	-27263	1106.87700	1142.14062
1.492	-5.569	-97298	-97038	-96896	-96967	-27094	-26981	-26966	-26973	1109.47301	1141.53705
1.491	-5.076	-89533	-89256	-89168	-89212	-27296	-27173	-27155	-27164	1111.20700	1141.24036
1.491	-4.586	-81674	-81460	-81327	-81394	-27264	-27144	-27149	-27146	1113.12199	1141.23132
1.491	-4.094	-73740	-73566	-73430	-73498	-27131	-26994	-26972	-26983	1115.53101	1141.38104
1.491	-3.601	-65985	-65874	-65701	-65787	-26921	-26809	-26787	-26798	1118.06000	1141.74245
1.491	-3.117	-57818	-57751	-57585	-57668	-27091	-26988	-26987	-26987	1119.83099	1141.86382
1.491	-2.637	-49887	-49545	-49407	-49476	-27245	-27099	-27099	-27096	1120.67999	1141.83238
1.491	-2.156	-41890	-41595	-41427	-41511	-27659	-27542	-27560	-27551	1120.87199	1141.79042
1.492	-1.682	-33894	-33722	-33566	-33644	-28248	-28112	-28106	-28109	1121.09700	1141.97769
1.492	-1.208	-25753	-25703	-25533	-25618	-28876	-28759	-28759	-28759	1121.10699	1141.98766
1.492	-736	-17717	-17710	-17535	-17623	-29845	-29690	-29690	-29692	1121.02000	1142.13191
1.492	-260	-09290	-09262	-09119	-09191	-30708	-30556	-30564	-30560	1120.79500	1142.12799
1.492	.251	-00432	-00386	-00370	-00378	-32174	-31987	-32019	-32003	1120.74100	1142.61107
1.492	.775	.08317	.08290	.08436	.08363	-32856	-32681	-32686	-32684	1120.55000	1142.60646
	GRADIENT	.16850	.16809	.16801	.16805	-01106	-01095	-01100	-01098	1.12362	.22405

RUN NO. 1603/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DPACAL	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PI2F
1.516	-7.071	-1.35686	-1.35244	-1.35152	-1.35198	-31307	-31294	-31229	-31262	1109.37300	1137.08243
1.516	-6.562	-1.27313	-1.26759	-1.26673	-1.26716	-31164	-31153	-31117	-31135	1113.53500	1136.86487
1.516	-6.066	-1.19251	-1.18634	-1.18522	-1.18578	-31249	-31230	-31173	-31202	1116.20300	1136.59148
1.515	-5.568	-1.10338	-1.09863	-1.09764	-1.09814	-31257	-31217	-31173	-31195	1119.17900	1136.95174
1.515	-5.071	-1.00797	-1.00422	-1.00289	-1.00355	-30521	-30477	-30431	-30454	1121.92000	1136.81581
1.515	-4.585	-91408	-91079	-90924	-91001	-29952	-29896	-29860	-29878	1123.44200	1136.82899
1.515	-4.089	-82536	-82070	-81927	-81998	-30043	-29958	-29927	-29943	1123.83501	1136.42242
1.515	-3.602	-74305	-73866	-73722	-73794	-30640	-30519	-30491	-30505	1124.74899	1136.23453
1.515	-3.119	-65172	-64886	-64736	-64811	-31353	-31228	-31197	-31212	1126.07300	1135.95995
1.515	-2.633	-55492	-55112	-55073	-55143	-31704	-31535	-31509	-31522	1127.58400	1135.72440
1.515	-2.156	-45703	-45340	-45184	-45262	-31877	-31682	-31673	-31678	1128.63600	1135.49823
1.515	-1.685	-36531	-36184	-36044	-36114	-32314	-32246	-32217	-32231	1130.05701	1135.29291
1.515	-1.211	-27298	-27138	-26993	-27065	-32832	-32742	-32725	-32734	1131.19901	1135.22490
1.514	-736	-17967	-17960	-17744	-17852	-33129	-33058	-33048	-33053	1131.23199	1135.29453
1.514	-261	-08721	-08663	-08508	-08586	-34061	-33966	-33950	-33958	1131.38699	1135.29597
1.514	.251	.00859	.00761	.00925	.00843	-35332	-35141	-35039	-35090	1131.42101	1135.10239
1.514	.775	.10577	.10567	.10724	.10645	-35950	-35695	-35695	-35695	1131.10800	1134.75719
1.515		.19274	.19178	.19183	.19181	-01090	-01072	-01072	-01072	1.71371	.33543

IA310 (AEDC 16TF-783) PROBE CALIBRATION (UCMO45) ( 04 OCT 91 )

## PARAMETRIC DATA

BETA = -2.000 PHI = 180.000

RUN NO. 1618/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DPACAL	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PTF
1.541	-7.064	-1.31669	-1.31189	-1.31058	-1.31123	-34273	-34257	-34189	-34223	1116.54100	1133.34940
1.542	-6.556	-1.20100	-1.19508	-1.19367	-1.19438	-33041	-33034	-32962	-32998	1119.14101	1135.11194
1.541	-6.061	-1.08511	-1.08052	-1.07907	-1.07980	-32003	-31970	-31920	-31945	1122.37000	1135.39378
1.541	-5.567	-0.97991	-0.97670	-0.97483	-0.97577	-31351	-31353	-31292	-31323	1121.03000	1134.00977
1.541	-5.076	-0.87238	-0.86919	-0.86770	-0.86844	-31013	-31051	-30978	-31014	1120.55000	1134.10182
1.541	-4.580	-0.76981	-0.76713	-0.76561	-0.76637	-30805	-30737	-30661	-30699	1120.41499	1134.07529
1.541	-4.093	-0.66703	-0.66396	-0.66231	-0.66313	-29622	-29498	-29443	-29471	1121.12399	1134.13414
1.541	-3.602	-0.55999	-0.55706	-0.55533	-0.55619	-28281	-28092	-28044	-28068	1121.99800	1134.38544
1.541	-3.116	-0.45611	-0.45366	-0.45178	-0.45272	-26359	-26241	-26178	-26209	1123.38901	1134.44583
1.541	-2.638	-0.36728	-0.36407	-0.36227	-0.36317	-24620	-24578	-24557	-24568	1124.04100	1134.29007
1.541	-2.156	-0.29196	-0.29080	-0.28890	-0.28985	-23689	-23620	-23591	-23605	1123.81900	1134.49384
1.541	-1.682	-0.23023	-0.22936	-0.22754	-0.22845	-23739	-23620	-23591	-23605	1122.86900	1134.69920
1.542	-1.211	-0.17137	-0.16885	-0.16693	-0.16789	-23502	-23394	-23367	-23381	1122.92599	1134.43919
1.541	-0.734	-0.11125	-0.10899	-0.10711	-0.10805	-23483	-23432	-23410	-23421	1123.27499	1135.18982
1.542	-0.260	-0.05009	-0.04800	-0.04630	-0.04715	-24053	-23946	-23918	-23932	1123.35201	1134.90877
1.541	.252	.01518	.01551	.01745	.01648	-24460	-24340	-24318	-24329	1123.55701	1135.34544
1.542	.775	.08021	.07992	.08164	.08078	-24564	-24474	-24467	-24470	1123.81599	1135.14420
	GRADIENT	.15522	.15473	.15477	.15475	.01174	.01171	.01161	.01166	.46402	.22224

(UCMO46) ( 04 OCT 91 )

PARAMETRIC DATA

BETA = -1.500 PHI = 180.000

RUN NO. 1572/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DPACAL	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
.599	-7.062	-.66619	-.66627	-.66468	-.66548	-.11592	-.11384	-.11361	-.11373	1568.90300	1597.09000
.599	-6.552	-.62006	-.62053	-.61891	-.61972	-.11458	-.11282	-.11245	-.11264	1572.82500	1596.50000
.600	-6.061	-.57349	-.57285	-.57137	-.57211	-.11364	-.11156	-.11123	-.11139	1576.35201	1597.11000
.600	-5.564	-.52840	-.52742	-.52566	-.52654	-.11070	-.10864	-.10834	-.10849	1579.52600	1597.49001
.600	-5.069	-.48212	-.48120	-.47957	-.48038	-.10922	-.10668	-.10642	-.10655	1582.12199	1597.42999
.600	-4.578	-.43699	-.43565	-.43413	-.43489	-.10793	-.10527	-.10500	-.10513	1584.88300	1597.67000
.600	-4.089	-.39316	-.39204	-.39039	-.39121	-.10673	-.10392	-.10361	-.10387	1586.62601	1597.09000
.600	-3.601	-.34786	-.34746	-.34572	-.34659	-.10582	-.10302	-.10263	-.10288	1588.79601	1596.37000
.600	-3.115	-.29966	-.30022	-.29853	-.29938	-.10440	-.10160	-.10120	-.10145	1590.52800	1596.66000
.600	-2.635	-.25298	-.25427	-.25258	-.25343	-.10305	-.10025	-.10026	-.10039	1591.79100	1596.72000
.600	-2.160	-.20922	-.21064	-.20889	-.20976	-.10166	-.98477	-.98287	-.98282	1593.16499	1597.00999
.599	-1.691	-.16562	-.16640	-.16473	-.16557	-.10051	-.97394	-.97044	-.97042	1594.69200	1596.66000
.600	-1.231	-.12360	-.12429	-.12256	-.12342	-.10059	-.96208	-.95838	-.95838	1595.06200	1597.23000
.600	- .778	-.08333	-.08413	-.08231	-.08322	-.10057	-.95078	-.94655	-.94655	1595.36099	1596.70000
.600	- .323	-.04356	-.04430	-.04267	-.04349	-.10016	-.93943	-.93465	-.93465	1595.60201	1597.53999
.600	- .189	-.00008	-.00018	-.00013	-.00016	-.13029	-.13042	-.13043	-.13043	1595.36700	1596.67000
.600	.726	.04872	.04699	.04882	.04791	-.13229	-.00371	-.00374	-.00372	2.01532	-.01840
.600	.09199	.09199	.09160	.09152	.09156	-.00357	-.00371	-.00374	-.00372	2.01532	-.01840

RUN NO. 1462/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DPACAL	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
.800	-7.047	-.79840	-.79799	-.79646	-.79722	-.14429	-.14236	-.14207	-.14221	1309.42900	1341.27000
.800	-6.538	-.74266	-.74230	-.74109	-.74169	-.14552	-.14349	-.14319	-.14334	1313.50900	1341.12000
.800	-6.044	-.68596	-.68682	-.68519	-.68601	-.14340	-.14163	-.14138	-.14151	1317.01900	1340.88000
.800	-5.543	-.62976	-.63118	-.62977	-.63047	-.14015	-.13819	-.13791	-.13805	1320.68300	1341.34000
.800	-5.050	-.57457	-.57627	-.57486	-.57556	-.13949	-.13755	-.13722	-.13738	1323.77000	1341.03999
.800	-4.560	-.52083	-.52179	-.52026	-.52103	-.13715	-.13571	-.13539	-.13555	1326.33900	1341.11000
.800	-4.061	-.46665	-.46756	-.46596	-.46676	-.13705	-.13525	-.13501	-.13513	1328.61600	1341.03000
.800	-3.571	-.41186	-.41186	-.41032	-.41109	-.13718	-.13518	-.13494	-.13506	1330.72501	1340.73000
.800	-3.084	-.35617	-.35758	-.35619	-.35688	-.13631	-.13450	-.13436	-.13443	1332.56500	1340.86000
.800	-2.598	-.30090	-.30258	-.30101	-.30179	-.13437	-.13266	-.13251	-.13259	1334.19299	1341.11000
.800	-2.115	-.24870	-.24886	-.24715	-.24800	-.13400	-.13191	-.13167	-.13179	1335.74500	1341.23000
.800	-1.639	-.19588	-.19632	-.19472	-.19552	-.13302	-.13094	-.13081	-.13081	1337.14200	1340.91000
.800	-1.172	-.14523	-.14471	-.14316	-.14394	-.13283	-.13083	-.13079	-.13081	1337.67101	1340.67000
.800	- .707	-.09485	-.09416	-.09276	-.09346	-.13166	-.12916	-.12916	-.12916	1338.24500	1341.12000
.800	- .240	-.04583	-.04525	-.04379	-.04452	-.12916	-.12716	-.12716	-.12716	1338.46300	1341.03999
.800	.271	.00795	.00700	.00878	.00789	-.15156	-.14939	-.14939	-.14939	1338.52299	1340.89999
.800	.804	.06499	.06405	.06564	.06485	-.15513	-.15294	-.15298	-.15296	1338.52299	1340.89999
.800	.10945	.10945	.10964	.10965	.10965	-.00255	-.00244	-.00250	-.00247	2.25180	-.00867

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(UCM046) ( 04 OCT 91 )

PARAMETRIC DATA

BETA = -1.500 PHI = 180.000

RUN NO. 1496/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DPACAL	DPA1	DPA2	DPA	DPCAL	DPB1	DPB2	DPB	PTTF	PT2F
.900	-7.048	-82875	-83051	-82846	-82949	-15048	-14904	-14862	-14883	1241.98801	1273.39000
.900	-6.537	-76991	-77226	-77023	-77124	-14782	-14643	-14593	-14618	1245.48700	1273.17000
.900	-6.041	-71153	-71426	-71151	-71288	-14843	-14619	-14591	-14605	1249.45799	1273.08000
.900	-5.549	-65396	-65666	-65443	-65555	-14606	-14418	-14412	-14415	1252.55400	1272.89999
.900	-5.050	-59694	-60021	-59809	-59915	-14167	-13985	-13969	-13977	1255.69400	1272.91000
.900	-4.558	-54060	-54360	-54142	-54251	-13920	-13812	-13827	-13820	1258.51199	1273.17000
.900	-4.063	-48418	-48631	-48405	-48518	-13970	-13340	-13870	-13605	1260.59100	1273.00000
.900	-3.572	-42723	-42913	-42710	-42812	-13967	-13775	-13777	-13776	1263.01601	1273.09000
.900	-3.081	-36961	-37123	-36897	-37010	-13762	-13956	-13590	-13773	1264.77800	1273.06000
.900	-2.598	-31378	-31508	-31305	-31406	-13766	-13804	-13543	-13673	1266.39700	1272.86000
.900	-2.120	-25801	-25920	-25714	-25817	-13632	-13678	-13450	-13564	1267.72301	1273.00000
.900	-1.646	-20385	-20432	-20235	-20334	-13711	-13647	-13495	-13571	1268.69400	1272.87000
.900	-1.179	-15081	-15016	-14842	-14929	-13755	-13539	-13538	-13847	1270.00600	1272.96001
.900	-.715	-09789	-09716	-09554	-09635	-14109	-13788	-13906	-14403	1270.33900	1272.91000
.900	-.252	-04841	-04732	-04558	-04645	-14664	-14351	-14455	-15385	1270.70100	1272.99001
.900	.258	.00708	.00675	.00849	.00762	-15538	-15434	-15336	-15901	1270.71800	1272.85001
.900	.790	.06704	.06694	.06851	.06773	-16022	-15984	-15818	-00316	2.27512	-.03541
.900	.11387	.11450	.11437	.11444	.11444	-.00320	-.00329	-.00302			

RUN NO. 1479/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DPACAL	DPA1	DPA2	DPA	DPCAL	DPB1	DPB2	DPB	PTTF	PT2F
1.099	-7.023	-83538	-83803	-83625	-83714	-16276	-16244	-16203	-16223	1173.72000	1204.50500
1.100	-6.508	-77657	-77803	-77637	-77720	-16544	-16449	-16405	-16427	1177.46899	1204.63400
1.100	-6.010	-71868	-72000	-71826	-71913	-16152	-16081	-16039	-16060	1181.09300	1204.72501
1.100	-5.508	-65983	-66176	-65995	-66086	-16057	-15972	-15938	-15955	1184.49100	1204.79401
1.100	-5.015	-60201	-60393	-60218	-60305	-15806	-15701	-15666	-15684	1187.56799	1204.84300
1.100	-4.511	-54368	-54528	-54350	-54439	-15762	-15637	-15600	-15618	1190.20799	1204.83701
1.100	-4.020	-48636	-48627	-48453	-48540	-15601	-15513	-15490	-15501	1192.68800	1204.74600
1.100	-3.523	-42637	-42721	-42540	-42631	-15372	-15261	-15214	-15233	1194.53500	1204.82500
1.100	-3.028	-36686	-36744	-36556	-36650	-15064	-14941	-14926	-14933	1196.85899	1204.70000
1.100	-2.529	-30613	-30831	-30637	-30734	-14995	-14883	-14855	-14869	1198.36900	1204.47900
1.099	-2.044	-24901	-25068	-24871	-24971	-14787	-14749	-14713	-14731	1199.45399	1204.57401
1.100	-1.555	-19280	-19450	-19245	-19348	-14668	-14581	-14562	-14571	1200.63901	1204.48700
1.100	-1.069	-13737	-13821	-13624	-13722	-14663	-14545	-14523	-14534	1201.28700	1204.62900
1.100	-.589	-08322	-08401	-08188	-08295	-14800	-14660	-14650	-14655	1201.89799	1204.95700
1.100	-.115	-02958	-03109	-02898	-03003	-14914	-14799	-14790	-14795	1202.17999	1204.72800
1.100	.393	.02625	.02329	.02525	.02427	-15219	-15087	-15068	-15077	1202.52600	1204.76601
1.100	.911	.08462	.08200	.08376	.08288	-15298	-15157	-15133	-15145	1202.52600	1204.67300
1.100	.11609	.11580	.11584	.11584	.11582	.00101	.00107	.00103	.00105	2.23021	-.00498

(UCMO46) ( 04 OCT 91 )

PARAMETRIC DATA

BETA = -1.500 PHI = 180.000

MACH	ALPHA	RUN NO.	1519/ O	DN/AL	2.50	GRADIENT INTERVAL =	-5.00/	5.00	DPB1	DPB2	DPB	PTTF	PT2F
1.250	-7.038			DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F	
1.250	-6.525			-91666	-91436	-91551	-16579	-16344	-16311	-16327	1151.31300	1182.43201	
1.250	-6.031			-85247	-85013	-85130	-16561	-16344	-16311	-16327	1155.52100	1182.75600	
1.250	-5.532			-78890	-78656	-78806	-16575	-16346	-16333	-16339	1159.68600	1182.61700	
1.250	-5.034			-72329	-72133	-72249	-16476	-16231	-16216	-16224	1162.80901	1182.39999	
1.250	-4.540			-65837	-65608	-65723	-16214	-15950	-15932	-15941	1164.97301	1182.36301	
1.250	-4.046			-59591	-59355	-59473	-15766	-15524	-15500	-15512	1167.21300	1182.31400	
1.250	-3.558			-53339	-53104	-53221	-15667	-15401	-15379	-15390	1169.84200	1182.57401	
1.250	-3.068			-46949	-46718	-46834	-15533	-15314	-15304	-15309	1172.05901	1182.29700	
1.250	-2.578			-40630	-40406	-40518	-14968	-14961	-14961	-14964	1174.05400	1182.25101	
1.250	-2.091			-34360	-34139	-34250	-15150	-14910	-14914	-14912	1175.70000	1182.50301	
1.250	-1.615			-28112	-27867	-27989	-15224	-14972	-14972	-14981	1177.40300	1182.82700	
1.250	-1.143			-22219	-22010	-22114	-15226	-14970	-14970	-14978	1178.82300	1182.91400	
1.250	-0.675			-16319	-16092	-16205	-15380	-15119	-15119	-15123	1179.37399	1182.97600	
1.250	-0.208			-10675	-10313	-10410	-15728	-15454	-15454	-15459	1179.66600	1182.28101	
1.250	.305			-04895	-04697	-04600	-16278	-16039	-16031	-16035	1179.61900	1182.31200	
1.250	.836			.01456	.01703	.01601	-17147	-16871	-16879	-16875	1180.30400	1182.67101	
1.250				.08005	.08207	.08120	-17507	-17325	-17325	-17289	1180.31400	1182.45700	
1.250				.12534	.12582	.12587	-00296	-00292	-00353	-00297	2.39570	.03080	

MACH	ALPHA	RUN NO.	1535/ O	DN/AL	2.50	GRADIENT INTERVAL =	-5.00/	5.00	DPB1	DPB2	DPB	PTTF	PT2F
1.400	-7.035			DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F	
1.400	-6.521			-105258	-105060	-105159	-17964	-15456	-17997	-16726	1132.02000	1163.88499	
1.400	-6.028			-97965	-97729	-97847	-18351	-15719	-18272	-16995	1136.49699	1164.58800	
1.400	-5.528			-90599	-90379	-90489	-18093	-15447	-17997	-16722	1139.62100	1163.91800	
1.400	-5.029			-83294	-83088	-83191	-17930	-15272	-17837	-16555	1143.36301	1164.65300	
1.400	-4.534			-76099	-75874	-75986	-18046	-15401	-17964	-16682	1145.96300	1163.74500	
1.400	-4.047			-69148	-68934	-69041	-17867	-15213	-17781	-16497	1149.36900	1164.64500	
1.400	-3.554			-61980	-61759	-61870	-17616	-14908	-17521	-16214	1151.79800	1163.91100	
1.400	-3.057			-54720	-54493	-54606	-17253	-14541	-17153	-15847	1154.31700	1164.53799	
1.400	-2.570			-46999	-46908	-47017	-17005	-14362	-16929	-15646	1156.23500	1164.24100	
1.400	-2.084			-39651	-39446	-39548	-16901	-14214	-16778	-15496	1156.82899	1163.91299	
1.400	-1.602			-32425	-32257	-32437	-16992	-14270	-16839	-15554	1158.23000	1164.36501	
1.400	-1.134			-25677	-25576	-25688	-17065	-14351	-16929	-15640	1158.93500	1163.89900	
1.400	-.660			-19091	-18930	-19041	-17372	-14647	-17291	-15969	1160.19501	1164.53600	
1.400	.320			-12629	-12308	-12414	-17876	-15166	-17749	-16458	1161.60600	1164.50800	
1.399	.847			-05903	-05557	-05659	-18422	-15761	-18348	-17054	1161.37100	1163.94701	
1.400				.01462	.01604	.01510	-19227	-16551	-19140	-17845	1162.10001	1164.49800	
1.400				.08883	.08997	.08927	-19737	-17055	-19663	-18359	1161.04900	1163.87700	
1.400				.14500	.14491	.14495	-00353	-00353	-00355	-00354	2.21954	-.03342	

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(UCM046) ( 04 OCT 91 )

PARAMETRIC DATA

BETA = -1.500 PHI = 180.000

RUN NO. 1553/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DPACAL	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
1.450	-7.050	-1.11043	-1.11224	-1.11040	-1.11132	-18138	-18141	-18081	-18111	1125.33600	1158.14600
1.450	-6.544	-1.03603	-1.03899	-1.03696	-1.03798	-17776	-17795	-17736	-17765	1128.86301	1158.26401
1.450	-6.052	-95866	-96149	-95958	-96054	-17821	-17823	-17777	-17800	1132.47701	1158.51300
1.450	-5.558	-88104	-88252	-88054	-88153	-17876	-17903	-17857	-17880	1134.88200	1158.21100
1.450	-5.064	-80670	-80828	-80613	-80720	-17735	-17733	-17689	-17711	1138.24100	1158.85001
1.450	-4.572	-73742	-73969	-73781	-73875	-17428	-17390	-17405	-17398	1142.11099	1158.38699
1.450	-4.076	-66180	-66444	-66227	-66335	-17382	-17337	-17340	-17339	1144.85500	1158.07100
1.450	-3.587	-58465	-58697	-58484	-58591	-17211	-17136	-17170	-17153	1147.02499	1158.41600
1.450	-3.103	-50599	-50822	-50624	-50723	-16770	-16670	-16643	-16657	1149.28600	1158.50301
1.450	-2.622	-42689	-42920	-42717	-42818	-16550	-16483	-16455	-16469	1149.27600	1158.45200
1.450	-2.142	-35451	-35571	-35371	-35471	-16898	-16858	-16819	-16839	1151.93900	1158.59399
1.450	-1.677	-28431	-28524	-28335	-28429	-16898	-16819	-16819	-16702	1150.04800	1158.01199
1.450	-1.213	-21745	-21823	-21626	-21725	-17500	-17408	-17446	-17427	1153.74899	1158.60899
1.450	-759	-14843	-14844	-14664	-14754	-18286	-18261	-18261	-18278	1155.03900	1158.33299
1.450	-304	-07913	-07803	-07622	-07712	-19356	-19347	-19321	-19334	1155.83200	1158.41000
1.450	.206	-00051	-00072	-00083	-00078	-20698	-20686	-20670	-20678	1155.45200	1157.99899
1.450	.745	.08177	.08180	.08321	.08250	-21455	-21421	-21411	-21416	1153.77299	1157.91400
1.450	.15385	.15385	.15458	.15438	.15448	-00730	-00739	-00734	-00737	2.40909	-04228

RUN NO. 1637/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DPACAL	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
1.469	-7.049	-1.13575	-1.13236	-1.13089	-1.13162	-18179	-18103	-18013	-18058	1111.38400	1148.46457
1.470	-6.543	-1.06034	-1.05818	-1.05650	-1.05734	-18364	-18341	-18267	-18304	1114.54100	1148.27924
1.469	-6.046	-98616	-98419	-98258	-98339	-18373	-18357	-18272	-18314	1119.12000	1148.26395
1.470	-5.553	-90733	-90568	-90424	-90496	-18179	-18125	-18059	-18092	1122.72400	1147.72986
1.470	-5.062	-82575	-82345	-82192	-82268	-17917	-17877	-17809	-17843	1124.89799	1147.99974
1.470	-4.564	-74614	-74396	-74224	-74310	-17900	-17846	-17783	-17815	1126.40900	1148.23691
1.469	-4.074	-66870	-66697	-66517	-66607	-17639	-17528	-17495	-17511	1128.50200	1148.27025
1.469	-3.584	-59022	-58926	-58825	-58925	-17086	-16947	-16883	-16915	1130.53101	1148.08710
1.470	-3.097	-51213	-51060	-50866	-50963	-17021	-16899	-16836	-16867	1132.80200	1147.91113
1.470	-2.615	-43385	-43230	-43037	-43134	-16637	-16530	-16468	-16499	1133.24899	1147.88153
1.469	-2.134	-36048	-35913	-35730	-35821	-16801	-16674	-16610	-16642	1133.19501	1148.36224
1.469	-1.666	-29103	-29086	-28879	-28983	-17035	-16910	-16868	-16889	1133.93401	1148.42651
1.470	-1.202	-22307	-22315	-22120	-22217	-17491	-17321	-17314	-17317	1134.56200	1148.60760
1.469	-744	-15394	-15341	-15242	-15241	-18419	-18334	-18287	-18311	1135.25400	1148.43024
1.470	-283	-08128	-08192	-07991	-08092	-19693	-19547	-19492	-19520	1135.32100	1148.24771
1.470	.229	-00282	-00198	-00169	-00183	-21094	-20934	-20898	-20916	1135.53700	1148.14145
1.469	.766	.07977	.07874	.08070	.07972	-21811	-21643	-21597	-21620	1135.73801	1148.62947
1.469	.15434	.15434	.15386	.15379	.15382	-00746	-00733	-00736	-00734	1.58170	-06670

(UCMO46) ( 04 OCT 91 )

PARAMETRIC DATA

BETA = -1.500 PHI = 180.000

RUN NO. 1588/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DPACAL	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
1.492	-7.051	-1.19964	-1.19700	-1.19568	-1.19634	-1.18637	-1.18566	-1.18524	-1.18545	1102.73399	1142.65500
1.492	-6.544	-1.11729	-1.11499	-1.11374	-1.11437	-1.10634	-1.10511	-1.10511	-1.10531	1105.07300	1142.60626
1.492	-6.047	-1.04484	-1.04278	-1.04153	-1.04215	-1.03414	-1.03370	-1.03330	-1.03350	1107.54900	1142.72787
1.492	-5.549	-0.96875	-0.96610	-0.96486	-0.96548	-0.95648	-0.95648	-0.95648	-0.95648	1110.50500	1142.71173
1.492	-5.053	-0.89189	-0.88894	-0.88782	-0.88838	-0.87938	-0.87877	-0.87852	-0.87770	1112.57401	1142.14529
1.491	-4.560	-0.81214	-0.80998	-0.80864	-0.80931	-0.80031	-0.80011	-0.80011	-0.80011	1114.33501	1141.54628
1.492	-4.069	-0.73216	-0.73020	-0.72894	-0.72957	-0.72057	-0.72037	-0.72037	-0.72057	1116.10201	1141.29274
1.492	-3.579	-0.65426	-0.65290	-0.65122	-0.65206	-0.64306	-0.64286	-0.64286	-0.64306	1117.58000	1140.78427
1.492	-3.091	-0.57186	-0.56934	-0.56765	-0.56849	-0.55949	-0.55929	-0.55929	-0.55949	1118.16499	1140.47679
1.492	-2.605	-0.49286	-0.48981	-0.48813	-0.48897	-0.47997	-0.47977	-0.47977	-0.47997	1118.05400	1140.27420
1.492	-2.127	-0.41286	-0.40988	-0.40831	-0.40909	-0.40009	-0.39989	-0.39989	-0.40009	1117.96300	1139.74234
1.492	-1.658	-0.33243	-0.33141	-0.32995	-0.33068	-0.32168	-0.32148	-0.32148	-0.32168	1117.20399	1139.47189
1.492	-1.189	-0.25402	-0.25351	-0.25166	-0.25258	-0.24358	-0.24338	-0.24338	-0.24358	1117.02600	1140.82520
1.492	-0.729	-0.17592	-0.17474	-0.17300	-0.17387	-0.16487	-0.16467	-0.16467	-0.16487	1117.92900	1141.77339
1.492	-0.270	-0.09509	-0.09481	-0.09331	-0.09406	-0.08506	-0.08486	-0.08486	-0.08506	1117.48300	1141.78560
1.491	.244	-0.00520	-0.00456	-0.00436	-0.00446	-0.00546	-0.00526	-0.00526	-0.00546	1117.45900	1142.01752
1.492	.780	.08837	.08765	.08929	.08847	.08947	.08927	.08927	.08947	1117.75101	1141.74444
	GRADIENT	.16859	.16810	.16805	.16807	.01179	.01172	.01172	.01174	.32380	.16884

RUN NO. 1604/ O RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DPACAL	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
1.515	-7.051	-1.36006	-1.35532	-1.35432	-1.35482	-1.21195	-1.21221	-1.21160	-1.21191	1107.78000	1134.72505
1.515	-6.539	-1.27652	-1.27105	-1.27010	-1.27058	-1.14376	-1.14440	-1.14376	-1.14408	1111.82100	1134.77681
1.514	-6.041	-1.19043	-1.18522	-1.18424	-1.18473	-1.18668	-1.18577	-1.18604	-1.18311	1114.82100	1134.92018
1.514	-5.548	-1.10428	-1.09977	-1.09871	-1.09924	-1.15555	-1.15508	-1.15462	-1.14855	1118.02200	1134.49677
1.514	-5.057	-1.00464	-1.00095	-0.99968	-1.00032	-0.99555	-0.99211	-0.98700	-0.20895	1121.00200	1134.88217
1.514	-4.559	-0.90980	-0.90577	-0.90450	-0.90513	-0.20561	-0.20565	-0.20530	-0.20547	1122.82700	1134.31015
1.514	-4.069	-0.81761	-0.81305	-0.81165	-0.81235	-0.20921	-0.20908	-0.20881	-0.20894	1123.50900	1134.35406
1.514	-3.577	-0.73293	-0.72957	-0.72791	-0.72874	-0.21376	-0.21363	-0.21318	-0.21340	1123.97900	1134.28128
1.513	-3.091	-0.63886	-0.63589	-0.63437	-0.63513	-0.21884	-0.21831	-0.21793	-0.21812	1125.30901	1134.22659
1.515	-2.608	-0.54377	-0.54049	-0.53901	-0.53975	-0.21614	-0.21628	-0.21595	-0.21611	1126.70000	1134.36789
1.514	-2.126	-0.44349	-0.44011	-0.43858	-0.43934	-0.21679	-0.21656	-0.21612	-0.21634	1128.87000	1133.96281
1.514	-1.656	-0.34089	-0.33845	-0.33685	-0.33765	-0.21788	-0.21795	-0.21770	-0.21782	1129.75301	1133.61572
1.514	-1.192	-0.25052	-0.25005	-0.24824	-0.24915	-0.21799	-0.21795	-0.21767	-0.21781	1129.71001	1133.82384
1.514	-0.731	-0.16521	-0.16441	-0.16292	-0.16366	-0.22295	-0.22264	-0.22265	-0.22264	1129.54201	1133.91045
1.514	-0.269	-0.08136	-0.08074	-0.07912	-0.07993	-0.23554	-0.23522	-0.23494	-0.23508	1129.47501	1133.93161
1.514	.244	.01411	.01291	.01478	.01385	-0.24503	-0.24448	-0.24434	-0.24441	1129.78700	1133.85179
1.514	.777	.10580	.10558	.10718	.10638	-0.25319	-0.25283	-0.25278	-0.25280	1130.33501	1133.75948
1.514		.19362	.19262	.19268	.19265	-0.00749	-0.00743	-0.00749	-0.00746	1.52137	.12099

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(UCMO46) ( 04 OCT 91 )

PARAMETRIC DATA

MACH	ALPHA	DPACAL	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
1.542	-7.046	-1.30045	-1.29596	-1.29469	-1.29532	-23900	-23849	-23778	-23814	1118.50200	1136.48611
1.543	-6.539	-1.18171	-1.17596	-1.17463	-1.17529	-22552	-22597	-22534	-22565	1120.40700	1136.47652
1.542	-6.048	-1.06934	-1.06597	-1.06327	-1.06462	-22091	-22038	-21981	-22009	1121.31700	1136.51813
1.542	-5.548	-96094	-95787	-95528	-95707	-22002	-21946	-21864	-21905	1121.64301	1136.67421
1.542	-5.058	-85795	-85508	-85342	-85425	-21914	-21864	-21806	-21835	1121.75400	1136.48033
1.542	-4.560	-75547	-75200	-75015	-75107	-21672	-21605	-21535	-21570	1121.87900	1136.84564
1.541	-4.070	-64656	-64338	-64168	-64253	-20799	-20724	-20661	-20693	1122.82300	1135.98111
1.542	-3.579	-53372	-53140	-52963	-53052	-19388	-19297	-19255	-19276	1123.85400	1135.71996
1.541	-3.091	-43595	-43244	-43069	-43156	-17800	-17652	-17617	-17635	1125.29900	1136.07829
1.541	-2.604	-35423	-35216	-35031	-35123	-16807	-16709	-16670	-16690	1125.15401	1136.14635
1.541	-2.126	-28777	-28649	-28462	-28556	-16593	-16550	-16511	-16530	1124.08299	1135.86168
1.541	-1.657	-22803	-22715	-22538	-22627	-16801	-16665	-16625	-16645	1123.03101	1133.86317
1.541	-1.191	-16783	-16524	-16341	-16433	-16380	-16343	-16307	-16361	1122.36000	1134.26047
1.541	-.729	-10816	-10567	-10376	-10471	-16615	-16512	-16474	-16493	1124.30800	1136.10713
1.541	-.268	-.05044	-.04831	-.04645	-.04738	-17340	-17206	-17221	-17214	1125.26199	1136.32085
1.541	.244	.01392	.01346	.01545	.01445	-18173	-17955	-17936	-17945	1124.87300	1135.49983
1.541	.779	.07915	.07874	.08062	.07968	-18461	-18306	-18304	-18305	1124.19400	1134.80084
	GRADIENT	.15137	.15077	.15080	.15079	.00584	.00602	.00590	.00596	.28756	-.22200

RUN NO. 1619/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

BETA = -1.500 PHI = 180.000

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(UCMO47) ( 04 OCT 91 )

PARAMETRIC DATA

BETA = -1.000 PHI = 180.000

RUN NO. 1573/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DPACAL	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
.601	-7.040	-66273	-66252	-66103	-66177	-06863	-06683	-06642	-06663	1569.59801	1597.50999
.600	-6.534	-61589	-61614	-61468	-61541	-06681	-06491	-06455	-06473	1573.10100	1596.62000
.600	-6.039	-57073	-57021	-56865	-56943	-06433	-06201	-06167	-06184	1576.95000	1597.10001
.601	-5.542	-52502	-52393	-52243	-52318	-06220	-05985	-05953	-05969	1579.73801	1596.89999
.600	-5.046	-47864	-47731	-47574	-47653	-06310	-06076	-06042	-06059	1582.61301	1596.95000
.601	-4.554	-43522	-43388	-43225	-43307	-06263	-06014	-05997	-06005	1585.11900	1596.49001
.600	-4.061	-38966	-38847	-38690	-38769	-06205	-05967	-05934	-05951	1587.38901	1597.52000
.600	-3.565	-34494	-34483	-34318	-34400	-06212	-05994	-05966	-05980	1588.88699	1596.38000
.601	-3.079	-29690	-29731	-29569	-29650	-06085	-05828	-05805	-05817	1591.02299	1597.22000
.600	-2.593	-24953	-25073	-24912	-24992	-05878	-05702	-05684	-05693	1592.30901	1596.92999
.600	-2.111	-20634	-20755	-20586	-20671	-05727	-05581	-05564	-05572	1593.42400	1596.50999
.600	-1.635	-16177	-16249	-16074	-16161	-05592	-05446	-05424	-05435	1594.46100	1596.85001
.601	-1.184	-12077	-12120	-11944	-12032	-05581	-05426	-05413	-05420	1594.71700	1596.34000
.600	-.750	-08185	-08234	-08062	-08148	-05779	-05594	-05590	-05592	1595.49500	1597.11000
.601	-.330	-04468	-04492	-04321	-04406	-06814	-06674	-06675	-06674	1595.45799	1597.16000
.600	.229	.00166	.00118	.00164	.00141	-08338	-08176	-08175	-08176	1595.71400	1597.00000
.600	.751	.04842	.04653	.04824	.04739	-09030	-08854	-08875	-08865	1596.13600	1597.35001
.600		.09158	.09120	.09114	.09117	-00378	-00396	-00403	-00400	2.01075	.06000

RUN NO. 1463/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DPACAL	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
.800	-7.034	-79298	-79264	-79142	-79203	-08595	-08448	-08402	-08425	1310.07899	1340.99001
.800	-6.520	-73717	-73747	-73630	-73689	-08476	-08316	-08254	-08285	1314.22301	1341.11000
.800	-6.027	-68172	-68269	-68118	-68194	-08232	-08040	-08008	-08024	1317.86700	1341.00999
.800	-5.527	-62522	-62672	-62524	-62598	-08132	-07963	-07928	-07945	1321.08400	1341.02000
.800	-5.033	-57109	-57280	-57146	-57213	-07874	-07764	-07739	-07751	1324.16701	1340.85001
.800	-4.537	-51768	-51860	-51729	-51795	-07932	-07806	-07782	-07794	1327.05901	1341.22000
.800	-4.040	-46269	-46350	-46212	-46281	-08079	-07949	-07924	-07937	1329.40300	1341.11000
.800	-3.545	-40760	-40848	-40699	-40773	-07917	-07823	-07799	-07811	1331.45799	1340.97000
.800	-3.053	-35122	-35294	-35127	-35211	-07981	-07795	-07780	-07787	1333.25500	1341.00999
.800	-2.562	-29737	-29820	-29663	-29742	-07849	-07669	-07642	-07655	1334.86000	1341.07001
.800	-2.078	-24443	-24479	-24324	-24402	-07656	-07485	-07466	-07475	1336.06500	1340.96001
.800	-1.602	-19247	-19304	-19130	-19217	-07480	-07293	-07278	-07286	1337.02200	1341.03000
.800	-1.135	-14212	-14186	-14043	-14115	-07514	-07333	-07332	-07332	1337.72000	1341.08000
.800	-.689	-09398	-09335	-09193	-09264	-07649	-07437	-07427	-07432	1338.32201	1340.98000
.800	-.253	-04879	-04831	-04669	-04750	-08582	-08376	-08338	-08357	1338.56900	1340.94000
.800	.258	.00409	.00308	.00478	.00393	-10015	-09792	-09787	-09789	1338.82100	1340.97000
.800	.818	.06483	.06403	.06564	.06484	-10599	-10404	-10405	-10404	1339.01801	1341.07001
		.10878	.10895	.10899	.10897	-00354	-00335	-00339	-00337	2.19769	-.02301

IA310 (AEDC 16TF-783) PROBE CALIBRATION (UCMO47) ( 04 OCT 91 )

PARAMETRIC DATA

BETA = -1.000 PHI = 180.000

RUN NO. 1497/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DPACAL	DPA1	DPA2	DPA	DPCAL	DPB1	DPB2	DPB	PTTF	PT2F
.900	-7.028	-82414	-82600	-82401	-82501	-08970	-08766	-08718	-08742	1242.48599	1273.50000
.900	-6.518	-76488	-76703	-76505	-76604	-08940	-08781	-08742	-08761	1246.23000	1272.99001
.901	-6.023	-70717	-71005	-70798	-70902	-08772	-08618	-08580	-08599	1250.03200	1273.32001
.900	-5.527	-65037	-65296	-65088	-65192	-08475	-08337	-08272	-08305	1253.24300	1272.98000
.900	-5.031	-59329	-59655	-59441	-59548	-08253	-08163	-08124	-08143	1256.18600	1272.78000
.900	-4.534	-53721	-54009	-53806	-53908	-08142	-08054	-08021	-08037	1259.09000	1273.06000
.900	-4.040	-48002	-48221	-48022	-48122	-08117	-08050	-08018	-08034	1261.32700	1273.00000
.900	-3.545	-42235	-42420	-42218	-42319	-08039	-07966	-07939	-07952	1263.41600	1272.85001
.900	-3.052	-36429	-36596	-36382	-36489	-08035	-07953	-07921	-07937	1265.47099	1272.89000
.900	-2.564	-30854	-30999	-30784	-30891	-07983	-07796	-07779	-07788	1266.96899	1273.03000
.900	-2.081	-25410	-25492	-25283	-25387	-07867	-07666	-07655	-07660	1268.19800	1272.96001
.900	-1.604	-20020	-20079	-19892	-19986	-07641	-07564	-07547	-07470	1269.14500	1272.91000
.900	-1.142	-14735	-14688	-14509	-14599	-07745	-07702	-07702	-07555	1270.03799	1273.08000
.900	-.697	-09757	-09687	-09522	-09605	-07902	-08693	-08679	-07709	1270.56200	1272.96001
.900	-.264	-.05104	-.04999	-.04839	-.04919	-08912	-01088	-01095	-08686	1270.91800	1273.00999
.900	.295	.01028	.00976	.01164	.01070	-10373	-10188	-10195	-10191	1271.02499	1273.00999
.900	.811	.06697	.06714	.06879	.06796	-11027	-10824	-10819	-10822	1271.22301	1273.03000
.900		.11312	.11375	.11366	.11370	-00413	-00385	-00391	-00388	2.25231	.01293

RUN NO. 1480/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DPACAL	DPA1	DPA2	DPA	DPCAL	DPB1	DPB2	DPB	PTTF	PT2F
1.100	-7.018	-83126	-83434	-83255	-83345	-10329	-10183	-10131	-10157	1174.41200	1204.77901
1.100	-6.500	-77332	-77499	-77333	-77416	-10285	-10161	-10103	-10132	1178.11301	1204.58701
1.100	-6.007	-71452	-71626	-71435	-71531	-10389	-10275	-10206	-10241	1181.83099	1204.55499
1.100	-5.504	-65601	-65842	-65662	-65752	-10139	-10083	-10039	-10061	1185.12300	1204.71201
1.100	-5.009	-59890	-60103	-59897	-60000	-09831	-09694	-09654	-09679	1188.05499	1204.48100
1.100	-4.502	-54045	-54242	-54045	-54143	-10002	-09900	-09858	-09884	1190.83900	1204.66200
1.100	-4.011	-48403	-48442	-48248	-48345	-09754	-09606	-09571	-09589	1193.19099	1204.80299
1.100	-3.512	-42346	-42457	-42273	-42365	-09461	-09352	-09330	-09341	1195.38400	1204.63600
1.100	-3.012	-36343	-36459	-36245	-36352	-09270	-09224	-09190	-09207	1197.20799	1204.71100
1.100	-2.518	-30438	-30651	-30432	-30542	-09188	-09120	-09087	-09103	1198.67200	1204.59500
1.100	-2.028	-24860	-25050	-24849	-24950	-08978	-08928	-08910	-08919	1200.08299	1204.71899
1.100	-1.542	-19256	-19455	-19247	-19351	-08814	-08775	-08751	-08763	1201.00000	1204.72200
1.100	-1.059	-13808	-13930	-13729	-13830	-08630	-08635	-08630	-08710	1201.60400	1204.47200
1.100	-.588	-.08450	-.08545	-.08344	-.08445	-08789	-08711	-08689	-08700	1202.31000	1204.77200
1.100	-.136	-.03361	-.03544	-.03332	-.03438	-09166	-09113	-09080	-09097	1202.62199	1204.83800
1.100	.432	.02850	.02543	.02765	.02654	-09794	-09719	-09679	-09699	1203.01100	1204.80200
1.100	.927	.08332	.08049	.08244	.08147	-10111	-10028	-10006	-10017	1203.04100	1204.67700
	GRADIENT	.11511	.11486	.11488	.11487	.00029	.00022	.00021	.00021	2.19865	.01047

(UCMO47) ( 04 OCT 91 )

## PARAMETRIC DATA

BETA = -1.000 PHI = 180.000

RUN NO. 1520/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DPACAL	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
1.250	-7.027	-9.1304	-9.1436	-9.1205	-9.1320	-1.0034	-0.9804	-0.9760	-0.9782	1152.32700	1182.94000
1.250	-6.514	-8.4798	-8.4829	-8.4604	-8.4717	-1.0250	-1.0013	-0.9978	-0.9996	1156.16701	1182.38400
1.250	-6.016	-7.8513	-7.8539	-7.8326	-7.8433	-0.9890	-0.9625	-0.9599	-0.9612	1159.64900	1181.81100
1.250	-5.518	-7.1929	-7.1971	-7.1733	-7.1852	-0.9794	-0.9609	-0.9581	-0.9595	1163.43100	1183.07700
1.250	-5.019	-6.5338	-6.5548	-6.5296	-6.5422	-0.9419	-0.9234	-0.9198	-0.9216	1165.67101	1182.68800
1.250	-4.525	-5.9088	-5.9276	-5.9034	-5.9155	-0.9373	-0.9201	-0.9164	-0.9182	1167.64301	1182.33600
1.250	-4.029	-5.2940	-5.3058	-5.2834	-5.2946	-0.9060	-0.8874	-0.8854	-0.8864	1170.22900	1182.28300
1.250	-3.531	-4.6468	-4.6537	-4.6319	-4.6428	-0.8986	-0.8717	-0.8686	-0.8701	1172.69099	1182.43800
1.250	-3.040	-4.0040	-4.0110	-3.9881	-3.9995	-0.9036	-0.8772	-0.8752	-0.8767	1174.83000	1182.54800
1.250	-2.551	-3.3745	-3.3905	-3.3692	-3.3798	-0.8941	-0.8675	-0.8658	-0.8666	1176.43800	1182.38200
1.250	-2.063	-2.7694	-2.7776	-2.7557	-2.7666	-0.8846	-0.8662	-0.8636	-0.8649	1177.67101	1182.39101
1.250	-1.582	-2.1906	-2.1876	-2.1661	-2.1768	-0.8916	-0.8624	-0.8613	-0.8618	1179.07201	1182.81799
1.250	-1.113	-1.6140	-1.6046	-1.5847	-1.5947	-0.8950	-0.8653	-0.8656	-0.8654	1180.04601	1182.86700
1.250	-.660	-1.0601	-1.0434	-1.0232	-1.0333	-0.9095	-0.8810	-0.8800	-0.8805	1180.11301	1182.29401
1.250	-.222	-0.5182	-0.5032	-0.4839	-0.4935	-0.9810	-0.9541	-0.9549	-0.9545	1180.33800	1182.39600
1.250	.291	.01108	.01137	.01330	.01233	-1.1209	-1.0946	-1.0957	-1.0951	1180.63000	1182.78799
1.250	.848	.08023	.08052	.08218	.08135	-1.1888	-1.1593	-1.1605	-1.1599	1180.63000	1182.58701
		.12475	.12528	.12517	.12522	-0.0385	-0.0368	-0.0377	-0.0373	2.38865	.05587

RUN NO. 1536/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DPACAL	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
1.400	-7.024	-1.04598	-1.04889	-1.04668	-1.04779	-1.0630	-0.7842	-1.0369	-0.9106	1132.45200	1163.77499
1.400	-6.511	-9.7269	-9.7578	-9.7331	-9.7455	-1.0778	-0.7990	-1.0531	-0.9261	1137.05299	1164.56000
1.400	-6.014	-9.0075	-9.0196	-8.9975	-9.0086	-1.0729	-0.8043	-1.0593	-0.9318	1140.14400	1163.85800
1.400	-5.515	-8.2845	-8.2929	-8.2686	-8.2807	-1.0393	-0.7690	-1.0240	-0.8965	1143.53600	1164.50800
1.400	-5.021	-7.5744	-7.5885	-7.5647	-7.5766	-1.0391	-0.7659	-1.0217	-0.8938	1146.91800	1164.05800
1.400	-4.522	-6.8728	-6.8875	-6.8645	-6.8760	-1.0414	-0.7707	-1.0270	-0.8989	1149.88800	1164.57500
1.400	-4.027	-6.1464	-6.1620	-6.1393	-6.1507	-0.9973	-0.7321	-0.9881	-0.8601	1152.71001	1164.15100
1.400	-3.528	-5.3829	-5.4009	-5.3789	-5.3899	-0.9821	-0.7177	-0.9734	-0.8456	1154.16701	1163.67400
1.400	-3.032	-4.6261	-4.6392	-4.6161	-4.6277	-0.9728	-0.7124	-0.9696	-0.8410	1156.53200	1164.34801
1.400	-2.542	-3.8894	-3.8960	-3.8735	-3.8847	-0.9827	-0.7169	-0.9723	-0.8446	1157.27100	1164.18300
1.399	-2.054	-3.1969	-3.2108	-3.1890	-3.1999	-0.9606	-0.6968	-0.9545	-0.8256	1158.40300	1164.43201
1.400	-1.576	-2.5399	-2.5509	-2.5302	-2.5406	-0.9798	-0.7069	-0.9648	-0.8359	1159.98500	1164.30800
1.400	-1.106	-1.8912	-1.8910	-1.8707	-1.8808	-1.0008	-0.7281	-0.9872	-0.8577	1161.19400	1163.98500
1.400	-.649	-1.2385	-1.2277	-1.2072	-1.2174	-1.0268	-0.7524	-1.0117	-0.8821	1162.18201	1164.13699
1.400	-.203	-0.6043	-0.5933	-0.5752	-0.5843	-1.1014	-0.8293	-1.0862	-0.9578	1162.74300	1164.63200
1.400	.308	.01170	.01126	.01312	.01219	-1.2509	-0.9759	-1.2352	-1.1056	1162.49800	1163.53200
1.400	.860	.08998	.08988	.09141	.09064	-1.3272	-1.0546	-1.3142	-1.1844	1162.46400	1164.45599
		.14397	.14440	.14427	.14434	-0.0477	-0.0458	-0.0465	-0.0462	2.37469	-.01395

IA310 (AEDC 16TF-783) PROBE CALIBRATION (UCMO47) ( 04 OCT 91 )

PARAMETRIC DATA

BETA = -1.000 PHI = 180.000

RUN NO. 1554/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DPACAL	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
1.449	-7.037	-1.10765	-1.10934	-1.10754	-1.10844	-0.9769	-0.9711	-0.9644	-0.9677	1126.10400	1159.27400
1.450	-6.525	-1.03007	-1.03273	-1.03080	-1.03176	-1.0053	-1.0011	-0.9960	-0.9986	1128.99300	1157.92900
1.450	-6.029	-0.95337	-0.95618	-0.95405	-0.95511	-0.9900	-0.9930	-0.9872	-0.9901	1132.53999	1158.95300
1.450	-5.532	-0.87728	-0.87870	-0.87674	-0.87772	-0.9985	-0.9996	-0.9939	-0.9967	1135.65500	1158.38600
1.450	-5.035	-0.80396	-0.80572	-0.80356	-0.80464	-0.9788	-0.9740	-0.9689	-0.9714	1139.02299	1158.81300
1.450	-4.542	-0.73160	-0.73381	-0.73195	-0.73288	-0.9671	-0.9578	-0.9538	-0.9558	1142.65100	1158.34399
1.450	-4.048	-0.65522	-0.65800	-0.65587	-0.65693	-0.9409	-0.9320	-0.9291	-0.9305	1145.35899	1158.34500
1.450	-3.554	-0.57778	-0.58005	-0.57784	-0.57894	-0.9233	-0.9148	-0.9108	-0.9128	1148.14700	1159.17799
1.451	-3.066	-0.49620	-0.49820	-0.49622	-0.49721	-0.9158	-0.9095	-0.9054	-0.9074	1148.85201	1157.84500
1.449	-2.580	-0.41822	-0.42040	-0.41841	-0.41941	-0.9121	-0.9004	-0.8961	-0.8983	1148.96600	1157.89900
1.450	-2.099	-0.34793	-0.34924	-0.34724	-0.34824	-0.8999	-0.8913	-0.8884	-0.8899	1151.32800	1158.93800
1.450	-1.622	-0.28023	-0.28114	-0.27919	-0.28016	-0.8929	-0.9035	-0.9009	-0.9022	1152.77100	1157.73300
1.450	-1.166	-0.21413	-0.21509	-0.21305	-0.21407	-0.9633	-0.9406	-0.9375	-0.9390	1155.97301	1158.77100
1.450	-0.735	-0.14563	-0.14565	-0.14376	-0.14471	-1.0081	-0.9832	-0.9805	-0.9819	1158.41400	1158.50101
1.450	-0.314	-0.08194	-0.08071	-0.07888	-0.07980	-1.1468	-1.1219	-1.1209	-1.1214	1158.66299	1158.16800
1.449	.246	.00585	.00512	.00699	.00606	-1.3759	-1.3505	-1.3480	-1.3493	1158.49100	1158.61400
1.450	.770	.08428	.08437	.08561	.08499	-1.4833	-1.4749	-1.4729	-1.4739	1156.96001	1158.41400
	GRADIENT	.15303	.15363	.15354	.15358	-0.0866	-0.0838	-0.0842	-0.0840	3.07082	.00597

RUN NO. 1638/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DPACAL	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
1.470	-7.033	-1.12946	-1.12627	-1.12474	-1.12550	-1.0286	-1.0056	-0.9977	-1.0017	1111.37000	1148.26985
1.471	-6.526	-1.05633	-1.05425	-1.05259	-1.05342	-1.0319	-1.0087	-0.9999	-1.0043	1115.41499	1148.64496
1.470	-6.029	-0.98170	-0.98002	-0.97812	-0.97907	-1.0160	-0.9930	-0.9850	-0.9890	1119.91600	1148.70966
1.471	-5.533	-0.90212	-0.90049	-0.89879	-0.89964	-1.0249	-1.0138	-1.0061	-1.0099	1123.44000	1148.36781
1.470	-5.035	-0.82005	-0.81777	-0.81607	-0.81692	-1.0021	-0.9910	-0.9827	-0.9868	1124.75400	1148.45097
1.470	-4.542	-0.74207	-0.73999	-0.73819	-0.73909	-0.9665	-0.9546	-0.9469	-0.9507	1126.58701	1148.40923
1.470	-4.043	-0.66392	-0.66243	-0.66043	-0.66143	-0.9286	-0.9161	-0.9101	-0.9131	1128.79500	1148.72313
1.469	-3.552	-0.58349	-0.58232	-0.58051	-0.58141	-0.9294	-0.9181	-0.9125	-0.9153	1131.43800	1149.22379
1.470	-3.065	-0.50360	-0.50214	-0.50033	-0.50123	-0.9064	-0.9029	-0.8968	-0.8998	1133.01700	1148.68095
1.470	-2.573	-0.42544	-0.42389	-0.42185	-0.42287	-0.8867	-0.8801	-0.8750	-0.8776	1132.74899	1148.50719
1.470	-2.095	-0.35604	-0.35576	-0.35377	-0.35477	-0.8711	-0.8653	-0.8608	-0.8631	1133.58800	1148.92438
1.470	-1.621	-0.28682	-0.28721	-0.28501	-0.28611	-0.8868	-0.8815	-0.8757	-0.8786	1134.63901	1148.74844
1.471	-1.158	-0.21882	-0.21908	-0.21695	-0.21801	-0.9223	-0.9161	-0.9114	-0.9138	1135.67101	1148.78439
1.470	-0.719	-0.15245	-0.15245	-0.15040	-0.15142	-0.9944	-0.9893	-0.9839	-0.9866	1135.67101	1148.62152
1.470	-0.293	-0.08459	-0.08514	-0.08320	-0.08417	-1.1585	-1.1527	-1.1504	-1.1515	1136.07401	1148.89006
1.471	.215	.00541	.00462	.00423	.00443	-1.3856	-1.3769	-1.3755	-1.3762	1136.10800	1148.36685
1.484	.782	.08367	.08244	.08427	.08335	-1.4996	-1.4922	-1.4896	-1.4909	1136.27600	1167.28165
	GRADIENT	.15386	.15337	.15329	.15333	-0.0888	-0.0897	-0.0906	-0.0901	1.66706	1.51657

IA310 (AEDC 16TF-783) PROBE CALIBRATION (UCM047) ( 04 OCT 91 )

## PARAMETRIC DATA

BETA = -1.000 PHI = 180.000

RUN NO. 1589/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DPACAL	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
1.492	-7.036	-1.19644	-1.19356	-1.19237	-1.19296	-1.10199	-1.0052	-1.0031	-1.0041	1102.28799	1141.94653
1.492	-6.524	-1.11336	-1.11111	-1.10958	-1.11034	-1.10392	-1.0264	-1.0205	-1.0244	1104.02100	1141.77559
1.492	-6.022	-1.04314	-1.04075	-1.03961	-1.04018	-1.03399	-1.0239	-1.0205	-1.0222	1106.66499	1141.87981
1.492	-5.531	-0.96670	-0.96499	-0.96369	-0.96434	-1.01116	-0.9965	-0.9926	-0.9946	1110.05800	1142.40065
1.492	-5.033	-0.89045	-0.88743	-0.88675	-0.88709	-1.01148	-1.0014	-0.9979	-0.9997	1112.51100	1142.14957
1.492	-4.534	-0.80907	-0.80690	-0.80554	-0.80622	-0.99199	-0.9795	-0.9771	-0.9783	1114.79500	1142.05310
1.493	-4.045	-0.72878	-0.72697	-0.72541	-0.72619	-0.99995	-0.9862	-0.9833	-0.9847	1116.94501	1141.85199
1.492	-3.550	-0.64735	-0.64596	-0.64439	-0.64517	-0.9842	-0.9669	-0.9650	-0.9660	1118.71600	1141.44019
1.492	-3.056	-0.56577	-0.56328	-0.56161	-0.56244	-0.99000	-0.9740	-0.9721	-0.9731	1119.64600	1141.68890
1.492	-2.573	-0.48629	-0.48347	-0.48191	-0.48269	-0.9915	-0.9707	-0.9691	-0.9699	1120.00200	1141.92471
1.492	-2.086	-0.40639	-0.40347	-0.40177	-0.40262	-1.0107	-0.9935	-0.9923	-0.9929	1120.19400	1141.95667
1.492	-1.615	-0.32796	-0.32695	-0.32523	-0.32609	-1.0586	-1.0317	-1.0311	-1.0314	1119.47501	1142.08752
1.492	-1.149	-0.24956	-0.24905	-0.24741	-0.24823	-1.0940	-1.0655	-1.0662	-1.0658	1118.44701	1141.87595
1.492	-0.711	-0.17455	-0.17345	-0.17165	-0.17255	-1.1634	-1.1364	-1.1361	-1.1363	1117.98700	1142.02721
1.492	-0.278	-0.09841	-0.09783	-0.09626	-0.09704	-1.3613	-1.3323	-1.3325	-1.3324	1117.62100	1141.98232
1.492	.231	-0.00756	-0.00635	-0.00605	-0.00620	-1.6004	-1.5814	-1.5828	-1.5821	1117.12601	1141.91473
1.492	.796	.09243	.09165	.09316	.09241	-1.7222	-1.7027	-1.7099	-1.7063	1116.85800	1142.11665
	GRADIENT	.16848	.16805	.16798	.16801	-0.01265	-0.01243	-0.01256	-0.01249	.03118	.04936

RUN NO. 1605/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DPACAL	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
1.514	-7.040	-1.36016	-1.35414	-1.35318	-1.35366	-1.1835	-1.1757	-1.1687	-1.1722	1108.05099	1134.33553
1.515	-6.523	-1.27462	-1.26916	-1.26797	-1.26856	-1.1908	-1.1883	-1.1820	-1.1851	1112.47200	1134.58662
1.514	-6.027	-1.19118	-1.18605	-1.18494	-1.18550	-1.2091	-1.2015	-1.1947	-1.1981	1116.57100	1135.71974
1.514	-5.530	-1.10040	-1.09575	-1.09446	-1.09511	-1.1409	-1.1353	-1.1297	-1.1325	1121.14999	1136.65463
1.514	-5.033	-0.99679	-0.99322	-0.99185	-0.99254	-1.1095	-1.1063	-1.1024	-1.1043	1124.74100	1136.61333
1.514	-4.538	-0.90116	-0.89691	-0.89563	-0.89627	-1.1105	-1.1054	-1.1006	-1.1030	1123.73300	1134.32092
1.514	-4.044	-0.81307	-0.80853	-0.80710	-0.80782	-1.1374	-1.1370	-1.1340	-1.1355	1123.36400	1134.34715
1.514	-3.554	-0.72997	-0.72632	-0.72475	-0.72553	-1.1576	-1.1609	-1.1568	-1.1589	1124.96300	1134.30823
1.515	-3.060	-0.62876	-0.62588	-0.62429	-0.62509	-1.1833	-1.1775	-1.1732	-1.1753	1127.17000	1134.70361
1.514	-2.573	-0.52746	-0.52408	-0.52245	-0.52327	-1.2051	-1.1945	-1.1921	-1.1933	1129.07401	1135.10460
1.514	-2.084	-0.42908	-0.42559	-0.42394	-0.42477	-1.1958	-1.1883	-1.1855	-1.1869	1131.33501	1135.40706
1.514	-1.614	-0.32705	-0.32491	-0.32325	-0.32408	-1.1759	-1.1686	-1.1658	-1.1680	1131.86301	1135.61313
1.514	-1.153	-0.23868	-0.23778	-0.23596	-0.23687	-1.1962	-1.1876	-1.1852	-1.1864	1131.69501	1136.23242
1.514	-0.709	-0.15989	-0.15907	-0.15736	-0.15822	-1.2960	-1.2877	-1.2860	-1.2868	1131.60400	1136.87892
1.514	-0.281	-0.08381	-0.08361	-0.08177	-0.08269	-1.4862	-1.4776	-1.4774	-1.4775	1131.82899	1137.14720
1.514	.232	.00683	.00595	.00765	.00680	-1.7233	-1.7131	-1.7176	-1.7153	1132.14200	1137.03362
1.514	.799	.10358	.10326	.10498	.10412	-1.8112	-1.8052	-1.8046	-1.8049	1133.11900	1136.96112
	GRADIENT	.19228	.19124	.19132	.19128	-0.01154	-0.01141	-0.01152	-0.01146	1.91702	.63813

(UCM047) ( 04 OCT 91 )

PARAMETRIC DATA

BETA = -1.000 PHI = 180.000

RUN NO. 1620/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DPACAL	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
1.541	-7.035	-1.28477	-1.27951	-1.27804	-1.27878	-1.14069	-1.13955	-1.13885	-1.13920	1116.81700	1131.93124
1.541	-6.523	-1.16429	-1.15886	-1.15734	-1.15810	-1.13232	-1.13115	-1.13049	-1.13082	1118.19800	1131.93056
1.541	-6.027	-1.04973	-1.04640	-1.04491	-1.04565	-1.12702	-1.12603	-1.12533	-1.12568	1119.73399	1132.92545
1.541	-5.530	-0.94356	-0.94065	-0.93907	-0.93986	-1.12545	-1.12431	-1.12371	-1.12401	1120.65100	1133.79097
1.540	-5.038	-0.84224	-0.83943	-0.83779	-0.83861	-1.12713	-1.12620	-1.12546	-1.12583	1121.14500	1134.34256
1.540	-4.534	-0.73857	-0.73499	-0.73332	-0.73415	-1.12505	-1.12364	-1.12307	-1.12335	1121.04401	1134.01410
1.541	-4.040	-0.62672	-0.62376	-0.62175	-0.62276	-1.11676	-1.11567	-1.11512	-1.11540	1120.98000	1133.18405
1.541	-3.549	-0.51236	-0.50981	-0.50799	-0.50890	-1.10831	-1.10754	-1.10711	-1.10733	1121.81000	1133.00441
1.541	-3.056	-0.42035	-0.41740	-0.41557	-0.41648	-0.99987	-0.99813	-0.99781	-0.99797	1123.96001	1134.30127
1.541	-2.574	-0.34279	-0.34166	-0.33991	-0.34079	-0.9740	-0.9727	-0.9682	-0.9705	1122.18300	1132.88847
1.541	-2.090	-0.28497	-0.28334	-0.28155	-0.28244	-0.9680	-0.9645	-0.9620	-0.9633	1120.47400	1132.00829
1.541	-1.614	-0.22110	-0.22002	-0.21810	-0.21906	-0.9620	-0.9521	-0.9491	-0.9506	1122.54601	1135.00368
1.541	-1.149	-0.16140	-0.15892	-0.15698	-0.15795	-0.9555	-0.9440	-0.9424	-0.9432	1119.80499	1132.83969
1.542	-0.710	-0.10731	-0.10505	-0.10297	-0.10401	-0.9470	-0.9530	-0.9504	-0.9517	1123.31200	1135.30479
1.541	-0.280	-0.05362	-0.05135	-0.04962	-0.05048	-1.0924	-1.0708	-1.0681	-1.0694	1122.49600	1133.91019
1.542	.231	.01100	.01072	.01275	.01174	-1.2328	-1.2084	-1.2050	-1.2067	1122.92300	1134.95338
1.541	.796	.07784	.07751	.07944	.07848	-1.13011	-1.12766	-1.12744	-1.12755	1124.16600	1135.91008
1.541	GRADIENT	.14751	.14696	.14699	.14698	-0.00072	-0.00044	-0.00050	-0.00047	.35511	.37312

(UCMO48) ( 04 OCT 91 )

PARAMETRIC DATA

BETA = .500 PHI = 180.000

RUN NO. 1574/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DPACAL	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
.600	-7.023	-.65947	-.65935	-.65752	-.65844	-.01893	-.01737	-.01716	-.01727	1569.64200	1596.73000
.599	-6.514	-.60984	-.60998	-.60915	-.60915	-.01784	-.01551	-.01525	-.01538	1573.86099	1596.64000
.599	-6.011	-.56569	-.56516	-.56351	-.56433	-.01823	-.01578	-.01540	-.01559	1577.21600	1597.10001
.600	-5.513	-.52014	-.51910	-.51752	-.51831	-.01526	-.01258	-.01243	-.01250	1580.24500	1596.12000
.601	-5.021	-.47631	-.47519	-.47350	-.47434	-.01395	-.01121	-.01109	-.01115	1583.14700	1597.35001
.600	-4.523	-.43143	-.43058	-.42901	-.42979	-.01463	-.01238	-.01202	-.01220	1585.29401	1597.00000
.600	-4.026	-.38673	-.38559	-.38387	-.38473	-.01425	-.01185	-.01165	-.01175	1587.58800	1596.97000
.600	-3.528	-.33871	-.33899	-.33739	-.33819	-.01452	-.01198	-.01193	-.01196	1589.75700	1596.75999
.600	-3.030	-.29138	-.29189	-.29024	-.29107	-.01397	-.01136	-.01135	-.01136	1591.03000	1596.32001
.601	-2.537	-.24503	-.24649	-.24472	-.24560	-.01330	-.01088	-.01070	-.01079	1592.81000	1597.47000
.600	-2.049	-.19935	-.20082	-.19909	-.19995	-.01153	-.00871	-.00866	-.00868	1593.46800	1596.14999
.601	-1.561	-.15467	-.15529	-.15360	-.15445	-.00911	-.00643	-.00653	-.00648	1594.53900	1596.89000
.601	-1.088	-.11025	-.11068	-.10903	-.10986	-.00673	-.00511	-.00504	-.00508	1595.26401	1597.44000
.600	-.654	-.07344	-.07387	-.07220	-.07304	-.00648	-.00480	-.00468	-.00474	1595.63000	1597.25000
.600	-.310	-.04523	-.04571	-.04408	-.04489	-.01438	-.01286	-.01271	-.01278	1595.75101	1596.95000
.601	.248	.00149	.00113	.00132	.00123	-.04607	-.04419	-.04416	-.04418	1596.05000	1596.92999
.601	.828	.05252	.05096	.05275	.05185	-.05282	-.05123	-.05131	-.05127	1596.28200	1597.88000
	GRADIENT	.09091	.09063	.09055	.09059	-.00472	-.00491	-.00495	-.00493	1.98905	.11801

RUN NO. 1464/ O RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DPACAL	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
.800	-7.018	-.78746	-.78757	-.78634	-.78695	-.03273	-.03034	-.03000	-.03017	1310.50999	1341.07001
.800	-6.507	-.73327	-.73398	-.73259	-.73328	-.02877	-.02694	-.02662	-.02678	1314.47000	1340.87000
.800	-6.006	-.67763	-.67893	-.67734	-.67813	-.02772	-.02619	-.02571	-.02595	1318.11501	1341.05000
.800	-5.505	-.62299	-.62410	-.62234	-.62322	-.02525	-.02391	-.02358	-.02375	1321.72501	1341.13000
.800	-5.010	-.56806	-.56969	-.56841	-.56905	-.02318	-.02391	-.02352	-.02371	1324.59599	1340.72000
.800	-4.515	-.51466	-.51554	-.51411	-.51483	-.02214	-.02086	-.02065	-.02076	1327.26601	1340.86000
.800	-4.014	-.45959	-.46064	-.45896	-.45980	-.02305	-.02201	-.02195	-.02198	1329.77800	1341.07001
.800	-3.518	-.40346	-.40452	-.40303	-.40378	-.02174	-.02051	-.02040	-.02045	1331.81000	1340.78000
.800	-3.022	-.34762	-.34935	-.34781	-.34858	-.02180	-.02057	-.02044	-.02051	1333.83200	1341.06000
.800	-2.530	-.29282	-.29363	-.29201	-.29282	-.02241	-.02115	-.02104	-.02109	1335.21500	1340.87000
.800	-2.033	-.23940	-.23974	-.23817	-.23896	-.02095	-.01923	-.01893	-.01908	1336.41701	1340.92999
.800	-1.549	-.18526	-.18575	-.18401	-.18488	-.01956	-.01781	-.01768	-.01775	1337.33099	1340.86000
.800	-1.072	-.13262	-.13245	-.13092	-.13169	-.01838	-.01609	-.01602	-.01606	1338.33099	1341.22000
.800	-.620	-.08863	-.08825	-.08654	-.08740	-.01660	-.01406	-.01387	-.01396	1338.83701	1341.14000
.802	-.218	-.04734	-.04676	-.04528	-.04602	-.03548	-.02864	-.02845	-.02854	1336.36800	1340.12000
.800	.329	.00933	.00847	.01010	.00929	-.05348	-.05126	-.05125	-.05126	1339.83000	1338.72000
.800	.886	.06988	.06882	.07054	.06968	-.05753	-.05515	-.05517	-.05516	1339.05000	1341.88000
	GRADIENT	.10816	.10833	.10836	.10835	-.00494	-.00467	-.00469	-.00468	2.08564	-.08977

(UCMO48) ( 04 OCT 91 )

PARAMETRIC DATA

BETA = -.500 PHI = 180.000

RUN NO. 1498/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DPACAL	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
.900	-7.016	-82013	-82222	-81999	-82110	-03379	-03151	-03125	-03138	1242.82700	1273.22000
.900	-6.503	-76108	-76364	-76150	-76257	-03207	-03005	-02950	-02977	1246.60899	1273.00000
.900	-6.006	-70354	-70642	-70445	-70543	-02974	-02804	-02763	-02783	1250.34700	1272.92999
.900	-5.504	-64695	-64954	-64748	-64851	-02533	-02413	-02384	-02398	1253.73599	1273.17000
.900	-5.012	-58995	-59315	-59105	-59210	-02431	-02329	-02302	-02315	1256.98000	1273.12000
.900	-4.510	-53408	-53665	-53510	-53588	-02159	-02081	-02059	-02070	1259.45300	1273.06000
.900	-4.012	-47700	-47912	-47697	-47804	-02131	-02035	-01996	-02016	1261.59900	1272.70000
.900	-3.520	-41895	-42069	-41869	-41969	-02154	-02101	-02061	-02081	1264.11400	1273.14000
.900	-3.017	-36007	-36155	-35965	-36060	-02340	-02192	-02171	-02181	1264.71899	1270.91000
.901	-2.524	-30361	-30518	-30325	-30422	-02067	-01942	-01912	-01927	1265.50101	1271.59000
.900	-2.031	-24804	-24883	-24696	-24789	-02019	-01909	-01882	-01896	1267.82800	1272.17000
.900	-1.547	-19205	-19297	-19097	-19197	-01950	-01748	-01716	-01732	1270.12900	1274.05000
.900	-1.070	-13904	-13870	-13686	-13778	-01786	-01595	-01585	-01590	1270.39400	1272.73000
.900	-.623	-.09141	-.09065	-.08913	-.08989	-01758	-01538	-01518	-01528	1271.37700	1272.88000
.900	-.259	-.05237	-.05146	-.04987	-.05066	-02463	-02271	-02250	-02261	1271.74300	1273.50000
.900	.313	.00913	.00891	.01051	.00971	-.05443	-.05234	-.05235	-.05234	1270.68800	1272.41000
.900	.881	.07217	.07200	.07366	.07283	-.05925	-.05739	-.05725	-.05732	1272.46800	1274.58000
GRADIENT		.11247	.11304	.11297	.11301	-.00506	-.00478	-.00483	-.00480	2.38688	.22980

RUN NO. 1483/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DPACAL	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
1.100	-7.012	-83319	-83244	-83864	-83554	-04748	-04625	-04589	-04607	1174.63699	1204.78200
1.100	-6.497	-77336	-77338	-77933	-77636	-04545	-04408	-04365	-04387	1178.24699	1204.77400
1.100	-5.998	-71528	-71546	-72069	-71807	-04555	-04485	-04436	-04461	1182.14600	1204.96001
1.100	-5.499	-65720	-65770	-66394	-66062	-04266	-04176	-04143	-04160	1185.31599	1204.59599
1.100	-5.005	-60039	-60055	-60636	-60345	-03844	-03834	-03799	-03816	1188.35899	1204.92400
1.100	-4.500	-54154	-54227	-54824	-54526	-04003	-03993	-03954	-03973	1190.98599	1204.54300
1.100	-4.001	-48325	-48365	-48935	-48650	-03650	-03639	-03609	-03624	1193.39000	1204.84200
1.100	-3.506	-42337	-42360	-42937	-42647	-03475	-03467	-03441	-03454	1195.65700	1204.70100
1.100	-3.005	-36516	-36394	-36967	-36680	-03392	-03392	-03353	-03372	1197.54800	1204.60001
1.100	-2.509	-30520	-30536	-31107	-30821	-03409	-03372	-03349	-03360	1199.03200	1204.51801
1.100	-2.010	-24836	-24880	-25447	-25164	-03382	-03334	-03308	-03321	1200.40601	1204.62900
1.100	-1.518	-19255	-19227	-19790	-19509	-03357	-03314	-03293	-03304	1201.24200	1204.60100
1.100	-1.025	-13791	-13692	-14265	-13978	-03020	-02999	-02974	-02986	1202.05800	1204.64999
1.100	-.571	-.08695	-.08604	-.09171	-.08888	-03000	-.02972	-02950	-02961	1202.50400	1204.79500
1.100	-.102	-.03594	-.03511	-.04067	-.03789	-03839	-.03754	-03730	-03742	1202.95799	1204.63499
1.100	.440	.02445	.02337	.01775	.02056	-.04524	-.04401	-04395	-04398	1203.28999	1204.87000
1.100	.966	.08269	.08170	.07590	.07880	-.04428	-.04428	-04423	-04426	1203.27600	1204.63100
GRADIENT		.11413	.11413	.11416	.11415	-.00094	-.00074	-.00079	-.00077	2.19913	.01469



IA310 (AEDC 16TF-783) PROBE CALIBRATION (UCMO48) ( 04 OCT 91 )

PARAMETRIC DATA

BETA = .500 PHI = 180.000

RUN NO. 1521/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DPACAL	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
1.250	-7.018	-90823	-90970	-90751	-90861	-03465	-03232	-03178	-03205	1152.37100	1182.56000
1.250	-6.503	-84418	-84453	-84209	-84331	-03413	-03215	-03168	-03191	1156.40100	1182.24600
1.250	-6.004	-78128	-78170	-77951	-78060	-03570	-03411	-03385	-03398	1160.44200	1182.50500
1.250	-5.504	-71546	-71638	-71331	-71484	-03779	-03235	-03209	-03222	1163.42101	1182.47099
1.250	-5.005	-65060	-65252	-65028	-65140	-03072	-02905	-02868	-02887	1165.69099	1182.56599
1.250	-4.505	-58836	-59039	-58788	-58914	-02972	-02813	-02795	-02804	1168.20000	1182.62700
1.250	-4.012	-52591	-52742	-52496	-52619	-02639	-02459	-02427	-02443	1170.85300	1182.57899
1.250	-3.513	-46063	-46162	-45923	-46043	-02748	-02592	-02548	-02570	1173.45000	1182.36301
1.250	-3.014	-39568	-39658	-39418	-39538	-02797	-02652	-02526	-02539	1174.84000	1182.30299
1.250	-2.520	-33229	-33376	-33139	-33258	-02606	-02451	-02328	-02339	1176.49600	1182.30299
1.250	-2.024	-27288	-27339	-27124	-27243	-02551	-02313	-02291	-02302	1178.74600	1183.14101
1.250	-1.536	-21373	-21353	-21133	-21243	-02560	-02298	-02281	-02289	1179.03799	1181.98900
1.250	-1.055	-15497	-15394	-15176	-15285	-02356	-02062	-02050	-02056	1179.42101	1182.09500
1.250	-.604	-09967	-09850	-09634	-09742	-02223	-01944	-01934	-01939	1180.82800	1183.16600
1.250	-.192	-04994	-04842	-04646	-04744	-03695	-03387	-03379	-03383	1180.38100	1182.06200
1.250	.354	.01747	.01766	.01868	.01868	-05546	-05267	-05267	-05267	1181.33200	1182.85500
1.250	.910	.08556	.08569	.08733	.08651	-05983	-05720	-05728	-05724	1181.01900	1182.55299
1.250	GRADIENT	.12406	.12460	.12447	.12454	-.00447	-.00423	-.00430	-.00426	2.32621	.01917

RUN NO. 1537/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DPACAL	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
1.399	-7.017	-1.04040	-1.04354	-1.04117	-1.04235	-03594	-00836	-03392	-02114	1132.86000	1163.87399
1.400	-6.496	-96733	-97036	-96827	-96931	-03531	-00727	-03282	-02005	1136.92400	1164.61000
1.400	-5.997	-89713	-89846	-89641	-89744	-03273	-00489	-03043	-01766	1140.67599	1164.08299
1.400	-5.497	-82428	-82530	-82301	-82415	-03163	-00476	-03034	-01755	1143.72301	1164.32401
1.400	-5.009	-75512	-75651	-75420	-75535	-03052	-00374	-02905	-01639	1147.22600	1164.21100
1.400	-4.505	-68339	-68485	-68266	-68376	-02733	-00133	-02679	-01406	1150.20599	1164.51401
1.399	-4.011	-61068	-61246	-61008	-61127	-02727	-00098	-02662	-01380	1153.20799	1164.09500
1.400	-3.512	-53325	-53461	-53236	-53349	-02455	.00161	-02388	-01114	1154.67700	1164.15700
1.400	-3.013	-45736	-45837	-45617	-45727	-02474	.00158	-02412	-01127	1156.61501	1164.22800
1.400	-2.518	-38427	-38488	-38274	-38381	-02460	.00165	-02397	-01116	1157.28999	1163.91499
1.400	-2.022	-31591	-31686	-31482	-31584	-02522	.00143	-02416	-01137	1158.90199	1164.78500
1.400	-1.530	-24863	-24991	-24773	-24882	-02505	.00143	-02420	-01139	1160.64900	1163.94099
1.400	-1.053	-18212	-18178	-17914	-18046	-02403	.00256	-02304	-01024	1161.70300	1163.92700
1.400	-.177	-11729	-11624	-11413	-11519	-02331	.00344	-02237	-00947	1162.79201	1164.37100
1.400	.373	.05821	.05680	.05493	.05587	-03869	-.01189	-03760	-02474	1162.49300	1164.42599
1.400	.918	.01939	.01874	.02080	.01977	-05907	-03232	-05816	-04524	1162.47301	1163.78999
1.400	GRADIENT	.09576	.09538	.09722	.09630	-.06458	-.03736	-.06330	-.05033	1163.31300	1164.73199
1.400		.14304	.14343	.14337	.14340	-.00563	-.00545	-.00552	-.00548	2.35601	.01036

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(UCM048) ( 04 OCT 91 )

PARAMETRIC DATA

BETA = -.500 PHI = 180.000

RUN NO. 1555/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DPACAL	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
1.450	-7.016	-1.10216	-1.10388	-1.10194	-1.10291	-0.1911	-0.1920	-0.1882	-0.1901	1126.24800	1158.51401
1.450	-6.507	-1.02555	-1.02844	-1.02638	-1.02741	-0.2050	-0.2084	-0.2016	-0.2050	1129.71899	1158.22900
1.449	-6.008	-0.94871	-0.95159	-0.94960	-0.95059	-0.2242	-0.2282	-0.2233	-0.2258	1133.18800	1158.48300
1.450	-5.509	-0.87216	-0.87360	-0.87160	-0.87260	-0.2062	-0.2088	-0.2046	-0.2067	1135.95300	1158.57201
1.450	-5.011	-0.80163	-0.80375	-0.80131	-0.80253	-0.2057	-0.2066	-0.2011	-0.2039	1138.68700	1158.33200
1.449	-4.518	-0.72877	-0.73074	-0.72891	-0.72982	-0.1608	-0.1620	-0.1572	-0.1596	1142.87300	1158.54100
1.450	-4.015	-0.65198	-0.65456	-0.65251	-0.65353	-0.1429	-0.1381	-0.1327	-0.1354	1146.05400	1158.77901
1.449	-3.521	-0.57088	-0.57339	-0.57129	-0.57234	-0.1418	-0.1348	-0.1299	-0.1323	1147.77699	1158.36301
1.450	-3.024	-0.48858	-0.49096	-0.48881	-0.48989	-0.1492	-0.1238	-0.1208	-0.1223	1148.55000	1157.87801
1.450	-2.526	-0.41249	-0.41400	-0.41200	-0.41300	-0.1557	-0.1302	-0.1286	-0.1294	1149.68201	1158.25000
1.450	-2.038	-0.34092	-0.34208	-0.34000	-0.34104	-0.1429	-0.1218	-0.1189	-0.1203	1150.97200	1158.28200
1.450	-1.555	-0.27324	-0.27431	-0.27231	-0.27331	-0.1302	-0.1092	-0.1051	-0.1071	1154.45399	1158.69701
1.450	-1.082	-0.20190	-0.20274	-0.20077	-0.20175	-0.1208	-0.0988	-0.0952	-0.0970	1157.95799	1158.13600
1.451	-.643	-0.13345	-0.13339	-0.13154	-0.13246	-0.1213	-0.0977	-0.0941	-0.0959	1158.55901	1158.15500
1.450	-.299	-0.08030	-0.07923	-0.07749	-0.07836	-0.12171	-0.1938	-0.1919	-0.1928	1158.67300	1158.68600
1.450	.266	0.00730	0.00660	0.00849	0.00754	-0.06872	-0.06540	-0.06640	-0.0647	1159.25800	1158.41400
1.450	.841	0.09350	0.09331	0.09495	0.09413	-0.08004	-0.07774	-0.07758	-0.0766	1158.92200	1158.52200
1.451	GRADIENT	.15276	.15331	.15325	.15328	-.00892	-.00854	-.00860	-.00857	3.28706	-.00024

RUN NO. 1639/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DPACAL	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
1.470	-7.019	-1.12552	-1.12210	-1.12066	-1.12138	-0.2548	-0.2336	-0.2255	-0.2295	1111.70900	1148.73770
1.470	-6.504	-1.05110	-1.04898	-1.04753	-1.04825	-0.2385	-0.2181	-0.2097	-0.2139	1115.61600	1148.62541
1.469	-6.005	-0.97114	-0.97516	-0.97325	-0.97420	-0.2303	-0.2086	-0.2005	-0.2045	1120.18500	1148.82391
1.470	-5.507	-0.89588	-0.89440	-0.89267	-0.89353	-0.2463	-0.2258	-0.2181	-0.2220	1123.69299	1148.43329
1.470	-5.013	-0.81557	-0.81336	-0.81175	-0.81256	-0.2146	-0.2073	-0.2001	-0.2037	1125.35800	1148.49017
1.470	-4.510	-0.73920	-0.73702	-0.73526	-0.73614	-0.1755	-0.1693	-0.1628	-0.1660	1127.56500	1148.94449
1.470	-4.017	-0.65884	-0.65729	-0.65539	-0.65634	-0.1430	-0.1426	-0.1359	-0.1392	1129.64799	1148.71915
1.470	-3.518	-0.57819	-0.57729	-0.57534	-0.57631	-0.1371	-0.1339	-0.1279	-0.1309	1131.62000	1148.50961
1.484	-3.020	-0.49674	-0.49532	-0.49326	-0.49429	-0.1079	-0.1059	-0.1008	-0.1033	1132.99699	1166.74286
1.470	-2.533	-0.42009	-0.41866	-0.41662	-0.41764	-0.0884	-0.08659	-0.0829	-0.0849	1132.83900	1148.76158
1.470	-2.040	-0.34880	-0.34859	-0.34651	-0.34755	-0.0958	-0.0946	-0.0896	-0.0921	1134.16299	1148.93800
1.470	-1.551	-0.27890	-0.27877	-0.27655	-0.27766	-0.0834	-0.08060	-0.0795	-0.0827	1135.14700	1148.72137
1.470	-1.075	-0.20776	-0.20806	-0.20609	-0.20707	-0.0726	-0.0723	-0.0666	-0.0694	1135.61700	1148.28426
1.470	-.639	-0.14219	-0.14190	-0.13984	-0.14087	-0.0926	-0.0911	-0.0870	-0.0890	1135.89999	1148.23865
1.470	-.258	-0.08305	-0.08146	-0.07946	-0.08046	-0.3641	-0.3624	-0.3577	-0.3600	1136.50400	1149.17305
1.470	.287	0.06663	0.06549	0.06767	0.06658	-0.07216	-0.07167	-0.07125	-0.07146	1136.33600	1148.34203
1.470	.864	0.09557	0.09426	0.09630	0.09528	-0.07948	-0.07938	-0.07904	-0.07921	1136.40401	1148.64413
1.470	GRADIENT	.15367	.15316	.15320	.15318	-.00973	-.00976	-.00981	-.00978	1.57045	-.69265

IA310 (AEDC 16TF-783) PROBE CALIBRATION (UCMO48) ( 04 OCT 91 )

## PARAMETRIC DATA

BETA = .500 PHI = 180.000

RUN NO. 1590/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DPACAL	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
1.492	-7.017	-1.19272	-1.19015	-1.18866	-1.18940	-.02049	-.01858	-.01811	-.01835	1102.21001	1142.08722
1.492	-6.508	-1.11089	-1.10823	-1.10702	-1.10762	-.02110	-.02013	-.01960	-.01986	1104.56200	1142.14900
1.492	-6.004	-1.04170	-1.03929	-1.03812	-1.03870	-.01934	-.01836	-.01802	-.01819	1107.86501	1142.17850
1.492	-5.511	-.96386	-.96176	-.96042	-.96109	-.01809	-.01710	-.01690	-.01700	1110.40800	1141.98349
1.492	-5.012	-.88659	-.88381	-.88282	-.88332	-.01477	-.01370	-.01342	-.01356	1112.82600	1141.83359
1.492	-4.514	-.80400	-.80220	-.80039	-.80130	-.01602	-.01476	-.01445	-.01461	1115.17799	1141.90475
1.492	-4.016	-.72344	-.72140	-.72012	-.72076	-.01385	-.01264	-.01234	-.01249	1117.82201	1141.96373
1.493	-3.523	-.64082	-.63949	-.63790	-.63869	-.01264	-.01079	-.01064	-.01071	1119.73300	1142.12210
1.492	-3.024	-.55877	-.55642	-.55458	-.55550	-.01374	-.01123	-.01118	-.01120	1120.50999	1142.41478
1.492	-2.531	-.47971	-.47670	-.47508	-.47589	-.01547	-.01324	-.01303	-.01313	1120.57700	1142.15002
1.492	-2.039	-.39848	-.39580	-.39410	-.39495	-.01450	-.01242	-.01253	-.01248	1120.34200	1142.05060
1.492	-1.549	-.31701	-.31614	-.31438	-.31526	-.01536	-.01291	-.01284	-.01287	1119.26700	1142.10855
1.493	-1.078	-.23951	-.23909	-.23743	-.23826	-.01638	-.01397	-.01400	-.01398	1118.51801	1141.98401
1.492	-.629	-.16590	-.16487	-.16307	-.16397	-.01862	-.01602	-.01609	-.01605	1118.68600	1141.82526
1.492	-.244	-.09532	-.09457	-.09312	-.09384	-.05114	-.04852	-.04834	-.04834	1118.68600	1141.96103
1.492	.302	.00964	.00893	.01064	.00978	-.08583	-.08344	-.08343	-.08344	1117.24400	1141.62479
1.492	.872	.10863	.10766	.10955	.10861	-.09239	-.08983	-.08991	-.08987	1116.27000	1141.87592
1.492	.16841	.16841	.16786	.16789	.16788	-.01287	-.01264	-.01270	-.01267	-.11682	-.05627

RUN NO. 1606/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DPACAL	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
1.515	-7.022	-1.35859	-1.35301	-1.35218	-1.35259	-.03085	-.02963	-.02894	-.02929	1110.76500	1135.69574
1.515	-6.502	-1.27373	-1.26824	-1.26713	-1.26769	-.02832	-.02806	-.02754	-.02780	1113.50000	1135.34416
1.514	-6.004	-1.18427	-1.17914	-1.17796	-1.17855	-.02509	-.02490	-.02438	-.02464	1116.14101	1134.80786
1.515	-5.510	-1.08720	-1.08257	-1.08120	-1.08189	-.01997	-.02051	-.01996	-.02023	1118.76100	1133.86279
1.515	-5.012	-.98867	-.98513	-.98393	-.98453	-.01473	-.01554	-.01495	-.01524	1121.17999	1134.39682
1.515	-4.514	-.89619	-.89169	-.89083	-.89126	-.01683	-.01755	-.01701	-.01728	1123.32001	1135.15643
1.514	-4.016	-.81687	-.81220	-.81075	-.81148	-.01856	-.01914	-.01858	-.01886	1123.64200	1134.57945
1.514	-3.518	-.72358	-.72014	-.71862	-.71938	-.02211	-.02219	-.02177	-.02198	1125.50000	1134.77046
1.515	-3.019	-.62181	-.61926	-.61761	-.61843	-.02253	-.02263	-.02229	-.02246	1127.39500	1134.30136
1.514	-2.531	-.52031	-.51654	-.51496	-.51575	-.02260	-.02287	-.02257	-.02272	1129.16200	1134.46657
1.514	-2.038	-.42154	-.41849	-.41679	-.41764	-.02233	-.02274	-.02240	-.02257	1131.19099	1134.01221
1.514	-1.548	-.32326	-.32148	-.31979	-.32063	-.02127	-.02146	-.02134	-.02140	1131.10001	1134.82928
1.514	-1.072	-.23584	-.23492	-.23347	-.23417	-.02642	-.02610	-.02582	-.02596	1130.32700	1135.06067
1.514	-.633	-.16084	-.16032	-.15845	-.15939	-.03649	-.03624	-.03585	-.03604	1131.03300	1135.52704
1.514	-.245	-.08240	-.08203	-.08113	-.08113	-.07519	-.07527	-.07504	-.07515	1131.95000	1135.95326
1.514	.301	.02925	.02821	.03004	.02912	-.11336	-.11213	-.11194	-.11204	1132.07401	1136.98343
1.514	.871	.12374	.12318	.12491	.12405	-.11422	-.11328	-.11321	-.11324	1132.33299	1137.29218
1.514	.19290	.19290	.19182	.19194	.19188	-.01712	-.01684	-.01692	-.01688	1.76022	.44101

(UCM048) ( 04 OCT 91 )

IA310 (AEDC 16TF-783) PROBE CALIBRATION

PARAMETRIC DATA

BETA = .500 PHI = 180.000

RUN NO. 1621/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DPACAL	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
1.541	-7.017	-1.27504	-1.27031	-1.26903	-1.26967	-.04237	-.04125	-.04037	-.04081	1120.29601	1135.80357
1.541	-6.502	-1.14935	-1.14475	-1.14335	-1.14405	-.03646	-.03548	-.03480	-.03514	1121.33800	1135.50909
1.541	-6.009	-1.03667	-1.03316	-1.03161	-1.03238	-.03695	-.03575	-.03510	-.03542	1121.17300	1134.65921
1.542	-5.505	-.92865	-.92526	-.92354	-.92440	-.03621	-.03531	-.03454	-.03492	1120.26601	1132.89539
1.542	-5.012	-.82208	-.81932	-.81765	-.81848	-.03497	-.03374	-.03323	-.03348	1118.93600	1132.17421
1.541	-4.514	-.71869	-.71522	-.71352	-.71437	-.03762	-.03672	-.03598	-.03635	1119.38600	1132.95854
1.542	-4.016	-.61070	-.60746	-.60562	-.60654	-.03253	-.03230	-.03183	-.03206	1121.78200	1134.69133
1.541	-3.518	-.50130	-.49877	-.49697	-.49787	-.02810	-.02747	-.02713	-.02730	1124.56000	1135.77815
1.542	-3.020	-.41274	-.40963	-.40777	-.40870	-.02785	-.02663	-.02610	-.02636	1124.97701	1135.54196
1.541	-2.527	-.33968	-.33832	-.33638	-.33735	-.02962	-.02963	-.02926	-.02945	1123.42101	1135.20645
1.541	-2.034	-.27770	-.27645	-.27454	-.27550	-.03073	-.03069	-.03036	-.03053	1122.87399	1135.23106
1.542	-1.549	-.21397	-.21175	-.20990	-.21082	-.02776	-.02707	-.02659	-.02683	1122.64200	1134.59030
1.541	-1.077	-.15253	-.15032	-.14849	-.14941	-.02712	-.02554	-.02511	-.02533	1122.45100	1134.22153
1.541	-.632	-.10018	-.09768	-.09596	-.09682	-.02438	-.02254	-.02224	-.02239	1122.64600	1134.13026
1.541	-.245	-.05232	-.05085	-.04902	-.04993	-.04784	-.04589	-.04560	-.04575	1123.44200	1134.61264
1.542	.303	.02013	.01983	.02179	.02081	-.07156	-.06981	-.06944	-.06963	1123.97900	1136.29500
1.542	.879	.08707	.08671	.08837	.08754	-.07543	-.07337	-.07327	-.07332	1124.06000	1136.43472
GRADIENT		.14429	.14370	.14370	.14370	-.00632	-.00601	-.00607	-.00604	.35576	.24948

(UCMO49) ( 04 OCT 91 )

PARAMETRIC DATA

BETA = .000 PHI = 180.000

RUN NO. 1575/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DPACAL	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
.599	-6.997	-6.5537	-6.5520	-6.5372	-6.5446	.02837	.02814	.02859	.02836	1570.12900	1597.39999
.600	-6.488	-6.0684	-6.0685	-6.0515	-6.0600	.02945	.02931	.02971	.02951	1573.86700	1597.14999
.599	-5.990	-5.6221	-5.6158	-5.5994	-5.6076	.03105	.03205	.03245	.03225	1577.35699	1596.75000
.600	-5.492	-5.1689	-5.1573	-5.1423	-5.1498	.03383	.03503	.03537	.03520	1580.39999	1597.08000
.600	-4.994	-4.7231	-4.7123	-4.6974	-4.7049	.03382	.03483	.03514	.03498	1582.89600	1597.21001
.600	-4.490	-4.2659	-4.2551	-4.2382	-4.2466	.03360	.03470	.03505	.03488	1585.43500	1597.07001
.600	-3.991	-3.8099	-3.7955	-3.7791	-3.7873	.03421	.03516	.03544	.03530	1587.72501	1596.98000
.600	-3.487	-3.3351	-3.3377	-3.3209	-3.3293	.03342	.03439	.03462	.03451	1589.48199	1597.02000
.600	-2.987	-2.8645	-2.8680	-2.8518	-2.8599	.03260	.03379	.03406	.03392	1591.22501	1597.53000
.600	-2.482	-2.3842	-2.3942	-2.3782	-2.3862	.03281	.03379	.03406	.03392	1592.83701	1597.53000
.601	-1.976	-1.9263	-1.9368	-1.9212	-1.9290	.03456	.03532	.03572	.03552	1593.82700	1597.03999
.600	-1.468	-1.4566	-1.4566	-1.4403	-1.4485	.03687	.03762	.03779	.03770	1594.39799	1596.62000
.600	-.954	-.9829	-.9858	-.9681	-.9769	.03523	.03638	.03656	.03647	1595.35800	1596.89000
.600	-.420	-.05258	-.05231	-.05092	-.05175	.03706	.03795	.03824	.03809	1595.49001	1596.84000
.600	-.075	-.02841	-.02870	-.02701	-.02786	-.00473	-.00323	-.00317	-.00320	1595.54300	1596.52000
.600	.472	.01852	.01674	.01850	.01762	-.01004	-.00838	-.00821	-.00829	1596.10100	1597.06000
.600	.984	.06391	.06324	.06485	.06404	-.01100	-.00900	-.00911	-.00905	1596.00999	1597.11000
.600	GRADIENT	.09015	.08980	.08982	.08981	-.00675	-.00664	-.00669	-.00666	2.11536	-.04332

RUN NO. 1465/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DPACAL	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
.800	-7.003	-7.8393	-7.8440	-7.8301	-7.8371	.02983	.03062	.03111	.03086	1311.14600	1341.25999
.800	-6.492	-7.2927	-7.3005	-7.2866	-7.2935	.02794	.02905	.02948	.02926	1314.90800	1341.17999
.800	-5.986	-6.7437	-6.7557	-6.7411	-6.7484	.03073	.03066	.03098	.03082	1318.62000	1341.28000
.800	-5.491	-6.1908	-6.2025	-6.1862	-6.1944	.03477	.03413	.03447	.03430	1321.96100	1340.91000
.800	-4.991	-5.6425	-5.6618	-5.6452	-5.6535	.03546	.03514	.03555	.03535	1324.83600	1340.99001
.800	-4.490	-5.1026	-5.1115	-5.0963	-5.1039	.03547	.03497	.03540	.03518	1327.48300	1341.03999
.800	-3.990	-4.5545	-4.5639	-4.5496	-4.5568	.03466	.03464	.03490	.03477	1329.99800	1340.95000
.800	-3.489	-3.9988	-4.0082	-3.9915	-3.9998	.03398	.03386	.03411	.03398	1331.99001	1340.83000
.800	-2.988	-3.4364	-3.4540	-3.4392	-3.4466	.03385	.03353	.03385	.03369	1333.96500	1341.14000
.800	-2.487	-2.8793	-2.8878	-2.8727	-2.8802	.03547	.03484	.03525	.03504	1335.38499	1341.00000
.800	-1.980	-2.3342	-2.3384	-2.3230	-2.3307	.03570	.03554	.03579	.03566	1336.76900	1341.02000
.800	-1.477	-1.7821	-1.7801	-1.7647	-1.7724	.03725	.03687	.03714	.03701	1337.67200	1341.00999
.800	-.971	-1.2283	-1.2283	-1.2094	-1.2188	.03658	.03640	.03671	.03656	1338.31700	1341.11000
.800	-.451	-.06996	-.06950	-.06787	-.06868	.03892	.03923	.03945	.03934	1338.97501	1341.07001
.800	.083	-.01380	-.01316	-.01163	-.01239	-.00110	-.00326	-.00353	.00340	1339.18201	1340.97000
.801	.489	.02642	.02556	.02718	.02637	-.00301	-.00096	-.00095	-.00095	1339.55800	1341.12000
.800	GRADIENT	.08222	.08060	.08210	.08135	-.00395	-.00188	-.00183	-.00186	1339.45399	1340.78999
.800		.10807	.10827	.10828	.10828	-.00591	-.00550	-.00554	-.00552	2.37538	-.00056

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(UCMO49) ( 04 OCT 91 )

PARAMETRIC DATA

BETA = .000 PHI = 180.000

RUN NO. 1499/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DPACAL	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
.900	-7.001	-8.1499	-8.1692	-8.1496	-8.1594	.02807	.02853	.02915	.02884	1243.26601	1273.00999
.900	-6.487	-7.5855	-7.5863	-7.5638	-7.7571	.03016	.03052	.03102	.03077	1245.42599	1271.42000
.900	-5.985	-6.9910	-7.0197	-6.9974	-7.0086	.03373	.03432	.03481	.03457	1248.71800	1271.33000
.900	-5.483	-6.4190	-6.4451	-6.4255	-6.4353	.03600	.03532	.03578	.03555	1252.66800	1271.87000
.900	-4.991	-5.8556	-5.8881	-5.8677	-5.8779	.03738	.03700	.03744	.03722	1256.14700	1272.47000
.900	-4.489	-5.3023	-5.3273	-5.3061	-5.3167	.03792	.03728	.03772	.03750	1259.55600	1272.85001
.900	-3.986	-4.7291	-4.7482	-4.7279	-4.7381	.03819	.03764	.03822	.03793	1262.17200	1273.13000
.900	-3.489	-4.1430	-4.1632	-4.1434	-4.1533	.03721	.03680	.03707	.03694	1264.45300	1273.32001
.900	-2.981	-3.5567	-3.5817	-3.5618	-3.5717	.03680	.03666	.03699	.03683	1266.17599	1273.05000
.900	-2.478	-2.9853	-3.0011	-2.9802	-2.9907	.03732	.03689	.03725	.03707	1267.69299	1273.13000
.900	-1.980	-2.4255	-2.4332	-2.4130	-2.4231	.03770	.03735	.03768	.03751	1268.79800	1273.12000
.900	-1.475	-1.8449	-1.8525	-1.8276	-1.8401	.03916	.03885	.03908	.03896	1269.79201	1272.89999
.900	-.966	-1.2796	-1.2736	-1.2561	-1.2648	.03871	.03803	.03839	.03821	1270.58099	1273.00999
.900	-.448	-.0724	-.0724	-.07056	-.07140	.04071	.04020	.04054	.04037	1271.16200	1272.96001
.900	.048	-.0210	-.01901	-.01733	-.01817	-.00029	.00169	.00193	.00181	1271.24200	1272.85001
.900	.481	.02622	.02578	.02754	.02666	-.00447	-.00241	-.00224	-.00233	1271.58400	1272.92999
.900	.997	.08349	.08283	.08424	.08354	-.00467	-.00308	-.00298	-.00303	1271.54700	1272.95000
.900	GRADIENT	.11203	.11261	.11252	.11256	-.00657	-.00620	-.00625	-.00622	2.41800	.00845

RUN NO. 1484/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DPACAL	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
1.100	-7.006	-8.3004	-8.2984	-8.3588	-8.3286	.01466	.01413	.01479	.01446	1174.78300	1204.88300
1.100	-6.492	-7.6970	-7.6995	-7.7600	-7.7297	.01820	.01800	.01864	.01832	1178.62199	1204.69600
1.100	-5.995	-7.1326	-7.1358	-7.1881	-7.1619	.01702	.01650	.01696	.01673	1182.32700	1204.69901
1.100	-5.492	-6.5476	-6.5523	-6.6104	-6.5814	.02102	.01946	.01985	.01965	1185.61501	1204.72400
1.100	-4.992	-5.9821	-5.9867	-6.0427	-6.0147	.02209	.02078	.02138	.02108	1188.61400	1204.39500
1.100	-4.488	-5.4029	-5.4115	-5.4679	-5.4397	.02187	.02056	.02106	.02081	1191.37801	1204.78200
1.100	-3.995	-4.8083	-4.8120	-4.8709	-4.8415	.02355	.02213	.02263	.02238	1193.69200	1204.68900
1.100	-3.496	-4.2130	-4.2183	-4.2768	-4.2476	.02403	.02286	.02315	.02300	1195.88200	1204.66701
1.100	-2.997	-3.6208	-3.6123	-3.6695	-3.6409	.02327	.02187	.02235	.02211	1197.76300	1204.78600
1.100	-2.488	-3.0261	-3.0315	-3.0880	-3.0598	.02465	.02324	.02379	.02351	1199.33099	1204.59599
1.100	-1.996	-2.4587	-2.4637	-2.5202	-2.4919	.02497	.02357	.02405	.02381	1200.46001	1204.78799
1.100	-1.487	-1.8924	-1.8895	-1.9465	-1.9180	.02631	.02516	.02564	.02540	1201.65500	1204.82001
1.100	-.989	-1.3374	-1.3283	-1.3842	-1.3572	.02577	.02483	.02515	.02499	1202.28000	1204.72301
1.100	-.486	-.07907	-.07840	-.08402	-.08121	.02829	.02697	.02739	.02718	1202.94200	1204.82899
1.100	.001	-.02574	-.02470	-.03041	-.02755	.02367	.02273	.02289	.02281	1203.14900	1204.70900
1.100	.513	.03142	.03012	.02461	.02737	.01374	.01301	.01313	.01307	1203.37500	1204.45399
1.100	1.014	.08798	.08682	.08096	.08389	.01390	.01276	.01302	.01289	1203.67700	1204.68300
1.100	GRADIENT	.11412	.11416	.11417	.11416	-.00077	-.00070	-.00075	-.00072	2.42337	.00823

(UCMO49) ( 04 OCT 91 )

PARAMETRIC DATA

BETA = .000 PHI = 180.000

RUN NO. 1522/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DPACAL	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
1.250	-7.001	-90450	-90583	-90373	-90478	02846	02926	02967	02947	1152.03500	1182.32100
1.250	-6.485	-84064	-84097	-83869	-83983	03035	03026	03083	03054	1156.06500	1181.80400
1.250	-5.987	-77834	-77876	-77639	-77758	03464	03454	03505	03480	1160.49899	1182.97900
1.250	-5.488	-71153	-71120	-70969	-71120	03240	03238	03288	03263	1163.72301	1182.52299
1.250	-4.984	-64671	-64878	-64634	-64756	03614	03649	03682	03665	1165.57100	1182.41200
1.250	-4.486	-58439	-58673	-58433	-58553	03534	03549	03600	03575	1168.22400	1182.67900
1.250	-3.988	-52161	-52304	-52065	-52184	03875	03885	03934	03909	1170.92999	1182.53200
1.250	-3.489	-45664	-45745	-45533	-45639	03694	03700	03735	03718	1173.03700	1182.61400
1.250	-2.987	-39273	-39379	-39140	-39259	03720	03733	03772	03752	1175.64200	1182.77100
1.250	-2.483	-32934	-32999	-32785	-32892	03599	03697	03720	03709	1177.15401	1182.68900
1.250	-1.978	-26815	-26884	-26674	-26779	03558	03700	03740	03720	1178.23900	1182.21201
1.250	-1.478	-20806	-20766	-20561	-20664	03670	03792	03824	03808	1178.68800	1181.78101
1.250	-980	-14629	-14504	-14291	-14397	03902	04026	04052	04039	1180.35800	1182.91299
1.250	-462	-08274	-08146	-07950	-08048	03957	04108	04136	04122	1180.43500	1182.33200
1.250	-102	-01429	-01263	-01053	-01158	02561	02681	02706	02694	1180.07600	1182.64400
1.250	.502	.03373	.03353	.03552	.03452	00360	00525	00626	00576	1181.18700	1183.15900
1.250	1.009	.09638	.09642	.09823	.09732	00246	00499	00581	00540	1181.28799	1182.51801
	GRADIENT	.12385	.12437	.12428	.12433	-.00437	-.00402	-.00397	-.00400	2.50403	.02168

RUN NO. 1538/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DPACAL	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
1.400	-7.005	-1.03508	-1.03814	-1.03595	-1.03705	.04430	.07066	.04532	.05799	1133.15800	1164.32600
1.400	-6.490	-.96248	-.96569	-.96356	-.96462	.04558	.07181	.04642	.05912	1137.38901	1164.33900
1.400	-5.987	-.89289	-.89376	-.89207	-.89292	.04257	.06874	.04358	.05616	1140.57001	1163.93201
1.400	-5.487	-.82002	-.82082	-.81851	-.81967	.04430	.07004	.04463	.05734	1143.65100	1164.27600
1.400	-4.989	-.75047	-.75193	-.74969	-.75081	.04682	.07117	.04580	.05848	1147.45599	1164.33600
1.400	-4.485	-.67933	-.68082	-.67862	-.67972	.04788	.07281	.04726	.06003	1149.95599	1163.85699
1.400	-3.993	-.60608	-.60786	-.60552	-.60669	.04960	.07415	.04877	.06146	1152.93500	1164.55600
1.400	-3.489	-.52884	-.53045	-.52810	-.52928	.04933	.07411	.04879	.06145	1155.18900	1164.32600
1.400	-2.987	-.45267	-.45383	-.45154	-.45268	.04760	.07261	.04711	.05986	1156.62000	1164.62500
1.400	-2.484	-.38010	-.38067	-.37848	-.37957	.04679	.07141	.04592	.05867	1157.57300	1163.95799
1.400	-1.981	-.31068	-.31205	-.31002	-.31104	.04588	.07088	.04519	.05804	1158.84000	1164.48900
1.400	-1.483	-.24237	-.24347	-.24134	-.24241	.04611	.07133	.04571	.05852	1160.74800	1163.90800
1.399	-.979	-.17159	-.17079	-.16863	-.16971	.04733	.07250	.04685	.05967	1161.69901	1164.10100
1.400	-.468	-.10034	-.09913	-.09705	-.09809	.04909	.07402	.04844	.06123	1162.82100	1164.55299
1.400	.091	-.02181	-.02058	-.01866	-.01962	.03458	.05946	.03363	.04655	1162.64301	1164.40500
1.400	.501	.03512	.03434	.03640	.03537	01067	03596	01014	.02305	1163.38499	1164.21300
1.400	1.006	.10643	.10610	.10782	.10696	.00775	.03300	.00730	.02015	1162.87500	1164.23900
	GRADIENT	.14276	.14314	.14306	.14310	-.00526	-.00515	-.00522	-.00518	2.57106	.00216

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(UCMO49) ( 04 OCT 91 )

PARAMETRIC DATA

BETA = .000 PHI = 180.000

RUN NO. 1556/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DPACAL	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
1.450	-6.956	-1.08989	-1.09148	-1.08969	-1.09058	.05707	.05485	.05570	.05527	1126.83299	1158.25000
1.450	-6.487	-1.01991	-1.02289	-1.02093	-1.02191	.06344	.06154	.06240	.06197	1129.95700	1158.27400
1.450	-5.983	- .94310	- .94586	- .94380	- .94483	.06179	.05997	.06059	.06028	1133.23900	1158.74100
1.450	-5.484	- .86626	- .86776	- .86581	- .86678	.05865	.05703	.05768	.05736	1135.70100	1158.39000
1.450	-4.980	- .79636	- .79881	- .79654	- .79767	.06100	.05918	.05986	.05952	1139.47400	1158.47800
1.450	-4.481	- .72302	- .72507	- .72296	- .72402	.06557	.06386	.06459	.06423	1142.91400	1158.45399
1.451	-3.982	- .64353	- .64597	- .64382	- .64490	.06404	.06399	.06457	.06428	1145.80200	1158.30200
1.450	-3.483	- .56387	- .56637	- .56416	- .56527	.06359	.06348	.06403	.06376	1147.62601	1158.05299
1.450	-2.979	- .48257	- .48495	- .48285	- .48390	.06396	.06419	.06464	.06441	1148.92599	1158.67599
1.450	-2.475	- .40642	- .40687	- .40487	- .40587	.06120	.06158	.06220	.06189	1149.77901	1158.46500
1.449	-1.969	- .33269	- .33390	- .33201	- .33295	.06333	.06275	.06330	.06303	1150.94501	1157.95799
1.450	-1.466	- .26202	- .26123	- .26123	- .26219	.06431	.06490	.06535	.06512	1155.27800	1159.02100
1.450	- .954	- .18460	- .18554	- .18321	- .18437	.06606	.06662	.06718	.06690	1158.04201	1157.92200
1.449	- .423	- .10188	- .10087	- .09904	- .09996	.06459	.06558	.06606	.06582	1158.33400	1158.20300
1.450	- .081	- .05387	- .05278	- .05113	- .05196	.00379	.00507	.00598	.00553	1156.49001	1158.01100
1.450	.477	.02813	.02746	.02919	.02832	- .00219	- .00009	.00015	.00003	1158.80800	1158.09500
1.451	.445	.02453	.02391	.02559	.02475	- .00330	- .00135	- .00119	- .00127	1159.33501	1158.12000
1.450	.987	.10957	.10927	.11091	.11009	- .00522	- .00279	- .00248	- .00263	1158.90199	1158.20399
GRADIENT	.15107	.15155	.15146	.15146	.15151	- .01171	- .01111	- .01116	- .01113	3.25663	- .05780

RUN NO. 1640/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DPACAL	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
1.471	-6.954	-1.11425	-1.11111	-1.10971	-1.11041	.05925	.05955	.06057	.06006	1112.45200	1148.59149
1.485	-6.486	-1.04570	-1.04365	-1.04200	-1.04283	.05911	.05938	.06024	.05981	1115.53300	1166.79568
1.484	-5.987	- .97140	- .96933	- .96776	- .96855	.06292	.06302	.06393	.06347	1119.60699	1167.03316
1.471	-5.489	- .89091	- .88877	- .88741	- .88809	.05997	.06011	.06104	.06057	1123.05800	1147.97679
1.485	-4.985	- .81074	- .80858	- .80680	- .80769	.06256	.06229	.06315	.06272	1125.00600	1166.82417
1.470	-4.486	- .73307	- .73127	- .72956	- .73042	.06354	.06329	.06414	.06371	1127.73700	1149.16733
1.484	-3.982	- .65279	- .65142	- .64941	- .65041	.06625	.06554	.06640	.06597	1129.66200	1167.10320
1.470	-3.489	- .57333	- .57218	- .57013	- .57115	.06882	.06682	.06748	.06715	1131.83501	1148.63251
1.471	-2.980	- .49031	- .48889	- .48683	- .48786	.06601	.06408	.06479	.06444	1133.29300	1148.45502
1.470	-2.476	- .41305	- .41158	- .40950	- .41054	.06739	.06554	.06614	.06584	1133.37000	1149.17694
1.470	-1.976	- .33946	- .33928	- .33732	- .33830	.06978	.06837	.06903	.06870	1134.36800	1148.88319
1.485	-1.469	- .26662	- .26648	- .26456	- .26552	.07114	.06963	.07204	.07175	1135.91299	1166.86577
1.484	- .958	- .19078	- .19110	- .18902	- .19006	.07337	.07146	.07204	.07243	1135.89301	1148.60788
1.470	- .438	- .11156	- .11136	- .10938	- .11037	.07349	.07208	.07278	.07243	1136.27600	1148.94539
1.470	- .080	- .04289	- .04209	- .04015	- .04112	.00526	.00488	.00557	.00522	1136.72701	1149.20483
1.470	.487	.03669	.03594	.03795	.03694	- .00324	- .00299	- .00267	- .00283	1136.72701	1149.20483
1.470	.997	.11372	.11252	.11464	.11358	- .00474	- .00427	- .00401	- .00414	1136.96201	1148.33676
GRADIENT	.15418	.15371	.15374	.15374	.15372	- .01032	- .01021	- .01029	- .01025	1.79368	- 1.41040



IA310 (AEDC 16TF-783) PROBE CALIBRATION

(UCMO49) ( 04 OCT 91 )

PARAMETRIC DATA

BETA = .000 PHI = 180.000

RUN NO. 1591/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DPACAL	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
1.492	-6.954	-1.18113	-1.17831	-1.17702	-1.17767	.07031	.06994	.07056	.07025	1104.57300	1142.20683
1.492	-6.486	-1.10742	-1.10478	-1.10343	-1.10410	.06998	.06952	.06998	.06975	1105.60100	1141.89345
1.492	-5.988	-1.03734	-1.03501	-1.03372	-1.03436	.07234	.07146	.07191	.07169	1108.51401	1141.64584
1.492	-5.484	-.96039	-.95829	-.95685	-.95757	.07206	.07160	.07200	.07180	1111.23500	1141.88693
1.492	-4.991	-.88174	-.87910	-.87761	-.87835	.07416	.07387	.07428	.07408	1113.75400	1142.32979
1.493	-4.487	-.80104	-.79912	-.79736	-.79824	.07456	.07447	.07504	.07475	1116.77800	1142.71321
1.493	-3.989	-.71763	-.71568	-.71435	-.71502	.07293	.07261	.07299	.07280	1119.05200	1142.44940
1.493	-3.484	-.63322	-.63202	-.63040	-.63121	.07709	.07705	.07734	.07720	1120.63100	1142.15611
1.493	-2.986	-.55116	-.54877	-.54710	-.54794	.07639	.07615	.07652	.07633	1121.13100	1142.37320
1.492	-2.477	-.47109	-.46837	-.46679	-.46758	.07226	.07281	.07310	.07295	1121.88400	1142.74287
1.493	-1.978	-.38840	-.38589	-.38428	-.38508	.07246	.07288	.07312	.07300	1121.77299	1142.32881
1.492	-1.472	-.30333	-.30285	-.30101	-.30193	.07215	.07292	.07312	.07302	1120.59801	1142.44533
1.493	-.964	-.22100	-.22059	-.21874	-.21966	.07511	.07597	.07598	.07598	1119.95900	1142.28458
1.492	-.443	-.13488	-.13378	-.13215	-.13297	.07619	.07699	.07717	.07708	1120.68800	1141.99008
1.492	-.090	-.05447	-.05356	-.05190	-.05273	.00301	.00512	.00536	.00524	1121.99200	1142.69556
1.492	.492	.04452	.04347	.04527	.04437	-.00435	-.00215	-.00222	-.00219	1120.26900	1142.52646
1.492	.995	.12918	.12809	.12974	.12892	-.00607	-.00370	-.00377	-.00373	1118.83400	1142.61241
1.493	.16851	.16851	.16798	.16802	.16800	-.01266	-.01219	-.01228	-.01224	.62136	.00738

RUN NO. 1607/ O RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DPACAL	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
1.515	-7.006	-1.34963	-1.34561	-1.34467	-1.34514	.07502	.07464	.07536	.07500	1111.55800	1136.34407
1.514	-6.491	-1.26647	-1.26061	-1.25951	-1.26006	.07596	.07447	.07519	.07483	1114.39400	1135.98764
1.515	-5.987	-1.17973	-1.17458	-1.17335	-1.17397	.07775	.07657	.07725	.07691	1117.04800	1135.18973
1.515	-5.483	-1.08281	-1.07782	-1.07648	-1.07715	.08122	.07986	.08061	.08024	1119.71201	1134.41470
1.514	-4.990	-.98365	-.98044	-.97882	-.97963	.08205	.08118	.08191	.08154	1121.27100	1134.13721
1.514	-4.492	-.89179	-.88695	-.88607	-.88651	.08305	.08103	.08169	.08136	1121.07899	1133.69441
1.515	-3.983	-.81104	-.80655	-.80507	-.80581	.08432	.08220	.08277	.08248	1124.07899	1136.71100
1.515	-3.484	-.71997	-.71640	-.71493	-.71567	.08095	.07862	.07924	.07893	1127.10300	1135.29605
1.514	-2.986	-.61369	-.61111	-.60966	-.61039	.07536	.07321	.07385	.07353	1128.68100	1136.33350
1.515	-2.483	-.51653	-.51333	-.51192	-.51263	.07603	.07367	.07437	.07402	1131.41200	1137.02626
1.514	-1.978	-.41425	-.41097	-.40938	-.41017	.07274	.07137	.07176	.07157	1132.34300	1135.91594
1.514	-1.471	-.31390	-.31194	-.31032	-.31113	.07135	.07042	.07084	.07063	1130.66299	1134.96860
1.515	-.962	-.22285	-.22113	-.22113	-.22192	.07348	.07239	.07278	.07258	1129.91400	1134.73415
1.514	-.448	-.12941	-.12864	-.12687	-.12776	.07072	.06961	.06998	.06979	1130.85500	1135.61203
1.515	-.095	-.01623	-.01576	-.01413	-.01495	-.02351	-.02380	-.02347	-.02364	1131.82300	1137.18750
1.515	.493	.07375	.07265	.07446	.07356	-.03166	-.03191	-.03174	-.03182	1132.82100	1138.03502
1.515	1.001	.15676	.15614	.15819	.15716	-.03230	-.03241	-.03228	-.03235	1132.72000	1137.84244
1.515	.19424	.19424	.19332	.19342	.19337	-.01889	-.01859	-.01868	-.01863	1.89423	.45513

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(UCMO49) ( 04 OCT 91 )

PARAMETRIC DATA

BETA = .000 PHI = 180.000

RUN NO. 1622/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DPACAL	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
1.542	-6.954	-1.24696	-1.24083	-1.24002	-1.24043	.07483	.07398	.07484	.07441	1119.29700	1135.72777
1.542	-6.491	-1.13543	-1.13081	-1.12933	-1.13007	.06144	.06061	.06138	.06100	1120.59399	1135.75310
1.542	-5.987	-1.02152	-1.01823	-1.01651	-1.01737	.06283	.06172	.06261	.06217	1121.06400	1135.55936
1.542	-5.489	-9.1010	-9.0721	-9.0550	-9.0636	.06088	.05991	.06076	.06033	1120.94701	1134.75383
1.541	-4.990	-8.0851	-8.0605	-8.0428	-8.0516	.05809	.05664	.05742	.05703	1120.95700	1135.05707
1.541	-4.487	-7.0575	-7.0297	-7.0103	-7.0200	.05603	.05476	.05542	.05509	1121.23599	1134.89804
1.541	-3.983	-6.0044	-5.9785	-5.9589	-5.9687	.05331	.05200	.05249	.05225	1122.23399	1134.74667
1.542	-3.485	-4.9699	-4.9434	-4.9255	-4.9344	.05039	.04917	.04982	.04950	1123.53400	1134.69954
1.541	-2.982	-4.0852	-4.0520	-4.0352	-4.0436	.04228	.04201	.04263	.04232	1124.13901	1134.80862
1.541	-2.478	-3.3513	-3.3414	-3.3218	-3.3316	.03741	.03567	.03619	.03593	1122.64999	1134.67966
1.541	-1.978	-2.6956	-2.6816	-2.6649	-2.6732	.03912	.03695	.03751	.03723	1122.58701	1134.58652
1.541	-1.472	-2.0452	-2.0263	-2.0084	-2.0173	.03530	.03497	.03548	.03522	1122.60699	1134.44162
1.541	-.962	-1.3916	-1.3661	-1.3484	-1.3572	.03858	.03850	.03901	.03876	1122.57700	1134.17928
1.541	-.441	-0.7576	-0.7370	-0.7181	-0.7276	.04330	.04347	.04384	.04365	1123.11800	1134.28850
1.541	.142	.00293	.00247	.00436	.00341	.02607	.02624	.02659	.02641	1123.83299	1134.27873
1.541	.478	.04659	.04594	.04790	.04692	-.01678	-.01459	-.01426	-.01442	1123.24600	1133.94916
1.541	.996	.10139	.10081	.10288	.10184	-.01580	-.01379	-.01348	-.01364	1122.58701	1134.07452
1.542		.14844	.14789	.14791	.14790	-.01026	-.00972	-.00978	-.00975	.24069	-.16633

GRADIENT

IA310 (AEDC 16TF-783) PROBE CALIBRATION (UCM050) ( 04 OCT 91 )

## PARAMETRIC DATA

BETA = .500 PHI = 180.000

MACH	ALPHA	RUN NO. 1576/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00										PTTF	PT2F	
		DPACAL	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F			
.599	-6.980	-65320	-65325	-65180	-65253	.07556	.07535	.07570	.07553	.07553	.07570	.07553	1569.81400	1597.00000
.600	-6.468	-60544	-60530	-60366	-60448	.07737	.07754	.07790	.07772	.07772	.07790	.07772	1573.70700	1597.07001
.600	-5.967	-55882	-55784	-55642	-55713	.07781	.07807	.07850	.07829	.07829	.07850	.07829	1577.24400	1596.91000
.600	-5.464	-51265	-51156	-50977	-51066	.07773	.07875	.07919	.07897	.07897	.07919	.07897	1580.21001	1596.96001
.600	-4.966	-46855	-46719	-46555	-46637	.07793	.07913	.07947	.07930	.07930	.07947	.07930	1582.99400	1596.46001
.600	-4.462	-42259	-42148	-41980	-42064	.07726	.07844	.07865	.07855	.07855	.07865	.07855	1585.55600	1597.02000
.600	-3.951	-37664	-37520	-37355	-37438	.07807	.07922	.07956	.07939	.07939	.07956	.07939	1587.53500	1597.14000
.600	-3.448	-33034	-33060	-32893	-32976	.07723	.07831	.07863	.07847	.07847	.07863	.07847	1589.53700	1596.66000
.601	-2.937	-28163	-28190	-28020	-28105	.07656	.07738	.07764	.07751	.07751	.07764	.07751	1591.32700	1597.05000
.600	-2.431	-23422	-23518	-23352	-23435	.07816	.07937	.07949	.07940	.07940	.07949	.07943	1592.74699	1596.87000
.600	-1.912	-18596	-18730	-18567	-18648	.07809	.07937	.07949	.07943	.07943	.07949	.07943	1593.65100	1595.92999
.601	-1.392	-13943	-13976	-13818	-13897	.07703	.07772	.07788	.07780	.07780	.07788	.07780	1594.59100	1596.74001
.601	-.855	-8929	-8989	-8822	-8906	.07529	.07566	.07575	.07570	.07570	.07575	.07570	1595.18201	1597.59000
.600	-.299	-04272	-04295	-04137	-04216	.06726	.06762	.06782	.06771	.06771	.06782	.06771	1595.54700	1596.47000
.600	.254	.00390	.00203	.00363	.00283	.05016	.05131	.05137	.05134	.05134	.05137	.05134	1595.75900	1596.47000
.600	.670	.03747	.03598	.03748	.03673	.03707	.03810	.03824	.03817	.03817	.03824	.03817	1596.01401	1597.20000
.600	1.102	.07506	.07442	.07641	.07542	.03506	.03620	.03634	.03627	.03627	.03634	.03627	1596.16800	1597.23000
	GRADIENT	.09010	.08969	.08970	.08969	-.00643	-.00648	-.00652	-.00650	-.00650	-.00652	-.00650	2.05060	.03295

MACH	ALPHA	RUN NO. 1466/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00										PTTF	PT2F	
		DPACAL	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F			
.800	-6.986	-78109	-78198	-78062	-78130	.08660	.08762	.08805	.08783	.08783	.08805	.08783	1310.84801	1341.41000
.800	-6.478	-72554	-72638	-72498	-72568	.08806	.08877	.08913	.08895	.08895	.08913	.08895	1314.75101	1341.32001
.800	-5.974	-67032	-67144	-66995	-67069	.08947	.08967	.09005	.08986	.08986	.09005	.08986	1318.39799	1341.37000
.800	-5.470	-61501	-61613	-61469	-61541	.08917	.08954	.08990	.08972	.08972	.08990	.08972	1321.81100	1340.97000
.800	-4.971	-56183	-56183	-56035	-56109	.09043	.09012	.09055	.09033	.09033	.09055	.09033	1324.87100	1341.07001
.800	-4.471	-50572	-50704	-50546	-50625	.08980	.08976	.09031	.09004	.09004	.09031	.09004	1327.52000	1341.14000
.800	-3.969	-45158	-45259	-45105	-45182	.08963	.08925	.08962	.08944	.08944	.08962	.08944	1330.03600	1341.09000
.800	-3.461	-39539	-39628	-39475	-39551	.08788	.08769	.08805	.08787	.08787	.08805	.08787	1332.14500	1340.96001
.800	-2.954	-33968	-34048	-33901	-33974	.08766	.08713	.08736	.08725	.08725	.08736	.08725	1333.98900	1341.00999
.800	-2.449	-28281	-28386	-28223	-28304	.08736	.08713	.08745	.08729	.08729	.08745	.08729	1335.51601	1341.03000
.800	-1.938	-22856	-22907	-22741	-22824	.08744	.08713	.08732	.08723	.08723	.08732	.08723	1336.62100	1340.98000
.800	-1.424	-17201	-17177	-17036	-17107	.08573	.08587	.08613	.08600	.08600	.08613	.08600	1337.81300	1341.05000
.800	-.900	-11411	-11381	-11222	-11302	.08567	.08596	.08628	.08612	.08612	.08628	.08612	1338.46800	1340.85001
.800	-.362	-05881	-05871	-05705	-05788	.08125	.08150	.08172	.08161	.08161	.08172	.08161	1339.07899	1340.95000
.800	.178	-00285	-00237	-00250	-00244	.06843	.06897	.06921	.06909	.06909	.06921	.06909	1339.29700	1340.95000
.800	.628	.04276	.04172	.04338	.04255	.05516	.05565	.05568	.05567	.05567	.05568	.05567	1339.52400	1340.95000
.800	1.084	.09151	.09002	.09163	.09082	.05321	.05302	.05301	.05302	.05302	.05301	.05302	1339.70900	1340.98000
	GRADIENT	.10792	.10808	.10802	.10805	-.00545	-.00534	-.00540	-.00537	-.00537	-.00540	-.00537	2.34903	-.02574

IA310 (AEDC 16TF-783) PROBE CALIBRATION (UCM050) ( 04 OCT 91 )

## PARAMETRIC DATA

BETA = .500 PHI = 180.000

MACH	ALPHA	DPACAL	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
.900	-6.987	-81124	-81310	-81115	-81212	.09076	.09116	.09188	.09152	1242.94299	1273.17999
.900	-6.472	-75339	-75589	-75394	-75492	.09023	.09079	.09132	.09105	1246.91299	1273.30000
.900	-5.967	-69599	-69902	-69685	-69793	.08971	.08951	.09007	.08979	1250.58400	1273.22000
.900	-5.466	-63790	-64063	-63857	-63960	.09297	.09295	.09360	.09328	1253.99600	1273.22000
.900	-4.970	-58150	-58487	-58272	-58380	.09202	.09163	.09216	.09189	1256.84801	1272.96001
.900	-4.463	-52655	-52894	-52690	-52792	.09298	.09264	.09302	.09283	1259.39700	1272.69000
.900	-3.959	-46882	-47090	-46891	-46990	.09319	.09249	.09306	.09278	1261.83501	1272.85001
.900	-3.459	-41043	-41224	-41014	-41119	.09176	.09176	.09210	.09197	1264.19600	1273.06000
.900	-2.950	-35282	-35427	-35217	-35322	.09156	.09121	.09179	.09150	1266.16499	1273.13000
.900	-2.443	-29438	-29594	-29385	-29489	.09170	.09099	.09145	.09122	1268.85800	1274.52000
.900	-1.934	-23751	-23833	-23624	-23729	.09101	.09116	.09166	.09141	1270.55701	1274.86000
.900	-1.413	-17910	-17969	-17734	-17852	.08968	.08979	.09018	.08998	1271.35001	1274.50999
.900	-.887	-11928	-11892	-11696	-11794	.08964	.08962	.09003	.08982	1271.60400	1273.86000
.900	-.348	-.06257	-.06208	-.06031	-.06120	.08431	.08436	.08484	.08460	1272.29601	1274.05000
.900	.191	-.00440	-.00333	-.00333	-.00333	.07034	.07075	.07099	.07087	1272.10500	1273.08000
.900	.635	.04361	.04304	.04474	.04389	.05615	.05655	.05669	.05662	1271.93300	1273.37000
.900	1.081	.09242	.09159	.09319	.09239	.05556	.05526	.05555	.05541	1272.14500	1273.53000
GRADIENT		.11174	.11226	.11211	.11218	-.00562	-.00550	-.00554	-.00552	2.51117	.12975

MACH	ALPHA	DPACAL	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
1.100	-7.003	-82583	-82600	-83193	-82897	.07365	.07324	.07394	.07359	1174.78101	1204.91499
1.100	-6.483	-76748	-76765	-77331	-77048	.07620	.07582	.07649	.07615	1178.57600	1204.93800
1.100	-5.988	-70992	-71052	-71567	-71310	.07440	.07407	.07470	.07439	1182.24800	1204.57899
1.100	-5.481	-65128	-65195	-65769	-65482	.07724	.07620	.07674	.07647	1185.69000	1204.72200
1.100	-4.986	-59486	-59535	-60094	-59814	.07800	.07655	.07715	.07685	1188.60201	1204.57300
1.100	-4.483	-53695	-53792	-54372	-54082	.07837	.07708	.07763	.07735	1191.32899	1204.81700
1.100	-3.989	-47839	-47884	-48455	-48170	.07903	.07768	.07814	.07791	1193.73700	1204.79500
1.100	-3.481	-41889	-41945	-42512	-42229	.08001	.07852	.07892	.07872	1195.86400	1204.63100
1.100	-2.976	-35959	-35999	-36492	-36196	.08024	.07900	.07959	.07929	1197.86501	1204.71300
1.100	-2.479	-30109	-30168	-30731	-30449	.07929	.07845	.07907	.07876	1199.33299	1204.83099
1.100	-1.976	-24371	-24438	-25014	-24726	.07953	.07832	.07881	.07856	1200.52800	1204.56900
1.100	-1.464	-18755	-18731	-19284	-19007	.07861	.07719	.07767	.07743	1201.60300	1204.76401
1.100	-.968	-13014	-12961	-13532	-13247	.07931	.07807	.07845	.07826	1202.29800	1204.71800
1.100	-.460	-07579	-07497	-08060	-07779	.07876	.07728	.07765	.07746	1202.88901	1204.84801
1.100	.051	-01962	-01909	-02470	-02190	.07738	.07624	.07666	.07645	1203.19200	1204.71600
1.100	.536	.03664	.03513	.02931	.03222	.07401	.07257	.07293	.07275	1203.54700	1204.65601
1.100	1.029	.08849	.08715	.08137	.08426	.07329	.07184	.07211	.07198	1203.60100	1204.81300
GRADIENT		.11379	.11380	.11380	.11380	-.00069	-.00069	-.00073	-.00071	2.41860	.00994

(UCM050) ( 04 OCT 91 )

PARAMETRIC DATA

BETA = .500 PHI = 180.000

RUN NO. 1523/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DPACAL	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
1.250	-6.991	-90044	-90166	-89941	-90053	.09247	.09309	.09364	.09336	1151.78600	1181.97301
1.250	-6.474	-83803	-83841	-83597	-83719	.09618	.09644	.09702	.09673	1156.39799	1182.95500
1.250	-5.978	-77497	-77555	-77326	-77441	.09804	.09757	.09812	.09785	1160.64301	1182.66200
1.250	-5.471	-70817	-70915	-70682	-70799	.09750	.09755	.09804	.09779	1163.29300	1182.25400
1.250	-4.973	-64231	-64470	-64223	-64347	.09597	.09594	.09633	.09614	1165.35600	1182.35699
1.250	-4.471	-58138	-58356	-58118	-58237	.09788	.09786	.09838	.09812	1168.44501	1182.50999
1.250	-3.966	-51725	-51883	-51648	-51765	.09990	.09940	.09980	.09960	1170.73900	1182.37900
1.250	-3.462	-45341	-45416	-45193	-45305	.09813	.09861	.09909	.09885	1173.05701	1182.46201
1.250	-2.958	-38840	-38914	-38705	-38809	.09643	.09704	.09748	.09726	1175.19600	1182.59300
1.250	-2.451	-32510	-32613	-32389	-32501	.09695	.09731	.09769	.09750	1176.88499	1182.66100
1.250	-1.948	-26379	-26495	-26273	-26384	.09558	.09596	.09621	.09608	1178.08400	1182.45100
1.250	-1.431	-20231	-20211	-19991	-20101	.09563	.09609	.09649	.09629	1179.33600	1182.79401
1.250	-9.16	-13895	-13765	-13551	-13658	.09529	.09583	.09610	.09596	1180.15700	1182.48100
1.250	-.390	-07495	-07365	-07176	-07271	.09072	.09207	.09224	.09216	1180.48199	1182.42700
1.250	.145	-00995	-00834	-00727	-00781	.08042	.08204	.08210	.08200	1181.22099	1182.50301
1.250	.609	.04759	.04709	.04918	.04813	.06911	.07040	.07060	.07050	1181.22099	1182.50301
1.250	1.071	.10389	.10357	.10546	.10452	.06724	.06892	.06901	.06896	1181.01900	1182.24400
GRADIENT		.12343	.12392	.12380	.12386	-.00454	-.00424	-.00430	-.00427	2.51693	-.00109

RUN NO. 1539/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DPACAL	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
1.400	-6.992	-103212	-103528	-103313	-103421	.11402	.14001	.11498	.12750	1133.02901	1163.84900
1.400	-6.480	-95785	-96108	-95888	-95998	.11766	.14394	.11860	.13127	1137.06200	1164.50999
1.400	-5.979	-88780	-88862	-88694	-88778	.11636	.14167	.11632	.12899	1140.58900	1163.92000
1.400	-5.471	-81580	-81666	-81449	-81558	.11543	.14089	.11567	.12828	1143.46800	1163.91000
1.400	-4.975	-74679	-74830	-74605	-74717	.11489	.14063	.11516	.12789	1147.19600	1164.50000
1.400	-4.472	-67488	-67668	-67421	-67544	.11711	.14237	.11701	.12969	1150.18600	1164.08200
1.400	-3.973	-60142	-60301	-60073	-60187	.11848	.14291	.11740	.13015	1152.86301	1164.32100
1.400	-3.464	-52518	-52679	-52440	-52559	.11786	.14264	.11722	.12993	1155.14999	1164.25700
1.400	2.966	-44907	-45024	-44807	-44915	.11641	.14129	.11600	.12864	1156.32600	1164.43100
1.400	-2.460	-37632	-37691	-37458	-37575	.11313	.13785	.11236	.12510	1157.75999	1164.47900
1.399	-1.949	-30615	-30731	-30514	-30622	.11319	.13762	.11214	.12488	1158.57001	1163.87399
1.400	-1.439	-23644	-23774	-23553	-23664	.11424	.13902	.11333	.12617	1160.98801	1164.63100
1.400	-.921	-16424	-16365	-16171	-16268	.11188	.13758	.11208	.12483	1161.93900	1164.12000
1.399	-.399	-09107	-09008	-08823	-08915	.10685	.13283	.10712	.11998	1161.96600	1164.27100
1.400	.130	-01745	-01653	-01450	-01552	.09818	.12395	.09832	.11113	1162.35899	1163.90800
1.400	.609	.04886	.04832	.05032	.04932	.08586	.11080	.08512	.09796	1163.11200	1164.10201
1.400	1.059	.11297	.11238	.11428	.11333	.08338	.10840	.08268	.09554	1162.93401	1164.25600
GRADIENT		.14223	.14258	.14250	.14254	-.00506	-.00501	-.00506	-.00503	2.51358	-.03772

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(UCMO50) ( 04 OCT 91 )

PARAMETRIC DATA

BETA = .500 PHI = 180.000

RUN NO. 1557/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DPACAL	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
1.450	-6.981	-1.09456	-1.09670	-1.09471	-1.09571	.13676	.13623	.13697	.13660	1125.98300	1158.31200
1.450	-6.463	-1.01751	-1.02054	-1.01840	-1.01947	.13847	.13703	.13775	.13739	1129.57800	1158.32600
1.450	-5.961	-.94029	-.94352	-.94145	-.94249	.13461	.13263	.13342	.13302	1132.89000	1158.97300
1.450	-5.458	-.86235	-.86415	-.86217	-.86316	.13739	.13555	.13620	.13587	1135.48000	1158.01900
1.450	-4.955	-.79199	-.79445	-.79250	-.79348	.13555	.13539	.13596	.13568	1138.33501	1157.79900
1.450	-4.450	-.71859	-.72098	-.71872	-.71985	.14099	.14050	.14117	.14083	1142.39999	1158.46500
1.450	-3.950	-.64031	-.64324	-.64108	-.64216	.13968	.13926	.14001	.13963	1145.52400	1158.71899
1.450	-3.448	-.56159	-.56409	-.56198	-.56303	.13937	.13910	.13968	.13939	1147.96600	1158.57201
1.450	-2.937	-.47805	-.48035	-.47816	-.47926	.13719	.13667	.13729	.13698	1148.49001	1157.81400
1.450	-2.426	-.40187	-.40399	-.40149	-.40257	.13511	.13491	.13544	.13517	1149.65601	1158.61501
1.450	-1.907	-.32589	-.32707	-.32507	-.32607	.13459	.13449	.13518	.13484	1151.17000	1158.42599
1.450	-1.390	-.25272	-.25410	-.25195	-.25303	.13636	.13634	.13736	.13715	1154.00200	1158.58200
1.450	-.856	-.17310	-.17343	-.17146	-.17245	.13356	.13402	.13458	.13430	1157.28300	1158.03799
1.450	-.307	-.08980	-.08893	-.08727	-.08810	.12477	.12525	.12579	.12552	1158.98599	1158.47900
1.449	.240	-.00756	-.00696	-.00687	-.00691	.10048	.10088	.10150	.10119	1158.90900	1158.10201
1.449	.659	.05798	.05736	.05914	.05825	.08120	.08195	.08236	.08216	1160.04100	1158.78500
1.449	1.098	1.2521	1.2475	1.2640	1.2558	.07726	.07831	.07872	.07851	1158.66400	1158.11700
GRADIENT		.15111	.15163	.15147	.15155	-.00914	-.00890	-.00894	-.00892	3.42452	.01229

RUN NO. 1642/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DPACAL	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
1.470	-6.982	-1.12214	-1.11807	-1.11703	-1.11755	.13727	.13684	.13759	.13722	1111.83299	1149.02139
1.471	-6.469	-1.04303	-1.03994	-1.03878	-1.03936	.14181	.14144	.14203	.14173	1114.92999	1148.15781
1.471	-5.968	-.96983	-.96728	-.96616	-.96672	.13789	.13737	.13818	.13777	1120.04201	1149.37340
1.470	-5.465	-.88925	-.88637	-.88583	-.88610	.13976	.13885	.13953	.13919	1123.72000	1148.95085
1.470	-4.967	-.80880	-.80578	-.80464	-.80521	.13789	.13651	.13714	.13682	1125.26199	1148.61964
1.471	-4.458	-.73107	-.72835	-.72725	-.72780	.13849	.13750	.13809	.13780	1127.86900	1149.15532
1.470	-3.957	-.65135	-.64930	-.64804	-.64867	.13987	.13878	.13925	.13902	1129.72600	1148.83565
1.470	-3.451	-.57037	-.56853	-.56714	-.56783	.13968	.13903	.13947	.13925	1132.15500	1149.20787
1.470	-2.941	-.48811	-.48616	-.48467	-.48542	.13851	.13775	.13820	.13797	1134.00900	1149.17194
1.470	-2.436	-.40776	-.40561	-.40410	-.40486	.13920	.13792	.13828	.13810	1133.04401	1148.57065
1.470	-1.920	-.33362	-.33276	-.33134	-.33205	.14231	.13989	.14041	.14015	1134.46500	1149.05182
1.470	-1.399	-.25819	-.25762	-.25619	-.25691	.14273	.14029	.14052	.14040	1135.10400	1148.66896
1.470	-.872	-.17762	-.17669	-.17524	-.17596	.14180	.13971	.14009	.13990	1136.07401	1148.88730
1.470	-.328	-.09241	-.09223	-.09117	-.09170	.13467	.13266	.13307	.13287	1136.78000	1149.31381
1.470	.219	-.00587	-.00467	-.00487	-.00477	.11271	.11064	.11085	.11074	1136.73199	1148.96867
1.470	.650	.06119	.06076	.06235	.06156	.08727	.08536	.08567	.08552	1136.97800	1149.11609
1.470	1.096	1.2777	1.2719	1.2872	1.2797	.08027	.07844	.07872	.07857	1136.46001	1148.71933
GRADIENT		.15420	.15367	.15364	.15366	-.00763	-.00784	-.00789	-.00786	1.72721	.00904

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(UCM050) ( 04 OCT 91 )

PARAMETRIC DATA

BETA = .500 PHI = 180.000

RUN NO. 1592/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DPACAL	DPA1	DPA2	DPA	DPCAL	DPB1	DPB2	DPB	PTTF	PT2F
1.492	-6.987	-1.18486	-1.18239	-1.18110	-1.18174	.14978	.14857	.14916	.14887	1104.26801	1142.38371
1.493	-6.470	-1.10236	-1.10007	-1.09877	-1.09942	.14814	.14718	.14774	.14746	1106.53900	1142.65817
1.493	-5.968	-1.03158	-1.02925	-1.02813	-1.02869	.15087	.14992	.15069	.15030	1110.16701	1142.65956
1.492	-5.466	-.95417	-.95217	-.95083	-.95150	.15578	.15496	.15545	.15520	1112.98900	1142.74577
1.492	-4.964	-.87605	-.87320	-.87176	-.87248	.15617	.15491	.15536	.15514	1115.29700	1142.42148
1.493	-4.460	-.79460	-.79262	-.79119	-.79190	.15496	.15416	.15459	.15437	1117.60500	1142.23662
1.492	-3.960	-.71090	-.70943	-.70718	-.70831	.15511	.15551	.15581	.15566	1119.72039	1142.26747
1.493	-3.453	-.62623	-.62503	-.62329	-.62416	.15793	.15706	.15732	.15719	1121.67000	1142.08163
1.492	-2.949	-.54436	-.54196	-.54020	-.54108	.15867	.15761	.15803	.15782	1122.87900	1142.91565
1.492	-2.440	-.46103	-.45849	-.45680	-.45764	.15541	.15505	.15551	.15528	1123.40700	1143.02386
1.493	-1.925	-.37759	-.37487	-.37304	-.37396	.15650	.15592	.15592	.15583	1123.50800	1143.00858
1.492	-1.405	-.29173	-.29143	-.28947	-.29045	.15402	.15361	.15379	.15370	1122.75500	1143.50661
1.492	-.882	-.20400	-.20388	-.20203	-.20296	.15372	.15319	.15325	.15322	1122.31799	1143.76985
1.493	-.341	-.11113	-.11114	-.10938	-.11026	.14789	.14802	.14806	.14804	1122.85899	1144.01805
1.493	.206	-.00953	-.00887	-.00707	-.00797	.12679	.12705	.12719	.12712	1123.42999	1144.45558
1.492	.634	-.06940	.06821	.07006	.06913	.10147	.10153	.10165	.10159	1122.89301	1144.63203
1.493	1.089	.14502	.14364	.14534	.14449	.09062	.09106	.09119	.09112	1122.28799	1144.35463
	GRADIENT	.16833	.16774	.16776	.16775	-.00877	-.00853	-.00860	-.00856	.91368	.43486

RUN NO. 1608/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DPACAL	DPA1	DPA2	DPA	DPCAL	DPB1	DPB2	DPB	PTTF	PT2F
1.515	-6.987	-1.34260	-1.33908	-1.33769	-1.33838	.16954	.16773	.16876	.16824	1111.05039	1136.14349
1.515	-6.470	-1.26199	-1.25677	-1.25554	-1.25616	.16687	.16574	.16643	.16608	1115.96600	1137.73032
1.515	-5.968	-1.17720	-1.17149	-1.17030	-1.17089	.17196	.17014	.17110	.17062	1120.52499	1138.66240
1.516	-5.466	-1.07809	-1.07387	-1.07258	-1.07322	.17551	.17383	.17466	.17424	1123.82700	1138.45403
1.515	-4.968	-.98066	-.97771	-.97592	-.97681	.17279	.17131	.17229	.17180	1123.22301	1136.25838
1.515	-4.465	-.89299	-.88881	-.88784	-.88832	.17420	.17237	.17317	.17277	1121.50900	1134.80153
1.515	-3.955	-.81116	-.80655	-.80507	-.80581	.17739	.17526	.17593	.17560	1121.71100	1133.57826
1.516	-3.454	-.71567	-.71291	-.71098	-.71194	.17484	.17345	.17410	.17377	1125.23801	1136.14635
1.514	-2.949	-.61127	-.60864	-.60706	-.60785	.16754	.16629	.16684	.16657	1128.12700	1136.97293
1.516	-2.440	-.51067	-.50708	-.50556	-.50632	.16620	.16459	.16509	.16484	1129.90800	1135.71272
1.515	-1.930	-.41026	-.40725	-.40557	-.40641	.16495	.16364	.16413	.16388	1129.90800	1135.71272
1.516	-1.407	-.30843	-.30670	-.30488	-.30579	.16277	.16132	.16171	.16152	1130.37801	1136.68796
1.516	-.878	-.20237	-.20237	-.20073	-.20155	.16063	.15900	.15945	.15923	1131.05000	1137.66838
1.516	-.340	-.09543	-.09525	-.09367	-.09446	.15260	.15083	.15142	.15112	1132.39400	1138.54974
1.515	.205	.02401	.02243	.02446	.02345	.12498	.12360	.12381	.12371	1130.37801	1135.68796
1.516	1.089	.10859	.10777	.10959	.10868	.08387	.08313	.08324	.08318	1128.56799	1134.17746
1.516	1.094	.18002	.18023	.18270	.18146	.07053	.06963	.06985	.06974	1128.76601	1134.98589
	GRADIENT	.19551	.19463	.19474	.19469	-.01454	-.01443	-.01454	-.01448	1.41878	.07145

(UCM050) ( 04 OCT 91 )

IA310 (AEDC 16TF-783) PROBE CALIBRATION

PARAMETRIC DATA

BETA = .500 PHI = 180.000

RUN NO. 1623/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DPACAL	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
1.542	-6.986	-1.25560	-1.24978	-1.24873	-1.24925	.15911	.15706	.15801	.15753	1118.05600	1133.64168
1.541	-6.469	-1.12828	-1.12380	-1.12232	-1.12306	.15304	.15109	.15209	.15159	1119.56700	1133.62497
1.542	-5.968	-1.01490	-1.01156	-1.01000	-1.01078	.15309	.15114	.15209	.15161	1120.06100	1133.52625
1.541	-5.466	-.90637	-.90396	-.90219	-.90307	.14844	.14661	.14737	.14699	1120.26300	1133.77359
1.541	-4.968	-.80102	-.79873	-.79664	-.79768	.14155	.14000	.14082	.14041	1119.97400	1133.97736
1.542	-4.465	-.69909	-.69615	-.69434	-.69525	.13901	.13750	.13826	.13788	1120.63300	1134.17073
1.542	-3.954	-.59837	-.59558	-.59369	-.59463	.13391	.13222	.13299	.13260	1121.62100	1134.13147
1.541	-3.453	-.49950	-.49700	-.49520	-.49610	.12443	.12323	.12416	.12369	1123.32401	1134.85925
1.541	-2.950	-.40749	-.40430	-.40250	-.40340	.11172	.11055	.11111	.11083	1124.25400	1135.03079
1.541	-2.440	-.32897	-.32784	-.32617	-.32701	.10301	.10127	.10180	.10154	1123.03500	1135.40541
1.542	-1.925	-.26471	-.26366	-.26183	-.26274	.10103	.09908	.09965	.09936	1123.19299	1135.46388
1.542	-1.412	-.19586	-.19406	-.19195	-.19300	.09774	.09680	.09730	.09705	1123.20700	1135.71095
1.541	-.882	-.12812	-.12619	-.12420	-.12520	.09567	.09488	.09515	.09502	1123.48500	1136.00725
1.542	-.339	-.05855	-.05687	-.05498	-.05592	.08877	.08896	.08940	.08918	1123.92599	1136.03998
1.542	.206	.01349	.01262	.01487	.01375	.07362	.07378	.07422	.07400	1124.56400	1136.15866
1.541	.642	.06537	.06468	.06558	.06563	.05349	.05346	.05396	.05371	1124.39000	1136.19505
1.541	1.094	.11524	.11445	.11630	.11538	.04830	.04853	.04890	.04871	1124.07700	1136.02698
1.542		.14809	.14749	.14751	.14750	-.01472	-.01438	-.01447	-.01443	.59769	.39084

GRADIENT



(UCM051) ( 04 OCT 91 )

PARAMETRIC DATA

BETA = 1.000 PHI = 180.000

RUN NO. 1577/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DPACAL	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
.600	-6.960	-.65008	-.64976	-.64825	-.64901	.12630	.12654	.12698	.12676	1570.01700	1597.17000
.600	-6.452	-.60373	-.60349	-.60193	-.60271	.12427	.12455	.12498	.12474	1573.68700	1597.03000
.600	-5.945	-.55767	-.55706	-.55539	-.55622	.12573	.12584	.12616	.12600	1576.79800	1596.75999
.600	-5.440	-.51121	-.50994	-.50821	-.50907	.12528	.12522	.12556	.12539	1580.05600	1597.02000
.600	-4.938	-.46624	-.46468	-.46308	-.46388	.12425	.12517	.12558	.12538	1582.59500	1596.82001
.600	-4.428	-.42096	-.41952	-.41809	-.41880	.12348	.12482	.12508	.12495	1585.14799	1596.87000
.600	-3.920	-.37381	-.37319	-.37163	-.37241	.12424	.12528	.12549	.12539	1587.30701	1597.30000
.601	-3.411	-.32638	-.32675	-.32496	-.32585	.12346	.12451	.12482	.12467	1589.48700	1597.67000
.600	-2.900	-.27850	-.27862	-.27706	-.27784	.12173	.12283	.12314	.12299	1590.77299	1596.77000
.601	-2.382	-.23037	-.23098	-.22927	-.23013	.12159	.12175	.12215	.12195	1592.57700	1597.20000
.600	-1.863	-.18163	-.18281	-.18065	-.18173	.12064	.12100	.12129	.12114	1593.56100	1597.03999
.601	-1.330	-.13444	-.13477	-.13294	-.13385	.11862	.11888	.11916	.11902	1594.67900	1597.52000
.600	-.798	-.08601	-.08652	-.08500	-.08576	.11495	.11525	.11543	.11534	1594.98100	1596.73000
.601	-.265	-.03865	-.03890	-.03724	-.03807	.10694	.10734	.10747	.10740	1595.57600	1597.28999
.601	.227	.00290	.00151	.00288	.00219	.09778	.09791	.09797	.09794	1596.00900	1597.56000
.601	.704	.04189	.04132	.04288	.04210	.09132	.09197	.09205	.09201	1595.93201	1597.20000
.600	1.185	.08423	.08399	.08532	.08465	.08510	.08585	.08587	.08586	1595.99899	1596.91000
	GRADIENT	.09041	.09009	.09007	.09008	-.00604	-.00617	-.00622	-.00619	2.11509	.02519

RUN NO. 1467/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DPACAL	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
.799	-6.976	-.78005	-.78097	-.77961	-.78029	.14155	.14273	.14314	.14293	1310.53600	1341.19000
.800	-6.457	-.72412	-.72469	-.72332	-.72401	.14392	.14376	.14424	.14400	1314.65401	1341.23000
.800	-5.959	-.66808	-.66937	-.66779	-.66858	.14706	.14717	.14753	.14735	1318.24400	1341.14000
.800	-5.453	-.61273	-.61381	-.61230	-.61305	.14489	.14480	.14521	.14501	1321.65300	1340.99001
.800	-4.956	-.55801	-.55975	-.55807	-.55891	.14677	.14688	.14740	.14714	1324.54800	1341.06000
.800	-4.451	-.50325	-.50446	-.50290	-.50368	.14451	.14396	.14441	.14419	1327.42000	1341.03000
.800	-3.942	-.44876	-.44968	-.44819	-.44894	.14390	.14339	.14379	.14359	1329.76801	1341.10001
.800	-3.439	-.39271	-.39378	-.39216	-.39297	.14289	.14233	.14267	.14250	1331.85600	1341.02000
.800	-2.925	-.33619	-.33706	-.33538	-.33622	.14237	.14175	.14215	.14195	1333.84801	1340.86000
.800	-2.415	-.27953	-.28073	-.27898	-.27985	.13905	.13950	.13989	.13969	1335.36600	1340.94000
.800	-1.900	-.22357	-.22478	-.22322	-.22400	.13835	.13899	.13931	.13915	1336.68201	1341.20000
.800	-1.383	-.16807	-.16790	-.16622	-.16706	.13818	.13822	.13842	.13832	1337.63901	1340.89999
.800	-.857	-.11258	-.11235	-.11069	-.11152	.13448	.13497	.13528	.13512	1338.34100	1340.89000
.800	-.339	-.05662	-.05634	-.05466	-.05550	.12850	.12867	.12893	.12880	1338.91800	1341.02000
.800	.151	-.00549	-.00489	-.00486	-.00486	.12307	.12310	.12324	.12317	1339.31799	1341.13000
.799	.636	.04569	.04400	.04560	.04480	.11864	.11884	.11898	.11891	1339.58299	1340.95000
.800	1.136	.09765	.09593	.09757	.09675	.11202	.11214	.11234	.11224	1339.67000	1340.94000
	GRADIENT	.10794	.10806	.10800	.10803	-.00517	-.00507	-.00512	-.00509	2.39548	-.01053

IA310 (AEDC 16TF-783) PROBE CALIBRATION (UCM051) ( 04 OCT 91 )

## PARAMETRIC DATA

BETA = 1.000 PHI = 180.000

RUN NO. 1501/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DPACAL	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
.900	-6.972	-8.1083	-8.1283	-8.1073	-8.1178	.14925	.14949	.15017	.14983	1244.17900	1274.89999
.900	-6.451	-7.5261	-7.5504	-7.5300	-7.5402	.15120	.15073	.15133	.15103	1247.96100	1274.07001
.900	-5.951	-6.9322	-6.9595	-6.9390	-6.9492	.14970	.14920	.14976	.14948	1248.55600	1271.62000
.900	-5.448	-6.3551	-6.3826	-6.3626	-6.3726	.15027	.14975	.15049	.15012	1252.91901	1272.50999
.900	-4.948	-5.7956	-5.8187	-5.7975	-5.8081	.15043	.15033	.15099	.15066	1256.84500	1273.72000
.900	-4.442	-5.2401	-5.2650	-5.2446	-5.2548	.15073	.14991	.15058	.15024	1261.38901	1275.03999
.900	-3.937	-4.6553	-4.6761	-4.6557	-4.6659	.15071	.15015	.15054	.15034	1262.47400	1272.70000
.900	-3.426	-4.0710	-4.0895	-4.0699	-4.0797	.14743	.14743	.14806	.14635	1264.59000	1271.96001
.900	-2.918	-3.4907	-3.5053	-3.4870	-3.4962	.14678	.14606	.14664	.14552	1267.66701	1273.36000
.900	-2.406	-2.9108	-2.9258	-2.9059	-2.9158	.14517	.14527	.14578	.14537	1269.59700	1274.71001
.900	-1.893	-2.3222	-2.3370	-2.3165	-2.3268	.14548	.14514	.14561	.14378	1272.13600	1275.27000
.900	-1.371	-1.7491	-1.7512	-1.7333	-1.7433	.14355	.14361	.14395	.13967	1271.98801	1274.25999
.900	-.845	-1.1809	-1.1773	-1.1591	-1.1682	.13991	.13952	.13981	.13318	1271.62900	1273.20000
.900	-.325	-0.6010	-0.5944	-0.5782	-0.5863	.13323	.13312	.13324	.12731	1271.30701	1272.95000
.900	.165	-0.0739	-0.0643	-0.0639	-0.0641	.12729	.12713	.12750	.12221	1271.76300	1272.99001
.900	.650	.04635	.04517	.04685	.04601	.12203	.12205	.12237	.11602	1271.80701	1272.81000
.900	1.140	.09978	.09888	.10055	.09971	.11601	.11591	.11612	-.00536	2.41336	-.01800
.900		.11175	.11218	.11203	.11211	-.00541	-.00533	-.00540			

RUN NO. 1486/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DPACAL	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
1.100	-6.998	-8.2412	-8.2408	-8.3025	-8.2716	.13505	.13466	.13534	.13500	1174.47600	1204.69400
1.100	-6.483	-7.6527	-7.6569	-7.7163	-7.6866	.13828	.13707	.13786	.13747	1178.48399	1204.67500
1.100	-5.978	-7.0747	-7.0825	-7.1405	-7.1115	.13697	.13634	.13694	.13664	1182.22900	1204.59900
1.100	-5.476	-6.4916	-6.5008	-6.5561	-6.5285	.13821	.13705	.13773	.13739	1185.57700	1204.68900
1.100	-4.980	-5.9214	-5.9288	-5.9859	-5.9573	.13787	.13687	.13735	.13711	1188.39600	1204.63499
1.100	-4.480	-5.3495	-5.3543	-5.4154	-5.3848	.13794	.13680	.13743	.13712	1191.11600	1204.64400
1.100	-3.977	-4.7665	-4.7701	-4.8267	-4.7984	.13820	.13667	.13711	.13689	1193.55400	1204.45399
1.100	-3.470	-4.1816	-4.1820	-4.2390	-4.2105	.13756	.13638	.13687	.13663	1195.80499	1204.72701
1.100	-2.971	-3.5908	-3.5852	-3.6480	-3.6166	.13647	.13501	.13569	.13535	1197.73900	1204.75999
1.100	-2.467	-2.9926	-2.9991	-3.0547	-3.0269	.13606	.13462	.13521	.13492	1199.21700	1204.96500
1.100	-1.967	-2.4274	-2.4322	-2.4873	-2.4597	.13481	.13347	.13381	.13364	1200.30200	1204.75700
1.100	-1.466	-1.8637	-1.8674	-1.9209	-1.8941	.13449	.13320	.13345	.13408	1201.37601	1204.67900
1.100	-.954	-1.3102	-1.3018	-1.3575	-1.3296	.13499	.13422	.13474	.13448	1202.13499	1204.65300
1.100	-.467	-0.7696	-0.7648	-0.8182	-0.7915	.12997	.12898	.12931	.12915	1202.73000	1204.61099
1.100	.024	-0.2187	-0.2146	-0.2712	-0.2429	.13153	.13090	.13123	.13107	1203.22000	1204.83900
1.100	.526	.03440	.03296	.02756	.03026	.13269	.13199	.13235	.13217	1203.43201	1204.80701
1.100	1.034	.09092	.08932	.08376	.08654	.13285	.13214	.13241	.13228	1203.57600	1204.76100
1.100		.11361	.11356	.11364	.11360	-.00121	-.00110	-.00114	-.00112	2.44837	-.02481

(UCM051) ( 04 OCT 91 )

PARAMETRIC DATA

BETA = 1.000 PHI = 180.000

RUN NO. 1524/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DPACAL	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
1.250	-6.979	-89878	-90008	-89789	-89899	16122	16104	16182	16143	1151.99100	1182.57201
1.250	-6.462	-83481	-83528	-83291	-83409	16378	16372	16428	16400	1156.30099	1182.69099
1.250	-5.961	-77257	-77309	-77072	-77191	16009	16043	16083	16063	1160.43201	1182.66701
1.250	-5.457	-70658	-70764	-70513	-70639	16103	16082	16133	16108	1163.42101	1182.33600
1.250	-4.952	-63981	-64205	-63968	-64087	16102	16050	16118	16089	1165.30200	1182.03799
1.250	-4.456	-57759	-57987	-57863	-57963	16285	16270	16320	16295	1167.84399	1182.78700
1.250	-3.950	-51470	-51613	-51386	-51500	16242	16234	16352	16323	1171.08800	1183.07001
1.250	-3.440	-45051	-45162	-44921	-45041	16004	16040	16090	16065	1173.10699	1182.33600
1.250	-2.933	-38558	-38648	-38426	-38537	15812	15826	15874	15850	1174.32600	1182.08600
1.250	-2.428	-32154	-32336	-32121	-32228	15638	15660	15696	15678	1176.48599	1182.87199
1.250	-1.912	-26003	-26135	-25892	-26013	15555	15585	15624	15605	1178.43300	1183.07500
1.250	-1.403	-19856	-19852	-19644	-19748	15571	15594	15642	15618	1179.20599	1182.50900
1.250	-.885	-13604	-13512	-13302	-13407	15346	15347	15377	15362	1179.62199	1182.39799
1.250	-.369	-07342	-07240	-07026	-07133	14860	14896	14929	14912	1180.28101	1182.26300
1.250	.116	-01400	-01268	-01068	-01168	14312	14344	14369	14356	1180.68401	1182.34100
1.250	.605	.04675	.04636	.04835	.04735	13988	14028	14050	14039	1181.49300	1182.95900
1.250	1.105	.10787	.10762	.10966	.10864	13537	13597	13611	13604	1181.39301	1182.82100
1.250	GRADIENT	.12319	.12367	.12360	.12364	-.00422	-.00414	-.00421	-.00417	2.58180	.02848

RUN NO. 1540/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DPACAL	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
1.400	-6.981	-1.02953	-1.03284	-1.03063	-1.03173	19473	22121	19602	20861	1132.99400	1164.44901
1.400	-6.465	-95690	-95996	-95770	-95883	19077	21677	19159	20418	1136.55400	1163.99001
1.400	-5.962	-88599	-88692	-88493	-88592	18960	21535	19025	20280	1140.15800	1164.51500
1.400	-5.459	-81360	-81434	-81214	-81324	18962	21571	19042	20306	1143.52000	1164.07001
1.400	-4.960	-74304	-74442	-74222	-74332	18998	21617	19081	20349	1146.77800	1164.44901
1.400	-4.458	-67154	-67340	-67108	-67224	19047	21652	19126	20389	1149.83501	1164.25400
1.400	-3.954	-59830	-59990	-59747	-59869	19051	21672	19131	20401	1152.25301	1163.88699
1.400	-3.445	-52231	-52396	-52172	-52284	18957	21491	18954	20222	1154.39301	1163.96300
1.400	-2.939	-44595	-44763	-44537	-44650	18671	21162	18663	19913	1156.43201	1164.79201
1.400	-2.434	-37192	-37246	-37017	-37131	18146	20755	18196	19476	1157.57700	1164.37100
1.400	-1.925	-30052	-30200	-29974	-30087	18109	20665	18118	19391	1158.33600	1163.90401
1.400	-1.409	-23109	-23238	-23011	-23124	18205	20777	18237	19507	1159.39101	1163.96800
1.400	-.893	-16145	-16062	-15862	-15962	17988	20548	17998	19273	1161.50700	1164.57001
1.400	-.383	-08942	-08867	-08667	-08767	17410	19975	17431	18703	1162.28300	1164.12601
1.399	.104	-.02159	-.02036	-.01853	-.01945	16805	19365	16813	18089	1162.45100	1164.30200
1.400	.595	.04805	.04724	.04921	.04822	16408	19001	16419	17710	1163.24699	1164.51500
1.400	1.095	.11863	.11824	.12005	.11916	15985	18563	15991	17277	1162.32100	1163.86099
1.400	GRADIENT	.14201	.14239	.14230	.14234	-.00501	-.00505	-.00512	-.00508	2.57182	-.00989

(UCM051) ( 04 OCT 91 )

PARAMETRIC DATA

BETA = 1.000 PHI = 180.000

RUN NO. 1558/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DPACAL	DPA1	DPA2	DPA	DPCAL	DPB1	DPB2	DPB	PTTF	PT2F
1.450	-6.962	-1.09107	-1.09329	-1.09142	-1.09236	.21766	.21774	.21857	.21815	1125.92700	1158.64500
1.450	-6.444	-1.01246	-1.01560	-1.01370	-1.01465	.21988	.21986	.22070	.22028	1129.64600	1158.42400
1.450	-5.941	-93608	-93869	-93649	-93759	.21308	.21316	.21392	.21354	1132.61200	1158.15401
1.449	-5.435	-85988	-86168	-85982	-86075	.21133	.21151	.21230	.21191	1135.62500	1158.88901
1.449	-4.929	-78536	-78795	-78574	-78685	.21329	.21363	.21439	.21401	1138.52400	1157.95100
1.450	-4.430	-71248	-71546	-71275	-71411	.21603	.21617	.21696	.21656	1142.57899	1158.51900
1.451	-3.918	-63439	-63704	-63487	-63595	.21596	.21615	.21681	.21648	1145.19901	1158.05800
1.450	-3.408	-55521	-55774	-55566	-55670	.21548	.21571	.21650	.21610	1147.00301	1158.09200
1.448	-2.897	-47182	-47438	-47223	-47331	.21186	.21190	.21250	.21220	1149.15199	1158.98399
1.450	-2.380	-39350	-39447	-39251	-39349	.20689	.20724	.20774	.20749	1148.98399	1158.08600
1.450	-1.862	-31783	-31934	-31733	-31834	.20640	.20704	.20750	.20727	1150.97900	1158.64301
1.451	-1.337	-24279	-24418	-24211	-24314	.20673	.20707	.20761	.20734	1152.71600	1157.86600
1.450	-.806	-16502	-16554	-16368	-16461	.20459	.20499	.20556	.20528	1156.01801	1158.53000
1.450	-.276	-8649	-8568	-8397	-8482	.19451	.19514	.19561	.19537	1157.77800	1158.06100
1.450	.215	-01139	-01076	-00899	-00988	.18191	.18243	.18336	.18289	1158.95300	1158.57899
1.450	.693	.06169	.06097	.06264	.06180	.17194	.17271	.17306	.17289	1158.45000	1158.34700
1.450	1.173	.13422	.13405	.13554	.13479	.16185	.16230	.16262	.16246	1157.52299	1158.69099
GRADIENT		.15047	.15104	.15090	.15097	-.00793	-.00785	-.00790	-.00788	3.19849	.04697

RUN NO. 1643/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DPACAL	DPA1	DPA2	DPA	DPCAL	DPB1	DPB2	DPB	PTTF	PT2F
1.470	-6.969	-1.11718	-1.11355	-1.11246	-1.11301	.22004	.21944	.22025	.21984	1111.56799	1149.58067
1.470	-6.446	-1.03908	-1.03621	-1.03502	-1.03562	.22266	.22142	.22215	.22178	1115.16200	1148.93773
1.470	-5.944	-96458	-96221	-96117	-96169	.21936	.21857	.21930	.21894	1119.66100	1149.57219
1.471	-5.444	-88548	-88305	-88195	-88250	.21798	.21711	.21788	.21750	1123.71201	1148.99481
1.470	-4.938	-80403	-80157	-80009	-80083	.21659	.21572	.21648	.21610	1125.31400	1148.43817
1.484	-4.435	-72623	-72361	-72255	-72308	.21800	.21740	.21807	.21774	1127.66600	1167.35759
1.470	-3.928	-64655	-64467	-64338	-64403	.21744	.21694	.21747	.21720	1129.75800	1148.60939
1.470	-3.420	-56477	-56328	-56188	-56258	.21552	.21515	.21562	.21538	1132.07600	1148.94217
1.470	-2.905	-48354	-48068	-47933	-48000	.21450	.21391	.21433	.21412	1134.33701	1149.25298
1.470	-2.394	-40070	-39877	-39756	-39817	.21132	.21106	.21146	.21126	1133.59801	1148.76749
1.469	-1.873	-32490	-32388	-32256	-32322	.21252	.21205	.21250	.21228	1134.30000	1148.99287
1.470	-1.354	-24761	-24752	-24576	-24652	.21273	.21230	.21267	.21248	1134.88400	1148.56030
1.470	-.822	-16842	-16758	-16606	-16679	.20995	.20976	.21026	.21001	1136.55400	1149.16786
1.469	-.299	-8563	-8606	-8453	-8529	.20157	.20092	.20134	.20113	1136.37199	1149.04256
1.471	.194	-01075	-00977	-00842	-00909	.19009	.18979	.18844	.18820	1137.10100	1149.30350
1.470	.675	.06307	.06230	.06389	.06309	.17789	.17531	.17545	.17538	1136.82300	1148.78999
1.470	1.158	.13702	.13635	.13780	.13707	.16614	.16408	.16419	.16414	1137.19800	1149.52481
GRADIENT		.15407	.15353	.15357	.15355	-.00708	-.00733	-.00740	-.00737	1.77276	-.89848

IA310 (AEDC 16TF-783) PROBE CALIBRATION (UCM051) ( 04 OCT 91 )

## PARAMETRIC DATA

BETA = 1.000 PHI = 180.000

MACH	ALPHA	DPACAL	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
1.493	-6.971	-1.18052	-1.17768	-1.17636	-1.17702	.23818	.23815	.23886	.23851	1106.48900	1144.34659
1.493	-6.453	-1.09756	-1.09553	-1.09425	-1.09489	.23816	.23822	.23888	.23855	1108.70599	1144.49062
1.493	-5.951	-1.02755	-1.02574	-1.02424	-1.02499	.23723	.23656	.23707	.23682	1111.77299	1144.52402
1.493	-5.446	-95066	-94811	-94671	-94741	.24078	.24043	.24037	.24071	1114.96500	1144.39859
1.493	-4.946	-87250	-86962	-86841	-86901	.23992	.23988	.24037	.24012	1117.41701	1144.33759
1.493	-4.444	-79055	-78893	-78743	-78818	.24167	.24114	.24159	.24136	1119.93700	1144.67177
1.493	-3.931	-70676	-70535	-70378	-70457	.24086	.24069	.24121	.24095	1122.24500	1144.77327
1.492	-3.419	-61887	-61821	-61643	-61732	.24280	.24253	.24289	.24271	1124.12601	1144.78015
1.493	-2.915	-53631	-53365	-53243	-53304	.24032	.24005	.24056	.24031	1125.24400	1144.67665
1.492	-2.400	-45489	-45209	-45049	-45129	.23674	.23674	.23696	.23686	1125.25800	1144.57185
1.493	-1.881	-37055	-36814	-36635	-36725	.23680	.23654	.23696	.23675	1125.16701	1144.39095
1.493	-1.364	-28354	-28321	-28153	-28237	.23491	.23455	.23507	.23481	1124.36099	1144.24869
1.492	-.833	-19423	-19406	-19229	-19317	.23170	.23152	.23169	.23160	1123.22200	1143.81926
1.493	-.310	-10277	-10287	-10117	-10202	.22414	.22416	.22430	.22423	1122.67101	1143.76245
1.492	.179	-01702	-01649	-01470	-01559	.21130	.21161	.21174	.21168	1122.48300	1143.15646
1.492	.661	.06849	.06720	.06893	.06806	.19884	.19851	.19852	.19851	1122.01300	1143.01437
1.493	1.147	.15304	.15135	.15321	.15228	.18795	.18764	.18777	.18770	1121.91200	1142.78990
	GRADIENT	.16777	.16718	.16725	.16721	-.00770	-.00768	-.00775	-.00772	.31183	-.31277

RUN NO. 1593/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

RUN NO. 1609/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DPACAL	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
1.516	-6.970	-1.33668	-1.33127	-1.33004	-1.33066	.26633	.26516	.26602	.26559	1109.71100	1134.04962
1.516	-6.453	-1.24882	-1.24288	-1.24218	-1.24253	.26744	.26664	.26750	.26707	1113.45000	1135.60667
1.516	-5.951	-1.16972	-1.16490	-1.16370	-1.16430	.26541	.26427	.26511	.26469	1118.26401	1136.60063
1.516	-5.447	-1.07022	-1.06704	-1.06472	-1.06588	.26746	.26606	.26690	.26648	1120.06500	1135.53868
1.515	-4.941	-.97117	-.96811	-.96661	-.96736	.26694	.26613	.26679	.26646	1120.36700	1134.90897
1.516	-4.439	-.88957	-.88512	-.88406	-.88459	.27250	.27114	.27170	.27142	1121.24001	1135.89218
1.516	-3.931	-.81037	-.80596	-.80434	-.80515	.27254	.27249	.27298	.27273	1123.12199	1136.21594
1.515	-3.424	-.71295	-.71011	-.70795	-.70903	.26883	.26907	.26966	.26936	1125.79900	1136.96872
1.515	-2.910	-.60960	-.60718	-.60545	-.60632	.26333	.26345	.26402	.26373	1127.94901	1137.24089
1.516	-2.401	-.50416	-.50057	-.49892	-.49974	.25737	.25601	.25661	.25631	1129.67300	1137.16661
1.516	-1.882	-.40241	-.39938	-.39786	-.39862	.25615	.25492	.25559	.25526	1130.68100	1137.43135
1.516	-1.361	-.29764	-.29666	-.29492	-.29579	.25419	.25322	.25370	.25346	1132.14900	1137.90741
1.516	-.834	-.19109	-.19106	-.18919	-.19013	.24545	.24461	.24504	.24486	1131.93700	1138.07486
1.516	-.309	-.08305	-.08295	-.08117	-.08206	.22950	.22872	.22906	.22889	1131.72200	1138.43991
1.516	.180	.01554	.01398	.01592	.01495	.20684	.20613	.20657	.20635	1132.05800	1138.75220
1.516	.663	.10610	.10446	.10611	.10529	.18899	.18817	.18825	.18821	1132.46500	1138.82274
1.516	1.150	.19070	.19142	.19321	.19232	.17459	.17336	.17373	.17355	1133.30099	1138.80432
	GRADIENT	.19550	.19460	.19465	.19462	-.01492	-.01499	-.01506	-.01503	2.12635	-.59129

(UCM051) ( 04 OCT 91 )

PARAMETRIC DATA

BETA = 1.000 PHI = 180.000

RUN NO. 1624/ O RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DPACAL	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
1.541	-6.969	-1.25336	-1.24781	-1.24683	-1.24732	.26259	.26045	.26143	.26094	1118.46001	1133.83168
1.541	-6.453	-1.12815	-1.12374	-1.12211	-1.12392	.24738	.24582	.24676	.24629	1120.10699	1134.01616
1.542	-5.950	-1.01746	-1.01450	-1.01277	-1.01364	.24198	.24056	.24140	.24098	1120.65401	1133.70331
1.542	-5.446	-.90854	-.90638	-.90464	-.90551	.23669	.23535	.23614	.23574	1120.52000	1133.99709
1.541	-4.946	-.80373	-.80096	-.79901	-.79998	.22985	.22845	.22919	.22882	1120.32201	1133.80899
1.541	-4.438	-.70176	-.69932	-.69737	-.69835	.22264	.22169	.22251	.22210	1120.55701	1133.74974
1.541	-3.931	-.60164	-.59864	-.59676	-.59770	.21415	.21287	.21362	.21324	1121.56500	1134.33943
1.541	-3.425	-.50655	-.50413	-.50223	-.50318	.20104	.20006	.20080	.20043	1122.89799	1134.39203
1.541	-2.915	-.41256	-.40983	-.40801	-.40892	.18196	.18134	.18209	.18171	1123.95399	1134.45778
1.541	-2.401	-.32821	-.32681	-.32508	-.32595	.16629	.16503	.16572	.16538	1123.00301	1134.78690
1.542	-1.886	-.26055	-.25957	-.25762	-.25859	.16542	.16300	.16365	.16333	1122.66701	1134.69444
1.541	-1.364	-.18973	-.18916	-.18725	-.18820	.16069	.15940	.15984	.15962	1122.73399	1134.97133
1.541	-.837	-.12272	-.12044	-.11863	-.11953	.15395	.15268	.15314	.15291	1122.83800	1134.92827
1.541	-.309	-.05419	-.05249	-.05077	-.05163	.14519	.14422	.14461	.14442	1123.32300	1135.12239
1.542	.179	.00576	.00564	.00760	.00662	.13381	.13304	.13359	.13331	1123.39000	1135.43845
1.541	.660	.06464	.06418	.06607	.06512	.12454	.12453	.12474	.12463	1123.60500	1135.91893
1.541	1.149	.12298	.12205	.12391	.12298	.11536	.11490	.11539	.11515	1123.72900	1135.93518
1.541	GRADIENT	.14938	.14881	.14880	.14881	-.01856	-.01845	-.01852	-.01848	.44805	.33606

(UCMO52) ( 04 OCT 91 )

PARAMETRIC DATA

BETA = 1.500 PHI = 180.000

RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DPACAL	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
.599	-6.941	-64882	-64832	-64687	-64759	-17447	-17478	-17502	-17490	1569.32700	1596.99001
.600	-6.433	-60286	-60244	-60095	-60169	-17335	-17341	-17388	-17364	1572.95000	1596.72000
.600	-5.926	-55401	-55408	-55251	-55330	-17189	-17186	-17233	-17210	1576.52100	1596.84000
.600	-5.420	-50915	-50762	-50599	-50681	-17134	-17182	-17237	-17210	1579.63100	1597.06000
.600	-4.907	-46206	-46052	-45900	-45976	-16975	-17014	-17050	-17032	1582.32800	1597.14000
.600	-4.404	-41800	-41665	-41506	-41585	-16871	-16974	-17009	-16992	1584.99200	1597.03000
.600	-3.889	-37177	-37087	-36932	-37010	-16921	-17040	-17059	-17049	1586.76199	1597.06000
.601	-3.379	-32529	-32511	-32355	-32433	-16908	-17000	-17022	-17011	1589.06599	1596.82001
.600	-2.863	-27625	-27643	-27484	-27563	-16717	-16757	-16782	-16772	1590.64500	1596.97000
.601	-2.344	-22833	-22873	-22709	-22791	-16640	-16687	-16712	-16699	1592.14600	1596.97000
.600	-1.823	-17977	-18073	-17870	-17972	-16391	-16430	-16456	-16443	1593.60600	1597.35001
.600	-1.298	-13185	-13221	-13072	-13146	-16195	-16229	-16255	-16242	1594.00999	1596.77000
.601	-771	-08423	-08468	-08299	-08384	-15784	-15796	-15805	-15801	1594.83600	1596.98000
.601	-250	-03875	-03925	-03752	-03841	-15056	-15094	-15114	-15104	1595.35899	1597.03000
.600	-243	-00481	-00288	-00472	-00380	-14434	-14451	-14461	-14456	1595.72900	1597.19000
.600	.735	-04747	-04697	-04867	-04782	-13962	-14009	-14013	-14011	1595.81599	1597.08000
.601	1.213	-08866	-08817	-08961	-08889	-13548	-13585	-13581	-13583	1595.71500	1597.00000
GRADIENT		-09062	-09024	-09026	-09025	-00565	-00575	-00580	-00577	2.13465	.00214

RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DPACAL	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
.800	-6.959	-77907	-78021	-77884	-77953	-20196	-20241	-20304	-20272	1309.87100	1341.28000
.800	-6.448	-72271	-72360	-72225	-72293	-20193	-20245	-20291	-20268	1313.97501	1341.24001
.800	-5.946	-66695	-66830	-66670	-66750	-20119	-20201	-20232	-20217	1317.73300	1341.00999
.800	-5.437	-61158	-61283	-61147	-61215	-20078	-20164	-20226	-20195	1321.08800	1341.08000
.800	-4.933	-55588	-55706	-55568	-55637	-20075	-20159	-20204	-20182	1324.18500	1341.11000
.800	-4.430	-50155	-50238	-50110	-50174	-19852	-19949	-19991	-19970	1327.06100	1341.02000
.800	-3.921	-44683	-44787	-44627	-44707	-19788	-19881	-19912	-19896	1329.31700	1340.95000
.800	-3.413	-39198	-39217	-39047	-39132	-19710	-19746	-19776	-19761	1331.76601	1341.07001
.800	-2.904	-33444	-33542	-33403	-33473	-19468	-19558	-19588	-19573	1333.48500	1340.89999
.800	-2.388	-27761	-27848	-27699	-27773	-19375	-19452	-19483	-19468	1335.03999	1340.87000
.800	-1.878	-22142	-22255	-22100	-22177	-19189	-19282	-19304	-19293	1336.39600	1340.92000
.800	-1.353	-16574	-16525	-16359	-16442	-18929	-19028	-19054	-19041	1337.23599	1340.96001
.800	-.837	-11060	-10989	-10836	-10913	-18672	-18745	-18761	-18753	1338.23000	1341.05000
.800	-.326	-05571	-05521	-05355	-05438	-18169	-18197	-18214	-18206	1338.83099	1341.11000
.800	.164	-00379	-00322	-00329	-00329	-17669	-17706	-17719	-17713	1339.07600	1340.92000
.800	.663	-05036	-04857	-05021	-04939	-17348	-17382	-17348	-17394	1339.44200	1341.10001
.800	1.151	-10160	-09976	-10156	-10066	-17079	-17121	-17137	-17129	1339.39500	1341.00999
GRADIENT		-10832	-10838	-10835	-10836	-00492	-00501	-00505	-00503	2.42970	.00209





(UCM052) ( 04 OCT 91 )

PARAMETRIC DATA

BETA = 1.500 PHI = 180.000

RUN NO. 1525/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DPACAL	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
1.250	-6.965	-89739	-89884	-89663	-89773	.22658	.22750	.22811	.22781	1151.84700	1182.95000
1.250	-6.447	-83406	-83464	-83243	-83353	.22618	.22686	.22745	.22715	1155.76700	1182.56000
1.250	-5.947	-77107	-77167	-76933	-77050	.22539	.22631	.22678	.22654	1159.29300	1181.96201
1.250	-5.444	-70442	-70624	-70376	-70500	.22598	.22695	.22732	.22713	1162.68600	1181.85100
1.250	-4.945	-63842	-64091	-63857	-63974	.22284	.22437	.22445	.22421	1165.67500	1182.87000
1.250	-4.439	-57644	-57880	-57636	-57758	.22320	.22397	.22449	.22430	1170.17500	1182.24400
1.250	-3.929	-51223	-51387	-51159	-51273	.22315	.22373	.22417	.22395	1172.39200	1182.33200
1.250	-3.424	-44912	-45019	-44769	-44894	.22015	.22118	.22159	.22139	1174.49800	1182.56500
1.250	-2.913	-38431	-38547	-38319	-38433	.22015	.22118	.22159	.22136	1176.07600	1182.43300
1.250	-2.406	-31928	-32127	-31907	-32017	.21559	.21657	.21696	.21676	1177.64500	1182.64999
1.250	-1.892	-25814	-25850	-25615	-25732	.21453	.21566	.21588	.21577	1178.56100	1182.60001
1.250	-1.379	-19624	-19650	-19440	-19545	.21154	.21266	.21286	.21276	1179.08900	1182.23399
1.250	-.865	-13416	-13433	-13150	-13247	.20871	.20985	.21019	.21002	1180.26401	1182.74699
1.250	-.357	-07173	-07170	-06861	-06966	.20586	.20665	.20690	.20677	1180.55600	1182.64301
1.250	.132	-01217	-01079	-00884	-00981	.20275	.20380	.20410	.20395	1180.69099	1182.66901
1.250	.632	.04926	.04926	.05139	.05033	.20031	.20130	.20164	.20147	1180.91200	1182.77499
1.250	1.123	.10980	.10938	.11121	.11030	-.00403	-.00402	-.00406	-.00404	2.51314	.01300
1.250	GRADIENT	.12319	.12371	.12363	.12367	-.00403	-.00402	-.00406	-.00404	2.51314	.01300

RUN NO. 1541/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DPACAL	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
1.399	-6.974	-102674	-103017	-102804	-102911	.27049	.29558	.27059	.28308	1132.35300	1164.23399
1.400	-6.450	-95441	-95784	-95529	-95656	.26655	.29244	.26723	.27984	1136.10100	1164.31500
1.400	-5.950	-88409	-88513	-88273	-88393	.26473	.29096	.26570	.27833	1140.25600	1164.55600
1.400	-5.448	-81088	-81209	-80991	-81100	.26293	.28913	.26374	.27643	1143.00101	1164.10500
1.400	-4.948	-73898	-74064	-73837	-73950	.26227	.28860	.26331	.27595	1145.79800	1163.89900
1.400	-4.438	-66908	-67110	-66867	-66988	.26237	.28829	.26303	.27566	1149.74200	1164.52299
1.400	-3.932	-59693	-59859	-59621	-59740	.26117	.28736	.26208	.27472	1151.85800	1164.00700
1.401	-3.429	-52131	-52286	-52059	-52173	.25912	.28624	.26092	.27358	1154.15601	1164.36900
1.400	-2.924	-44501	-44666	-44454	-44560	.25655	.28358	.25824	.27091	1156.43900	1164.27499
1.400	-2.409	-36873	-36963	-36732	-36847	.25455	.28053	.25512	.26783	1157.06700	1164.11700
1.400	-1.901	-29705	-29864	-29633	-29748	.25196	.27808	.25264	.26536	1158.20300	1164.20000
1.400	-1.394	-22734	-22906	-22690	-22798	.24892	.27530	.24982	.26256	1158.90900	1163.90199
1.400	-.878	-15757	-15708	-15476	-15592	.24448	.27441	.24879	.26160	1160.28600	1164.35100
1.400	-.371	-08703	-08623	-08429	-08526	.24448	.27057	.24498	.25777	1161.51900	1164.28500
1.400	.116	-01853	-01769	-01568	-01669	.24055	.26668	.24114	.25391	1161.79100	1164.38200
1.400	.618	.05228	.05162	.05358	.05267	.23827	.26467	.23905	.25186	1162.24100	1164.38100
1.400	1.114	.12112	.12077	.12258	.12167	.23437	.26067	.23507	.24787	1161.46899	1164.03101
1.400	GRADIENT	.14220	.14258	.14250	.14254	-.00476	-.00476	-.00483	-.00480	2.47555	.01381

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(UCM052) ( 04 OCT 91 )

PARAMETRIC DATA

BETA = 1.500 PHI = 180.000

RUN NO. 1559/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DPACAL	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
1.450	-6.946	-1.08737	-1.08949	-1.08755	-1.08852	.29658	.29644	.29695	.29670	1125.53500	1158.60300
1.450	-6.426	-1.01155	-1.01459	-1.01267	-1.01363	.29382	.29532	.29622	.29577	1129.44099	1158.46899
1.450	-5.924	-1.93333	-1.93574	-1.93362	-1.93468	.29366	.29496	.29568	.29532	1132.64301	1158.68100
1.450	-5.415	-1.85564	-1.85731	-1.85518	-1.85624	.28712	.28856	.28930	.28893	1135.09900	1158.35001
1.450	-4.912	-1.78077	-1.78264	-1.78062	-1.78163	.28902	.28860	.28941	.28901	1137.70500	1158.32600
1.450	-4.399	-1.70682	-1.70996	-1.70768	-1.70882	.29152	.29147	.29221	.29184	1141.92799	1158.58099
1.450	-3.889	-1.63207	-1.63458	-1.63245	-1.63352	.29134	.29123	.29195	.29159	1144.68201	1158.11200
1.450	-3.380	-1.55047	-1.55386	-1.55161	-1.55274	.29093	.29123	.29191	.29157	1147.13400	1158.33299
1.449	-2.864	-1.46907	-1.47147	-1.46934	-1.47040	.28828	.28882	.28950	.28916	1148.94800	1158.89600
1.450	-2.351	-1.38696	-1.38960	-1.38763	-1.38861	.28306	.28299	.28373	.28336	1148.96201	1158.18500
1.450	-1.828	-1.31282	-1.31429	-1.31227	-1.31328	.27924	.28299	.28373	.28336	1148.96201	1158.18500
1.450	-1.305	-1.23524	-1.23686	-1.23485	-1.23593	.27605	.27605	.27644	.27625	1151.29900	1158.06500
1.449	-1.778	-1.16033	-1.15961	-1.15781	-1.15871	.27431	.27391	.27420	.27406	1153.53000	1158.65700
1.450	-1.261	-1.08328	-1.08240	-1.08068	-1.08154	.26836	.26790	.26845	.26817	1155.02100	1158.43500
1.450	-1.740	-1.00858	-1.00788	-1.00721	-1.00755	.26035	.26010	.26061	.26035	1156.22000	1158.16901
1.450	-1.200	-1.3718	-1.3680	-1.3840	-1.3760	.25264	.25243	.25290	.25267	1155.75999	1158.30099
1.450	GRADIENT	.15040	.15099	.15084	.15092	-.00738	-.00738	-.00745	-.00742	2.73077	.00903

RUN NO. 1644/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DPACAL	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
1.470	-6.949	-1.11224	-1.10849	-1.10749	-1.10799	.30408	.30226	.30289	.30258	1111.47000	1149.46440
1.471	-6.430	-1.03475	-1.03176	-1.03064	-1.03120	.30251	.30036	.30104	.30070	1114.42599	1149.1835
1.471	-5.929	-1.96153	-1.95914	-1.95792	-1.95853	.30111	.29919	.29986	.29952	1119.21700	1149.16745
1.470	-5.425	-1.88199	-1.87995	-1.87883	-1.87939	.29724	.29625	.29697	.29661	1122.57600	1149.00098
1.470	-4.917	-1.80142	-1.79904	-1.79745	-1.79824	.29508	.29404	.29471	.29437	1125.51900	1149.45924
1.470	-4.411	-1.72267	-1.72027	-1.71916	-1.71971	.29405	.29298	.29372	.29335	1127.45700	1149.15134
1.470	-3.902	-1.64150	-1.63975	-1.63854	-1.63914	.29264	.29172	.29230	.29201	1129.10300	1148.83264
1.470	-3.393	-1.56133	-1.55968	-1.55837	-1.55900	.29329	.29185	.29242	.29214	1132.13600	1149.65221
1.471	-2.874	-1.48007	-1.47707	-1.47561	-1.47634	.29010	.29046	.29105	.29075	1133.67101	1148.77017
1.470	-2.359	-1.39563	-1.39381	-1.39235	-1.39308	.28543	.28615	.28661	.28638	1134.31000	1148.79230
1.471	-1.842	-1.31785	-1.31686	-1.31545	-1.31616	.28256	.28334	.28398	.28366	1134.53101	1148.92673
1.470	-1.320	-1.24044	-1.24014	-1.23861	-1.23938	.28173	.28235	.28297	.28266	1134.88100	1148.70065
1.470	-1.798	-1.16213	-1.16144	-1.15995	-1.16069	.27854	.27925	.27972	.27949	1135.78799	1149.14334
1.470	-1.282	-1.08206	-1.08243	-1.08087	-1.08165	.27213	.27302	.27334	.27318	1136.58400	1149.49034
1.470	210	-1.00812	-1.00697	-1.00718	-1.00707	.26399	.26445	.26498	.26472	1136.59399	1148.86322
1.470	705	.06714	.06663	.06816	.06739	.25476	.25579	.25613	.25596	1136.58400	1148.95872
1.470	1.187	.13900	.13816	.13970	.13893	.24672	.24810	.24831	.24820	1137.16800	1149.29585
1.471	GRADIENT	.15405	.15353	.15350	.15351	-.00740	-.00699	-.00706	-.00702	1.75811	-.01786

## IA310 (AEDC 16TF-783) PROBE CALIBRATION

(UCMO52) ( 04 OCT 91 )

## PARAMETRIC DATA

BETA = 1.500 PHI = 180.000

MACH	ALPHA	DPACAL	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
1.493	-6.952	-1.17488	-1.17310	-1.17083	-1.17146	.32088	.32034	.32090	.32062	1103.49200	1141.47041
1.493	-6.438	-1.09193	-1.08881	-1.08750	-1.08816	.31849	.31800	.31849	.31824	1105.27299	1140.80652
1.493	-5.932	-1.01650	-1.01457	-1.01307	-1.01382	.32197	.32127	.32189	.32158	1107.57100	1142.42761
1.493	-5.429	-0.94812	-0.94574	-0.94430	-0.94502	.32314	.32246	.32293	.32269	1114.86099	1145.35143
1.493	-4.921	-0.86593	-0.86299	-0.86160	-0.86229	.32281	.32215	.32277	.32246	1117.98199	1145.25415
1.493	-4.416	-0.78286	-0.78104	-0.77959	-0.78032	.32417	.32341	.32370	.32356	1119.70799	1144.36111
1.493	-3.907	-0.69900	-0.69797	-0.69631	-0.69714	.32420	.32332	.32383	.32358	1121.45500	1144.12042
1.493	-3.399	-0.61360	-0.61293	-0.61120	-0.61206	.32267	.32239	.32277	.32258	1122.75600	1143.55109
1.493	-2.886	-0.52988	-0.52714	-0.52542	-0.52628	.32229	.32204	.32224	.32214	1123.89799	1143.29376
1.493	-2.367	-0.44563	-0.44347	-0.44174	-0.44261	.31934	.31899	.31933	.31916	1124.12300	1142.87546
1.493	-1.856	-0.36174	-0.35935	-0.35770	-0.35853	.31619	.31581	.31616	.31598	1123.91100	1142.20064
1.493	-1.331	-0.27536	-0.27505	-0.27311	-0.27408	.31622	.31481	.31521	.31501	1123.48801	1142.04974
1.493	-0.811	-0.18886	-0.18872	-0.18682	-0.18777	.31060	.30975	.30989	.30982	1122.52400	1141.46611
1.492	-0.298	-0.09872	-0.09908	-0.09730	-0.09819	.29588	.29470	.29492	.29481	1121.26100	1141.21686
1.492	0.194	-0.01506	-0.01441	-0.01267	-0.01354	.28608	.28608	.28631	.28620	1122.42300	1142.72704
1.493	0.691	0.07117	0.06998	0.07179	0.07089	.27886	.27868	.27888	.27878	1123.70399	1142.79143
1.493	1.173	0.15502	0.15314	0.15502	0.15408	.00690	.00693	.00698	.00696	.43434	.49801
1.493	1.6697	0.16637	0.16637	0.16644	0.16640	.00690	.00693	.00698	.00696	.43434	.49801

MACH	ALPHA	DPACAL	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
1.516	-6.957	-1.33610	-1.33071	-1.32940	-1.33005	.36610	.36315	.36331	.36323	1109.49899	1134.55972
1.516	-6.438	-1.25458	-1.24884	-1.24820	-1.24852	.36186	.35930	.35963	.35947	1115.35500	1136.69345
1.516	-5.933	-1.16455	-1.15997	-1.15858	-1.15927	.36290	.36105	.36105	.36105	1118.27800	1138.67978
1.516	-5.429	-1.06819	-1.06486	-1.06263	-1.06374	.36286	.36114	.36097	.36105	1121.67101	1137.43130
1.516	-4.921	-0.96564	-0.96261	-0.96121	-0.96191	.36113	.36063	.36049	.36056	1120.88499	1135.20601
1.516	-4.415	-0.87730	-0.87272	-0.87127	-0.87200	.36392	.36301	.36282	.36292	1120.33701	1136.26514
1.517	-3.908	-0.80194	-0.79768	-0.79595	-0.79682	.36871	.36728	.36771	.36749	1124.03200	1138.30371
1.517	-3.400	-0.70990	-0.70727	-0.70560	-0.70643	.36402	.36335	.36306	.36320	1125.62100	1137.16130
1.516	-2.882	-0.60554	-0.60314	-0.60152	-0.60233	.35611	.35510	.35578	.35544	1126.94200	1136.61122
1.516	-2.372	-0.50022	-0.49676	-0.49514	-0.49595	.34742	.34670	.34729	.34700	1128.19800	1136.26695
1.516	-1.852	-0.39580	-0.39241	-0.39064	-0.39153	.34167	.34107	.34173	.34140	1128.76900	1135.92216
1.516	-1.332	-0.29211	-0.29115	-0.28941	-0.29028	.33871	.33868	.33912	.33890	1129.16200	1135.96307
1.516	-0.811	-0.18721	-0.18743	-0.18558	-0.18651	.33352	.33221	.33270	.33246	1129.77699	1136.04431
1.516	-0.296	-0.08283	-0.08308	-0.08107	-0.08207	.31997	.31895	.31926	.31910	1129.80099	1135.85442
1.516	0.195	0.01209	0.01063	0.01263	0.01163	.30393	.30279	.30324	.30301	1130.20399	1136.36618
1.516	0.689	0.10562	0.10457	0.10641	0.10549	.29263	.29161	.29191	.29176	1130.94299	1137.16350
1.516	1.173	0.19219	0.19254	0.19447	0.19351	.28398	.28299	.28346	.28323	1131.61501	1137.56352
1.516	1.6697	0.19405	0.19315	0.19324	0.19320	.01358	.01362	.01353	.01357	1.73532	.05728

PARAMETRIC DATA

MACH	ALPHA	DPACAL	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
1.542	-6.952	-1.26429	-1.25893	-1.25765	-1.25829	.35523	.35272	.35362	.35317	1119.35201	1136.13585
1.542	-6.433	-1.13474	-1.13024	-1.12873	-1.12948	.34261	.34014	.34098	.34056	1121.12300	1135.99971
1.542	-5.932	-1.01918	-1.01581	-1.01412	-1.01496	.33557	.33309	.33408	.33359	1121.89500	1135.84599
1.542	-5.429	-91062	-90817	-90657	-90737	.32721	.32505	.32570	.32537	1122.08701	1136.05469
1.542	-4.926	-80651	-80404	-80225	-80314	.31572	.31428	.31513	.31471	1121.98599	1136.12256
1.542	-4.416	-70579	-70297	-70107	-70202	.30682	.30544	.30627	.30586	1122.16800	1135.93457
1.542	-3.906	-60885	-60591	-60409	-60500	.29487	.29369	.29456	.29412	1122.77200	1135.49728
1.541	-3.400	-51456	-51204	-51002	-51103	.27888	.27746	.27812	.27779	1123.70300	1135.88388
1.542	-2.882	-42306	-42063	-41895	-41979	.25802	.25691	.25749	.25720	1124.91200	1136.06223
1.542	-2.367	-33184	-32994	-32807	-32901	.23642	.23559	.23630	.23594	1124.70100	1135.54283
1.541	-1.853	-25820	-25755	-25548	-25652	.22736	.22666	.22712	.22689	1123.50101	1135.12875
1.541	-1.332	-18956	-18898	-18701	-18800	.22296	.22215	.22288	.22252	1122.97701	1134.42162
1.541	-.811	-11958	-11750	-11553	-11652	.21508	.21426	.21480	.21453	1122.73199	1134.14439
1.541	-.296	-.05506	-.05332	-.05143	-.05238	.20610	.20556	.20612	.20584	1122.38600	1133.53610
1.541	.195	.00787	.00807	.01013	.00910	.19850	.19805	.19841	.19823	1121.83900	1132.90842
1.541	.690	.06847	.06860	.07079	.06969	.19062	.18996	.19064	.19030	1121.53999	1132.83469
1.541	1.172	.12833	.12737	.12942	.12839	.18494	.18395	.18476	.18435	1121.26100	1132.46611
1.541	GRADIENT	.15138	.15085	.15089	.15087	-.02226	-.02213	-.02216	-.02214	-.22760	-.64262

RUN NO. 1625/ O RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00 BETA = 1.500 PHI = 180.000

(UCMO53) ( 04 OCT 91 )

PARAMETRIC DATA

BETA = 2.000 PHI = 180.000

RUN NO. 1579/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DPACAL	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
.600	-6.923	-64781	-64714	-64571	-64642	-21904	-21992	.22036	.22014	1568.69701	1596.98000
.599	-6.410	-60072	-60030	-59885	-59958	-21815	-21888	.21926	.21907	1572.34399	1596.95000
.599	-5.903	-55324	-55275	-55131	-55203	-21921	-22010	.22042	.22026	1575.69000	1596.82001
.599	-5.396	-50683	-50537	-50381	-50459	-21818	-21906	.21947	.21927	1578.84700	1597.03999
.600	-4.888	-45979	-45845	-45705	-45775	-21800	-21886	.21915	.21901	1581.71201	1596.89999
.600	-4.378	-41349	-41283	-41123	-41203	-21668	-21753	.21788	.21771	1584.31900	1597.00999
.600	-3.864	-36860	-36792	-36623	-36707	-21521	-21614	.21661	.21638	1586.47900	1597.32001
.600	-3.356	-32169	-32183	-32021	-32102	-21512	-21619	.21648	.21633	1588.33600	1597.03000
.600	-2.837	-27525	-27555	-27390	-27473	-21344	-21442	.21463	.21452	1590.04900	1596.39000
.600	-2.315	-22778	-22816	-22656	-22736	-21054	-21152	.21189	.21171	1591.59300	1596.99001
.600	-1.797	-17842	-17933	-17702	-17817	-20788	-20889	.20914	.20902	1592.69800	1597.23000
.600	-1.273	-13076	-13100	-12942	-13021	-20482	-20589	.20601	.20595	1593.91701	1597.32001
.600	-.756	-8434	-8459	-8303	-8381	-20083	-20196	.20203	.20199	1594.19600	1596.69000
.600	-.239	-03839	-03839	-03716	-03800	-19555	-19665	.19699	.19682	1594.93500	1597.63000
.600	.251	.00349	.00302	.00478	.00390	.19036	.19162	.19161	.19161	1595.29100	1596.89000
.600	.753	.04912	.04839	.05010	.04925	.18694	.18804	.18825	.18814	1595.23399	1597.28999
.600	1.235	.09214	.09146	.09314	.09230	.18345	.18408	.18476	.18442	1595.64700	1596.64999
.600	GRADIENT	.09038	.09012	.09015	.09014	-.00583	-.00581	-.00582	-.00581	2.18613	.01034

RUN NO. 1470/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DPACAL	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
.800	-6.946	-77806	-77781	-77662	-77722	-26116	-26168	.26222	.26195	1309.26401	1341.10001
.800	-6.433	-72254	-72218	-72084	-72151	-25756	-25748	.25805	.25776	1313.14301	1341.25999
.800	-5.930	-66608	-66727	-66565	-66646	-25584	-25613	.25649	.25631	1316.87399	1340.95000
.800	-5.424	-61012	-61160	-61029	-61095	-25448	-25536	.25568	.25552	1320.29300	1341.16000
.800	-4.919	-55352	-55488	-55328	-55408	-25461	-25525	.25561	.25543	1323.47000	1340.99001
.800	-4.411	-49900	-49991	-49839	-49915	-25469	-25496	.25529	.25512	1326.21800	1340.75999
.800	-3.907	-44464	-44529	-44392	-44460	-25342	-25383	.25417	.25400	1328.82001	1341.13000
.800	-3.391	-38846	-38906	-38746	-38826	-25221	-25297	.25318	.25307	1331.02299	1340.85001
.800	-2.882	-33236	-33374	-33224	-33299	-24991	-25065	.25098	.25082	1333.00800	1341.06000
.800	-2.369	-27662	-27730	-27571	-27650	-24769	-24838	.24870	.24854	1334.54900	1341.13000
.800	-1.855	-22111	-22108	-21944	-22026	-24623	-24541	.24566	.24554	1335.88901	1341.03999
.800	-1.340	-16468	-16412	-16252	-16332	-24292	-24298	.24316	.24307	1337.04700	1341.08000
.800	-.826	-11057	-10963	-10819	-10891	-23936	-24007	.24023	.24015	1337.91701	1340.89999
.800	-.319	-05575	-05490	-05329	-05410	-23621	-23691	.23702	.23696	1338.51801	1341.03000
.800	.174	-00332	-00224	-00220	-00222	-23256	-23299	.23328	.23314	1338.94099	1340.97000
.800	.677	.05049	.04956	.05120	.05038	.23059	.23037	.23048	.23042	1339.15900	1341.14000
.800	1.167	.10355	.10237	.10387	.10312	.22656	.22696	.22703	.22700	1339.22301	1340.86000
.800	GRADIENT	.10804	.10824	.10818	.10821	-.00487	-.00486	-.00490	-.00488	2.53460	.00705

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(UCM053) ( 04 OCT 91 )

PARAMETRIC DATA

BETA = 2.000 PHI = 180.000

RUN NO. 1503/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DPACAL	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
.899	-6.941	-80810	-81071	-80876	-80973	-26836	-26871	-26942	.26907	1243.55200	1275.08000
.900	-6.424	-74915	-75180	-74975	-75077	-26731	-26752	-26817	.26785	1246.08099	1273.71001
.900	-5.920	-69118	-69396	-69169	-69283	-26590	-26644	-26692	.26668	1248.72400	1272.49001
.900	-5.411	-63274	-63537	-63303	-63420	-26626	-26677	-26744	.26710	1251.69400	1272.25000
.900	-4.911	-57510	-57770	-57551	-57661	-26464	-26511	-26552	.26532	1255.22701	1272.61000
.900	-4.400	-51779	-51993	-51785	-51889	-26440	-26489	-26542	.26515	1258.40401	1272.78000
.900	-3.890	-46041	-46276	-46054	-46165	-26350	-26445	-26507	.26476	1261.01401	1272.92999
.900	-3.382	-40396	-40496	-40284	-40390	-26212	-26303	-26359	.26331	1263.32800	1273.17999
.900	-2.874	-34498	-34667	-34465	-34566	-26071	-26122	-26173	.26148	1265.44099	1273.23000
.900	-2.354	-28698	-28856	-28660	-28758	-25741	-25762	-25807	.25785	1267.05299	1273.30000
.900	-1.843	-22859	-23023	-22825	-22924	-25464	-25479	-25529	.25504	1268.38300	1273.14999
.900	-1.326	-17084	-17079	-16876	-16978	-25191	-25221	-25269	.25245	1269.32300	1272.99001
.900	-.811	-11419	-11397	-11203	-11300	-24807	-24849	-24892	.24871	1270.02499	1272.97000
.900	-.303	-05752	-05713	-05547	-05630	-24418	-24450	-24496	.24473	1270.50900	1273.03999
.900	.189	-00357	-00350	-00343	-00347	-24014	-24078	-24097	.24088	1271.04900	1273.39000
.900	.691	.05207	.05089	.05264	.05177	-23736	-23796	-23834	.23815	1271.53999	1273.30000
.900	1.181	.10675	.10575	.10733	.10654	-23406	-23444	-23481	.23463	1271.71700	1273.42000
	GRADIENT	.11201	.11238	.11221	.11229	-.00536	-.00539	-.00542	-.00541	2.56727	.08658

RUN NO. 1510/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DPACAL	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
1.099	-6.983	-82330	-82561	-82335	-82448	-25905	-25802	-25842	.25822	1173.41100	1204.69000
1.100	-6.469	-76571	-76821	-76599	-76710	-25751	-25740	-25758	.25749	1177.16299	1204.73199
1.100	-5.966	-70751	-71056	-70839	-70947	-25690	-25660	-25704	.25682	1181.02299	1204.54900
1.100	-5.464	-65064	-65298	-65069	-65184	-25385	-25420	-25437	.25428	1184.37199	1204.85400
1.100	-4.962	-59185	-59425	-59203	-59314	-25373	-25367	-25389	.25378	1187.51500	1204.53799
1.100	-4.465	-53465	-53606	-53457	-53531	-25386	-25386	-25411	.25399	1190.37000	1204.81100
1.100	-3.960	-47665	-47846	-47641	-47744	-25389	-25373	-25387	.25380	1192.73100	1204.89200
1.100	-3.455	-41903	-41990	-41774	-41882	-25279	-25333	-25353	.25343	1195.01500	1204.80099
1.100	-2.954	-35917	-35991	-35840	-35916	-25130	-25172	-25191	.25182	1196.92999	1204.54300
1.100	-2.451	-30048	-30206	-30010	-30108	-24990	-24980	-24997	.24989	1198.55600	1204.43300
1.100	-1.947	-24290	-24426	-24220	-24323	-24836	-24843	-24860	.24851	1199.87500	1204.83200
1.100	-1.446	-18515	-18618	-18428	-18523	-24636	-24653	-24668	.24660	1200.95000	1204.61301
1.100	-.940	-12962	-12936	-12747	-12843	-24513	-24536	-24539	.24537	1201.85300	1204.72900
1.100	-.445	-07364	-07336	-07144	-07240	-24388	-24421	-24433	.24438	1202.37100	1204.76000
1.100	.045	-01898	-01895	-01703	-01799	-24434	-24436	-24440	.24438	1202.83099	1204.55901
1.100	.556	.03885	.03760	.03925	.03843	-24492	-24525	-24534	.24529	1203.21100	1204.83299
1.100	1.060	.09617	.09525	.09688	.09606	-24402	-24430	-24440	.24435	1203.27800	1204.55099
	GRADIENT	.11429	.11455	.11451	.11453	-.00201	-.00197	-.00200	-.00199	2.55771	-.00759

(UCM053) ( 04 OCT 91 )

PARAMETRIC DATA

BETA = 2.000 PHI = 180.000

RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DPACAL	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
1.250	-6.957	-89538	-89641	-89460	-89550	-29226	-29264	-29329	-29297	1150.94400	1182.78500
1.250	-6.440	-83211	-83314	-83079	-83196	-29152	-29214	-29292	-29253	1154.85400	1182.61900
1.250	-5.934	-76940	-77010	-76766	-76888	-29206	-29238	-29314	-29276	1158.90401	1182.40500
1.250	-5.430	-70517	-70721	-70475	-70598	-28699	-28791	-28853	-28822	1162.16200	1182.14900
1.250	-4.925	-63743	-63997	-63739	-63868	-28692	-28796	-28842	-28819	1165.00700	1182.51801
1.250	-4.420	-57363	-57639	-57392	-57516	-28433	-28535	-28599	-28567	1167.16600	1182.40601
1.250	-3.916	-51140	-51278	-51031	-51154	-28562	-28599	-28648	-28624	1169.44000	1182.30200
1.250	-3.403	-44699	-44835	-44597	-44716	-28542	-28595	-28646	-28620	1171.50800	1182.42101
1.250	-2.896	-38264	-38374	-38152	-38263	-28338	-28396	-28450	-28423	1173.78200	1182.49100
1.250	-2.387	-31881	-32055	-31832	-31943	-27949	-28045	-28086	-28065	1175.41800	1182.36900
1.250	-1.874	-25676	-25709	-25491	-25600	-27649	-27726	-27767	-27747	1176.78500	1182.23700
1.250	-1.365	-19397	-19439	-19198	-19319	-27433	-27534	-27545	-27540	1178.10500	1182.82500
1.250	-.853	-13229	-13167	-12953	-13060	-27167	-27258	-27272	-27265	1179.18900	1182.85500
1.250	-.349	-07107	-06991	-06784	-06887	-26932	-27033	-27061	-27047	1179.32700	1182.10800
1.250	.139	-01108	-00971	-00785	-00878	-26756	-26756	-26794	-26775	1179.81799	1182.40500
1.250	.644	.04996	.05019	.05219	.05119	-26464	-26575	-26598	-26586	1179.80800	1182.42000
1.250	1.138	.11263	.11225	.11415	.11320	-26187	-26308	-26333	-26320	1180.70500	1182.90900
1.250	GRADIENT	.12337	.12393	.12382	.12387	-.00436	-.00429	-.00435	-.00432	2.56136	.03326

RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DPACAL	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
1.400	-6.961	-1.02532	-1.02783	-1.02571	-1.02677	.34530	.34431	.34503	.34467	1131.10500	1164.07700
1.400	-6.443	-.95541	-.95804	-.95597	-.95700	.34226	.34130	.34178	.34154	1135.75999	1164.63600
1.400	-5.938	-.88222	-.88467	-.88247	-.88357	.33909	.33856	.33934	.33895	1138.94701	1164.14500
1.400	-5.435	-.81003	-.81117	-.80904	-.81010	.33521	.33518	.33583	.33551	1142.11099	1164.18500
1.400	-4.931	-.73805	-.73915	-.73717	-.73816	.33395	.33430	.33473	.33451	1145.65800	1164.39900
1.400	-4.431	-.66760	-.66877	-.66648	-.66763	.33349	.33390	.33439	.33414	1148.40900	1164.07300
1.400	-3.920	-.59530	-.59659	-.59441	-.59550	.33310	.33408	.33456	.33432	1151.26401	1164.42101
1.400	-3.416	-.52114	-.52190	-.51975	-.52083	.33359	.33458	.33516	.33487	1153.98500	1164.43100
1.400	-2.903	-.44519	-.44578	-.44373	-.44475	.32908	.33023	.33075	.33049	1155.49200	1163.78799
1.400	-2.397	-.37036	-.37066	-.36869	-.36967	.32504	.32599	.32637	.32618	1156.73500	1164.22900
1.400	-1.890	-.29729	-.29846	-.29648	-.29747	.32102	.32183	.32217	.32200	1158.14200	1164.39000
1.400	-1.377	-.22531	-.22610	-.22424	-.22517	.31709	.31817	.31851	.31834	1158.46800	1164.05901
1.400	-.867	-.15562	-.15554	-.15365	-.15459	.31438	.31531	.31563	.31547	1159.62000	1164.47600
1.400	-.364	-.08487	-.08381	-.08199	-.08290	.31150	.31293	.31309	.31273	1160.14799	1164.08200
1.400	.127	-.01620	-.01547	-.01377	-.01462	.30882	.30979	.31009	.30994	1160.31599	1163.99001
1.400	.630	.05370	.05318	.05495	.05407	.30653	.30782	.30817	.30800	1160.89600	1164.75700
1.400	1.128	.12358	.12341	.12501	.12421	.30332	.30469	.30477	.30473	1160.87300	1164.04500
1.400	GRADIENT	.14253	.14279	.14270	.14274	-.00564	-.00553	-.00558	-.00555	2.37384	-.00295

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(UCM053) ( 04 OCT 91 )

PARAMETRIC DATA

BETA = 2.000 PHI = 180.000

RUN NO. 1560/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DPACAL	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
1.450	-6.926	-1.08314	-1.08528	-1.08336	-1.08432	.37147	.37160	.37256	.37208	1124.66800	1157.97000
1.450	-6.412	-1.00787	-1.01131	-1.00923	-1.01027	.37243	.37257	.37355	.37306	1128.83400	1158.58299
1.450	-5.899	-93270	-93511	-93294	-93402	.36740	.36778	.36851	.36814	1131.62601	1158.05200
1.450	-5.393	-85411	-85582	-85381	-85481	.36434	.36572	.36573	.36572	1134.67900	1158.65401
1.449	-4.889	-77795	-77981	-77763	-77872	.36127	.36276	.36258	.36267	1137.45700	1158.73500
1.449	-4.381	-70382	-70681	-70458	-70569	.36371	.36543	.36541	.36542	1140.48000	1157.67799
1.450	-3.867	-62984	-63226	-63005	-63116	.36831	.36740	.36812	.36776	1144.13200	1158.57800
1.450	-3.354	-54837	-55167	-54949	-55058	.36657	.36641	.36622	.36631	1146.35899	1158.38100
1.450	-2.838	-46764	-47019	-46810	-46915	.36420	.36362	.36340	.36351	1147.93800	1158.57201
1.450	-2.321	-38735	-38958	-38748	-38853	.35897	.35843	.35881	.35862	1149.58299	1158.39600
1.450	-1.801	-30924	-31078	-30859	-30965	.35212	.35144	.35196	.35170	1149.73801	1158.20399
1.450	-1.283	-23197	-23328	-23137	-23233	.34819	.34760	.34824	.34792	1151.00700	1158.82201
1.449	-.763	-15673	-15611	-15414	-15513	.34322	.34258	.34322	.34290	1151.72701	1158.12801
1.451	-.252	-08141	-08069	-07867	-07968	.33851	.33785	.33826	.33806	1152.64301	1158.42000
1.450	.240	-00807	-00709	-00674	-00691	.33193	.33134	.33193	.33163	1153.20399	1158.28900
1.449	.738	.06645	.06729	.06729	.06652	.32652	.32572	.32631	.32602	1153.30499	1158.81700
1.450	1.223	.13857	.13981	.13981	.13902	.31994	.31958	.31958	.31977	1153.36200	1158.43700
	GRADIENT	.15041	.15098	.15082	.15090	-.00768	-.00794	-.00783	-.00789	2.40433	-.02572

RUN NO. 1645/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DPACAL	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
1.470	-6.935	-1.10861	-1.10518	-1.10388	-1.10453	.38118	.37771	.37880	.37826	1110.83200	1149.56627
1.470	-6.417	-1.03162	-1.02925	-1.02817	-1.02871	.38145	.37813	.37908	.37861	1113.86900	1148.53436
1.470	-5.911	-95742	-95503	-95386	-95445	.38053	.37709	.37796	.37753	1118.35699	1149.36375
1.471	-5.403	-87990	-87798	-87691	-87744	.37932	.37616	.37693	.37655	1122.23000	1148.84988
1.470	-4.897	-79927	-79670	-79531	-79601	.37377	.37077	.37167	.37122	1124.62500	1148.62871
1.484	-4.389	-72013	-71745	-71621	-71683	.37175	.36929	.37008	.36968	1126.45300	1166.57428
1.485	-3.881	-63902	-63737	-63587	-63662	.37083	.37013	.37094	.37054	1128.60300	1166.84029
1.484	-3.365	-55792	-55662	-55522	-55592	.36980	.36883	.36956	.36919	1130.76199	1166.92859
1.484	-2.855	-47684	-47394	-47254	-47324	.36832	.36750	.36810	.36780	1133.32899	1167.53951
1.470	-2.336	-39527	-39341	-39192	-39261	.36199	.36240	.36209	.36224	1134.84100	1148.89999
1.484	-1.821	-31373	-31310	-31169	-31240	.35501	.35532	.35580	.35556	1134.62900	1167.21565
1.471	-1.304	-23530	-23537	-23337	-23420	.35255	.35298	.35345	.35321	1134.71001	1148.64755
1.470	-.785	-15798	-15798	-15655	-15726	.34898	.34940	.34989	.34965	1135.97301	1149.02832
1.469	-.274	-08036	-08076	-07929	-08003	.34302	.34332	.34371	.34352	1136.08701	1148.97960
1.470	.219	-00699	-00572	-00586	-00579	.33656	.33691	.33736	.33714	1136.08701	1148.38876
1.470	.719	.06781	.06735	.06889	.06812	.33086	.33123	.33182	.33153	1136.73599	1149.40207
1.470	1.206	.14145	.14029	.14182	.14105	.32316	.32403	.32430	.32417	1136.82600	1149.08327
	GRADIENT	.15421	.15367	.15363	.15365	-.00831	-.00780	-.00787	-.00783	1.88885	-2.67377



(UCM053) ( 04 OCT 91 )

## PARAMETRIC DATA

BETA = 2.000 PHI = 180.000

RUN NO. 1595/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DPACAL	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
1.493	-6.939	-1.17121	-1.16882	-1.16759	-1.16820	.40459	.40284	.40360	.40322	1104.81300	1143.28940
1.493	-6.426	-1.08981	-1.08796	-1.08652	-1.08724	.40210	.40179	.40179	.40141	1107.80299	1143.09132
1.493	-5.914	-1.01500	-1.01332	-1.01188	-1.01260	.40263	.40154	.40220	.40187	1110.23199	1143.65099
1.493	-5.410	-.94151	-.93941	-.93791	-.93866	.40392	.40306	.40362	.40334	1113.60201	1143.11507
1.493	-4.904	-.86112	-.85858	-.85694	-.85776	.40404	.40295	.40371	.40333	1116.12100	1143.30212
1.493	-4.395	-.77798	-.77665	-.77498	-.77582	.40657	.40552	.40601	.40576	1118.22800	1142.90750
1.493	-3.887	-.69320	-.69233	-.69073	-.69153	.40609	.40560	.40599	.40580	1119.97800	1142.74168
1.493	-3.373	-.60763	-.60727	-.60560	-.60643	.40604	.40518	.40560	.40539	1121.61099	1142.81451
1.493	-2.863	-.52347	-.52106	-.51931	-.52019	.40375	.40295	.40349	.40322	1122.90100	1142.69765
1.493	-2.350	-.43861	-.43635	-.43460	-.43548	.40049	.39933	.39991	.39962	1124.42300	1144.26031
1.493	-1.832	-.35460	-.35347	-.35159	-.35245	.39970	.39729	.39754	.39742	1125.85699	1144.56660
1.493	-1.314	-.26756	-.26753	-.26576	-.26664	.39694	.39431	.39477	.39454	1126.00101	1144.53885
1.493	-.797	-.18225	-.18323	-.18071	-.18197	.39149	.38907	.38944	.38926	1125.67900	1144.00462
1.493	-.289	-.09602	-.09632	-.09470	-.09551	.38778	.38520	.38552	.38536	1125.15500	1143.99414
1.493	.202	-.01122	-.01193	-.00994	-.01094	.37964	.37751	.37781	.37766	1124.97701	1143.30759
1.493	.705	.07450	.07294	.07498	.07396	.37201	.36967	.36982	.36974	1124.89700	1142.79517
1.493	1.192	.15809	.15621	.15825	.15723	.36627	.36480	.36411	.36446	1124.89999	1142.21631
1.493	GRADIENT	.16686	.16623	.16631	.16627	-.00632	-.00659	-.00672	-.00665	1.33660	.01955

RUN NO. 1611/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DPACAL	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
1.516	-6.939	-1.34064	-1.33520	-1.33380	-1.33450	.45945	.45576	.45653	.45614	1112.24400	1138.96152
1.516	-6.422	-1.25319	-1.24762	-1.24702	-1.24732	.45513	.45149	.45241	.45195	1116.69901	1139.85904
1.516	-5.914	-1.17016	-1.16512	-1.16385	-1.16448	.45639	.45390	.45470	.45430	1120.14900	1139.23615
1.516	-5.410	-1.06720	-1.06392	-1.06147	-1.06270	.45666	.45427	.45481	.45454	1122.07401	1138.68361
1.516	-4.897	-.96401	-.96104	-.95959	-.96031	.45144	.44890	.44955	.44923	1122.70200	1137.89668
1.516	-4.396	-.86939	-.86467	-.86320	-.86393	.45371	.45145	.45209	.45177	1122.07401	1137.33173
1.516	-3.887	-.79128	-.78720	-.78564	-.78642	.45949	.45779	.45849	.45814	1122.53400	1136.78522
1.516	-3.378	-.70024	-.69751	-.69584	-.69667	.46178	.46033	.46114	.46074	1123.88800	1136.99443
1.516	-2.863	-.60254	-.59999	-.59811	-.59905	.45394	.45264	.45308	.45286	1126.17300	1136.84196
1.516	-2.346	-.49973	-.49613	-.49462	-.49538	.44322	.44159	.44229	.44194	1127.88600	1137.06773
1.517	-1.834	-.39431	-.39127	-.38942	-.39035	.43402	.43261	.43331	.43296	1129.46800	1137.47092
1.516	-1.314	-.28960	-.28857	-.28667	-.28762	.42480	.42435	.42480	.42457	1130.40900	1138.07527
1.517	-.799	-.18870	-.18898	-.18708	-.18803	.42389	.42225	.42277	.42251	1131.54100	1138.84618
1.516	-.288	-.08888	-.08838	-.08683	-.08761	.41253	.41104	.41165	.41135	1132.91499	1139.89465
1.516	.203	.00890	.00766	.00953	.00859	.40351	.40227	.40378	.40252	1132.70399	1137.92807
1.517	.704	.09828	.09779	.09946	.09862	.39226	.39130	.39177	.39154	1131.01401	1137.34760
1.516	1.195	.18690	.18674	.18870	.18772	.38486	.38363	.38404	.38384	1130.97000	1137.98546
1.516	GRADIENT	.19190	.19103	.19108	.19106	-.01244	-.01228	-.01232	-.01230	1.89301	.20530

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(UCM053) ( 04 OCT 91 )

PARAMETRIC DATA

BETA = 2.000 PHI = 180.000

RUN NO. 1626/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DPACAL	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
1.542	-6.938	-1.27308	-1.26759	-1.26626	-1.26692	.44785	.44422	.44537	.44479	1116.81000	1132.39720
1.541	-6.426	-1.14252	-1.13818	-1.13674	-1.13746	.43586	.43206	.43313	.43260	1120.15601	1134.31050
1.540	-5.921	-1.02601	-1.02262	-1.02095	-1.02178	.42644	.42260	.42363	.42312	1122.88699	1136.04398
1.541	-5.410	-.91011	-.90798	-.90625	-.90711	.41569	.41212	.41299	.41256	1122.74699	1135.01656
1.542	-4.902	-.80671	-.80428	-.80240	-.80334	.40217	.39855	.39966	.39910	1120.67400	1133.62076
1.542	-4.395	-.70740	-.70461	-.70282	-.70371	.38971	.38629	.38712	.38670	1119.36301	1132.80460
1.542	-3.887	-.60969	-.60714	-.60530	-.60622	.37412	.37128	.37223	.37176	1119.78999	1133.00763
1.542	-3.373	-.52150	-.51814	-.51630	-.51722	.36019	.35859	.35898	.35879	1121.08099	1133.88837
1.542	-2.863	-.43139	-.42931	-.42743	-.42837	.33933	.33764	.33843	.33804	1122.96201	1134.66380
1.542	-2.350	-.34141	-.34022	-.33826	-.33924	.31831	.31607	.31674	.31641	1124.38600	1135.65118
1.542	-1.828	-.25773	-.25705	-.25499	-.25602	.29559	.29437	.29490	.29464	1124.58800	1136.44592
1.542	-1.314	-.18661	-.18583	-.18400	-.18492	.28505	.28520	.28594	.28557	1124.45399	1137.60130
1.542	-.796	-.12024	-.11882	-.11696	-.11789	.27951	.27945	.28000	.27973	1125.11900	1137.96783
1.542	-.288	-.05449	-.05282	-.05096	-.05189	.27293	.27194	.27220	.27207	1124.96500	1137.34123
1.542	.204	.00787	.00777	.00989	.00883	.26531	.26460	.26509	.26485	1123.99001	1136.20438
1.542	.705	.07314	.07254	.07470	.07362	.25896	.25835	.25885	.25860	1123.61099	1135.86479
1.542	1.194	.13494	.13405	.13603	.13504	.25229	.25161	.25208	.25185	1123.62500	1135.50780
1.542	GRADIENT	.15297	.15238	.15242	.15240	-.02590	-.02539	-.02548	-.02543	.77619	.63176

(UCM054) ( 04 OCT 91 )

PARAMETRIC DATA

BETA = 2.500 PHI = 180.000

RUN NO. 1580/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DPACAL	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
.600	-6.906	-.64667	-.64622	-.64549	-.64545	-.26548	-.26619	-.26666	-.26643	1567.55299	1596.58000
.599	-6.393	-.59824	-.59661	-.59743	-.59743	-.26626	-.26699	-.26729	-.26714	1571.52299	1596.73000
.599	-5.888	-.55352	-.55157	-.55231	-.55231	-.26514	-.26619	-.26651	-.26635	1574.78101	1596.64999
.600	-5.376	-.50657	-.50480	-.50332	-.50406	-.26409	-.26505	-.26542	-.26523	1578.07899	1597.22000
.599	-4.867	-.45770	-.45657	-.45500	-.45578	-.26472	-.26558	-.26593	-.26575	1580.65601	1596.39999
.600	-4.359	-.41198	-.41112	-.40955	-.41033	-.26471	-.26454	-.26503	-.26478	1583.30600	1597.11000
.600	-3.844	-.36556	-.36501	-.36332	-.36417	-.26375	-.26381	-.26404	-.26392	1585.59000	1596.89999
.600	-3.328	-.31938	-.31944	-.31784	-.31864	-.26186	-.26193	-.26212	-.26202	1587.75000	1597.02000
.600	-2.814	-.27246	-.27238	-.27080	-.27160	-.25883	-.26010	-.26018	-.26014	1589.62700	1597.30000
.600	-2.295	-.22472	-.22483	-.22329	-.22406	-.25617	-.25724	-.25736	-.25730	1590.84599	1596.70000
.600	-1.781	-.17681	-.17631	-.17488	-.17560	-.25333	-.25444	-.25477	-.25461	1592.16901	1596.92000
.601	-1.259	-.12941	-.12976	-.12818	-.12897	-.24990	-.25090	-.25111	-.25101	1593.28799	1596.92999
.600	-.743	-.08245	-.08289	-.08143	-.08216	-.24538	-.24646	-.24663	-.24655	1593.87801	1597.34000
.600	-.235	-.03785	-.03807	-.03650	-.03728	-.24151	-.24239	-.24250	-.24245	1594.51700	1596.86000
.600	.258	.00553	.00481	.00641	.00561	.23745	.23815	.23838	.23827	1594.52699	1596.75000
.600	.760	.04965	.04879	.05066	.04972	.23398	.23486	.23500	.23493	1595.20900	1597.28000
.600	1.250	.09240	.09179	.09350	.09264	.23077	.23192	.23201	.23196	1595.05099	1596.75000
.600	GRADIENT	.09031	.09003	.09005	.09004	-.00597	-.00585	-.00588	-.00586	2.28922	.02360

RUN NO. 1471/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DPACAL	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
.800	-6.935	-.77695	-.77667	-.77549	-.77608	-.31402	-.31421	-.31461	-.31441	1308.13499	1341.24001
.800	-6.421	-.72134	-.72164	-.72039	-.72101	-.31222	-.31224	-.31263	-.31244	1312.23000	1341.12000
.800	-5.912	-.66558	-.66655	-.66495	-.66575	-.31170	-.31247	-.31282	-.31264	1315.90100	1341.10001
.800	-5.407	-.60817	-.60990	-.60848	-.60919	-.31112	-.31180	-.31224	-.31202	1319.37700	1340.89000
.800	-4.902	-.55197	-.55357	-.55202	-.55280	-.31112	-.31196	-.31233	-.31214	1322.67500	1341.13000
.801	-4.395	-.49627	-.49679	-.49546	-.49613	-.30989	-.31070	-.31103	-.31087	1325.57001	1341.14000
.800	-3.886	-.44078	-.44142	-.43997	-.44069	-.30970	-.30973	-.31004	-.30988	1327.95500	1341.05000
.800	-3.379	-.38582	-.38652	-.38513	-.38583	-.30742	-.30749	-.30782	-.30766	1330.18800	1341.09000
.800	-2.896	-.33070	-.33230	-.33096	-.33163	-.30565	-.30592	-.30625	-.30609	1332.32401	1341.08000
.800	-2.354	-.27582	-.27572	-.27402	-.27487	-.30390	-.30336	-.30354	-.30345	1333.93300	1341.07001
.800	-1.841	-.21899	-.21918	-.21758	-.21838	-.30022	-.30071	-.30108	-.30090	1335.30600	1341.03000
.800	-1.332	-.16422	-.16350	-.16207	-.16279	-.29662	-.29697	-.29731	-.29714	1336.47800	1340.99001
.800	-.819	-.10925	-.10893	-.10746	-.10820	-.29322	-.29356	-.29386	-.29339	1337.44800	1341.05000
.800	-.312	-.05548	-.05466	-.05297	-.05382	-.28963	-.28999	-.29025	-.29012	1338.01601	1340.95000
.800	.177	-.00184	-.00077	-.00077	-.00077	-.28689	-.28732	-.28745	-.28738	1338.50600	1340.87000
.800	.686	.05177	.05107	.05271	.05189	-.28506	-.28535	-.28564	-.28549	1338.77100	1341.03000
.800	1.179	.10598	.10464	.10635	.10550	-.28196	-.28248	-.28247	-.28247	1338.84500	1341.03999
.800	GRADIENT	.10797	.10815	.10813	.10814	-.00514	-.00516	-.00520	-.00518	2.61231	-.02245

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(UCMO54) ( 04 OCT 91 )

PARAMETRIC DATA

MACH	ALPHA	DPACAL	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
.897	-6.924	-.80555	-.80798	-.80591	-.80694	.32686	.32608	.32680	.32644	1240.95500	1274.08000
.901	-6.413	-.75019	-.75248	-.75035	-.75141	.32560	.32614	.32680	.32647	1244.98300	1273.32001
.900	-5.901	-.69115	-.69365	-.69144	-.69254	.32277	.32336	.32385	.32361	1247.03799	1272.03000
.900	-5.397	-.63337	-.63535	-.63324	-.63430	.32264	.32298	.32347	.32322	1250.56200	1272.13000
.899	-4.892	-.57464	-.57672	-.57448	-.57560	.32204	.32303	.32340	.32321	1254.59801	1273.17000
.900	-4.384	-.51640	-.51852	-.51618	-.51735	.32188	.32285	.32340	.32313	1258.46700	1274.03000
.900	-3.879	-.45884	-.46050	-.45840	-.45945	.32148	.32256	.32295	.32276	1260.76100	1273.39999
.901	-3.364	-.40280	-.40314	-.40108	-.40211	.31947	.32046	.32079	.32063	1262.13499	1272.31000
.900	-2.856	-.34443	-.34544	-.34336	-.34440	.31637	.31744	.31782	.31763	1263.09500	1271.82001
.899	-2.344	-.28570	-.28672	-.28461	-.28566	.31437	.31467	.31494	.31480	1265.27499	1272.25999
.900	-1.830	-.22685	-.22783	-.22593	-.22688	.31120	.31176	.31220	.31198	1267.26300	1272.89000
.900	-1.314	-.17117	-.17051	-.16863	-.16957	.30754	.30840	.30867	.30853	1268.55000	1273.14999
.900	-.805	-.11389	-.11307	-.11118	-.11212	.30378	.30449	.30498	.30474	1269.37500	1272.86000
.900	-.296	-.05827	-.05737	-.05555	-.05646	.30014	.30084	.30119	.30102	1270.13400	1272.97000
.900	.193	-.00355	-.00203	-.00195	-.00199	.29675	.29748	.29781	.29765	1270.54700	1273.05000
.900	.699	.05238	.05182	.05362	.05272	.29406	.29490	.29518	.29504	1270.86501	1273.05000
.900	1.191	.10763	.10714	.10889	.10802	.29116	.29211	.29234	.29223	1271.00999	1273.02000
	GRADIENT	.11205	.11247	.11231	.11239	-.00555	-.00558	-.00560	-.00559	2.59051	-.02454

BETA = 2.500 PHI = 180.000

RUN NO. 1505/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DPACAL	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
1.099	-6.976	-.82313	-.82552	-.82341	-.82447	.31770	.31671	.31694	.31682	1172.46300	1204.79500
1.100	-6.465	-.76523	-.76780	-.76561	-.76670	.31611	.31509	.31558	.31534	1176.11501	1204.68900
1.100	-5.962	-.70790	-.71062	-.70845	-.70954	.31495	.31474	.31509	.31491	1179.95399	1204.74200
1.100	-5.457	-.65006	-.65250	-.65041	-.65146	.31384	.31368	.31401	.31384	1183.49100	1204.70599
1.100	-4.961	-.59039	-.59254	-.59047	-.59151	.31495	.31483	.31522	.31502	1186.80299	1204.51401
1.100	-4.461	-.53373	-.53494	-.53296	-.53395	.31241	.31257	.31280	.31269	1189.57001	1204.25800
1.100	-3.954	-.47502	-.47695	-.47482	-.47589	.31252	.31293	.31310	.31302	1191.88800	1204.61501
1.100	-3.449	-.41754	-.41880	-.41672	-.41776	.31218	.31262	.31274	.31268	1194.13499	1204.71300
1.100	-2.948	-.35928	-.36008	-.35847	-.35928	.31041	.31070	.31082	.31076	1196.12000	1204.70900
1.100	-2.443	-.30035	-.30156	-.29952	-.30054	.30886	.30913	.30923	.30918	1197.71899	1204.74400
1.100	-1.943	-.24157	-.24273	-.24078	-.24175	.30649	.30690	.30705	.30697	1199.32100	1204.54500
1.100	-1.441	-.18456	-.18558	-.18355	-.18457	.30509	.30484	.30507	.30496	1200.31900	1204.69000
1.100	-.939	-.12811	-.12811	-.12633	-.12722	.30332	.30195	.30212	.30203	1201.23500	1204.61900
1.100	-.442	-.07160	-.07099	-.06934	-.07016	.30160	.30135	.30158	.30147	1202.03101	1204.63400
1.100	.050	-.01636	-.01609	-.01431	-.01520	.30011	.30027	.30031	.30029	1202.51500	1204.86099
1.100	.562	.04003	.03896	.04058	.03977	.30137	.30150	.30147	.30149	1202.71700	1204.71600
1.100	1.063	.09710	.09606	.09786	.09696	.30074	.30089	.30087	.30088	1202.83099	1204.84500
	GRADIENT	.11437	.11464	.11458	.11461	-.00265	-.00269	-.00273	-.00271	2.63956	-.05244

RUN NO. 1511/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

(UCM054) ( 04 OCT 91 )

PARAMETRIC DATA

BETA = 2.500 PHI = 180.000

RUN NO. 1527/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DPACAL	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
1.250	-6.945	-89249	-89374	-89190	-89282	-35919	-35887	-35909	.35898	1149.42599	1182.55200
1.250	-6.431	-83241	-83146	-83015	-83128	-35498	-35549	-35608	.35578	1153.89301	1182.87000
1.250	-5.924	-76933	-77038	-76802	-76920	-35250	-35339	-35407	.35373	1157.91000	1182.55600
1.250	-5.417	-70530	-70729	-70479	-70604	-35135	-35220	-35283	.35251	1161.49400	1182.53000
1.249	-4.916	-63883	-64080	-63827	-63954	-34977	-35056	-35117	.35086	1164.32500	1182.36900
1.250	-4.408	-57255	-57514	-57272	-57393	-34800	-34890	-34962	.34926	1166.41701	1182.26700
1.250	-3.898	-50915	-51061	-50821	-50941	-34814	-34932	-34990	.34961	1168.51300	1182.51500
1.250	-3.391	-44505	-44684	-44448	-44566	-34781	-34908	-34955	.34932	1170.83099	1182.61301
1.250	-2.882	-38193	-38345	-38101	-38223	-34721	-34853	-34899	.34781	1173.04700	1182.55499
1.250	-2.372	-31856	-31965	-31731	-31848	-34325	-34378	-34419	.34398	1174.51500	1182.25400
1.250	-1.868	-25482	-25544	-25315	-25430	-33933	-34000	-34057	.34028	1176.06000	1182.89900
1.250	-1.356	-19288	-19312	-19106	-19209	-33628	-33677	-33729	.33703	1177.73900	1182.86700
1.250	-.848	-13046	-13046	-12777	-12891	-33266	-33339	-33378	.33359	1178.31000	1182.52901
1.250	-.343	-06942	-06842	-06636	-06739	-33027	-33083	-33120	.33101	1178.83701	1182.45700
1.250	.146	-00998	-00861	-00734	-00797	-32728	-32782	-32820	.32801	1178.98100	1182.27901
1.250	.654	.05239	.05246	.05431	.05338	-32600	-32683	-32717	.32700	1179.30701	1182.51700
1.250	1.149	.11555	.11456	.11634	.11545	-32328	-32420	-32439	.32429	1179.60001	1182.45500
1.250	GRADIENT	.12380	.12428	.12413	.12420	-.00479	-.00483	-.00489	-.00486	2.56224	.01009

RUN NO. 1544/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DPACAL	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
1.400	-6.953	-102416	-102687	-102484	-102585	-41553	-41359	-41428	.41394	1130.22000	1163.88400
1.400	-6.436	-95210	-95498	-95293	-95396	-41481	-41295	-41375	.41335	1134.06900	1164.09200
1.400	-5.929	-88066	-88364	-88172	-88268	-41226	-41056	-41105	.41081	1138.63699	1164.57500
1.400	-5.422	-80854	-80970	-80752	-80861	-40883	-40709	-40763	.40736	1141.20000	1163.92500
1.400	-4.918	-73612	-73729	-73522	-73625	-40497	-40472	-40543	.40508	1144.90500	1164.49899
1.400	-4.416	-66498	-66658	-66436	-66547	-40561	-40550	-40597	.40573	1147.42400	1163.91100
1.400	-3.911	-59173	-59285	-59105	-59195	-40754	-40731	-40784	.40758	1150.35001	1164.57001
1.400	-3.406	-51889	-51955	-51742	-51849	-40404	-40393	-40450	.40422	1152.88901	1164.10699
1.400	-2.893	-44409	-44499	-44295	-44397	-40230	-40216	-40282	.40249	1154.60201	1164.06200
1.400	-2.387	-37026	-37075	-36860	-36968	-39813	-39796	-39858	.39827	1156.57401	1164.33900
1.400	-1.880	-29587	-29736	-29532	-29634	-39388	-39387	-39444	.39416	1158.05200	1164.41600
1.400	-1.366	-22296	-22414	-22218	-22316	-38784	-38777	-38830	.38804	1158.34700	1164.03900
1.400	-.863	-15227	-15216	-15030	-15123	-38313	-38311	-38385	.38348	1158.83800	1163.84801
1.400	-.359	-08158	-08115	-07918	-08017	-38147	-38134	-38195	.38165	1159.91299	1164.62801
1.399	.132	-01237	-01237	-01060	-01148	-37722	-37732	-37777	.37755	1160.12801	1164.11000
1.400	.639	.05685	.05622	.05789	.05706	-37562	-37547	-37583	.37565	1160.00301	1163.86800
1.400	1.134	.12734	.12724	.12878	.12801	-37321	-37332	-37366	.37349	1160.81300	1164.78900
1.400	GRADIENT	.14296	.14320	.14313	.14316	-.00629	-.00625	-.00628	-.00626	2.48950	.00546

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(UCM054) ( 04 OCT 91 )

PARAMETRIC DATA

BETA = 2.500 PHI = 180.000

RUN NO. 1561/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DPACAL	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
1.450	-6.907	-1.07974	-1.08205	-1.08001	-1.08103	.45017	.45023	.45097	.45060	1124.12801	1158.29500
1.450	-6.392	-1.00430	-1.00727	-1.00547	-1.00637	.44968	.45001	.45082	.45041	1127.32001	1158.50600
1.450	-5.882	- .93151	- .93393	- .93185	- .93289	.44730	.44778	.44856	.44817	1131.41800	1158.75200
1.450	-5.371	- .85145	- .85354	- .85141	- .85248	.43969	.43997	.44091	.44044	1133.80299	1158.33501
1.450	-4.869	- .77247	- .77430	- .77209	- .77319	.44055	.44092	.44186	.44139	1136.38901	1158.22200
1.449	-4.360	- .69869	- .70143	- .69931	- .70037	.43994	.44026	.44121	.44074	1139.57100	1158.61900
1.450	-3.846	- .62445	- .62714	- .62483	- .62598	.44295	.44282	.44358	.44320	1142.73900	1158.22099
1.450	-3.331	- .54576	- .54928	- .54722	- .54825	.44240	.44216	.44298	.44257	1145.60699	1158.56000
1.450	-2.816	- .46615	- .46897	- .46679	- .46788	.43962	.43796	.43895	.43846	1147.43100	1158.24800
1.450	-2.304	- .38625	- .38868	- .38660	- .38764	.43547	.43372	.43460	.43416	1149.42599	1158.46300
1.450	-1.784	- .30728	- .30863	- .30664	- .30768	.42986	.42808	.42891	.42850	1150.10800	1158.45399
1.449	-1.267	- .23007	- .23148	- .22949	- .23048	.42121	.41955	.42032	.41993	1150.60201	1158.47400
1.451	- .755	- .15418	- .15356	- .15170	- .15263	.41581	.41409	.41484	.41447	1151.53200	1158.80299
1.450	- .246	- .07929	- .07860	- .07674	- .07767	.41065	.40908	.40970	.40939	1151.85800	1158.41000
1.450	.245	- .00595	- .00456	- .00457	- .00457	.40355	.40355	.40394	.40375	1151.95799	1158.24200
1.450	.749	.06898	.06828	.07019	.06923	.39913	.39913	.39979	.39946	1152.69800	1158.42700
1.450	1.238	.14240	.14208	.14365	.14287	.39522	.39374	.39423	.39398	1152.45300	1158.06400
GRADIENT		.15039	.15099	.15082	.15091	- .00838	- .00867	- .00875	- .00871	2.44698	- .01198

RUN NO. 1646/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DPACAL	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
1.470	-6.918	-1.10657	-1.10288	-1.10181	-1.10235	.45996	.45653	.45711	.45682	1110.17700	1149.71204
1.471	-6.398	-1.02930	-1.02690	-1.02597	-1.02643	.45966	.45631	.45692	.45661	1113.20100	1149.06517
1.470	-5.895	- .95331	- .95117	- .94981	- .95049	.46022	.45664	.45715	.45690	1116.89600	1149.13606
1.470	-5.385	- .87801	- .87606	- .87505	- .87556	.45681	.45359	.45407	.45383	1120.98399	1148.88098
1.470	-4.881	- .79707	- .79570	- .79459	- .79514	.45289	.45105	.45157	.45131	1124.55499	1148.91406
1.470	-4.369	- .71594	- .71411	- .71209	- .71310	.45031	.44866	.44918	.44892	1126.13400	1148.44560
1.471	-3.862	- .63526	- .63361	- .63236	- .63299	.44839	.44658	.44707	.44683	1127.73599	1148.22356
1.470	-3.347	- .55730	- .55507	- .55383	- .55445	.44691	.44599	.44660	.44629	1130.75000	1149.24030
1.470	-2.830	- .47717	- .47432	- .47282	- .47357	.44339	.44256	.44339	.44297	1132.65100	1148.85757
1.470	-2.320	- .39519	- .39291	- .39141	- .39216	.43858	.43774	.43843	.43809	1134.16600	1148.71584
1.484	-1.804	- .31315	- .31258	- .31113	- .31186	.43292	.43206	.43259	.43233	1135.25101	1167.22621
1.484	-1.291	- .23393	- .23393	- .23237	- .23315	.42501	.42450	.42516	.42483	1136.04700	1166.85396
1.484	- .777	- .15549	- .15546	- .15409	- .15478	.41898	.41851	.41938	.41875	1135.92300	1167.71371
1.470	- .267	- .07846	- .07875	- .07711	- .07793	.41336	.41285	.41366	.41311	1135.82201	1148.48999
1.484	.225	- .00419	- .00375	- .00398	- .00386	.40911	.40881	.40913	.40897	1136.05701	1167.42159
1.470	.728	.06929	.06875	.07025	.06950	.40446	.40397	.40433	.40415	1136.67500	1148.79808
1.484	1.219	.14235	.14145	.14303	.14224	.39836	.39793	.39836	.39815	1136.91000	1167.31413
GRADIENT		.15438	.15389	.15384	.15387	- .00944	- .00920	- .00923	- .00921	1.98359	2.61696

(UCM054) ( 04 OCT 91 )

## PARAMETRIC DATA

BETA = 2.500 PHI = 180.000

RUN NO. 1596/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DPACAL	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
1.492	-6.926	-1.16705	-1.16481	-1.16346	-1.16414	.48975	.48774	.48835	.48805	1105.38200	1144.54108
1.493	-6.404	-1.00981	-1.08740	-1.08592	-1.08666	.48650	.48436	.48503	.48470	1108.82800	1144.90733
1.493	-5.902	-1.00987	-1.00826	-1.00671	-1.00748	.48486	.48279	.48361	.48320	1111.31799	1145.50938
1.493	-5.392	-93722	-93493	-93332	-93413	.48882	.48728	.48790	.48759	1114.64000	1145.38208
1.493	-4.888	-85696	-85482	-85305	-85394	.48914	.48767	.48835	.48801	1117.52901	1145.35728
1.493	-4.378	-77448	-77296	-77137	-77217	.49208	.49004	.49059	.49032	1119.79401	1145.32823
1.493	-3.865	-69108	-68999	-68853	-68926	.49218	.49015	.49074	.49045	1121.97701	1145.73048
1.493	-3.357	-60536	-60499	-60323	-60411	.49003	.48840	.48895	.48868	1123.65700	1145.09753
1.493	-2.844	-52016	-51774	-51603	-51688	.48665	.48518	.48561	.48540	1125.29300	1145.47383
1.493	-2.331	-43380	-43185	-43007	-43096	.48571	.48345	.48398	.48371	1126.60300	1145.66405
1.493	-1.818	-34717	-34617	-34429	-34523	.47974	.47782	.47818	.47800	1125.74300	1142.96214
1.493	-1.301	-26181	-26221	-26203	-26122	.47642	.47421	.47471	.47446	1126.99600	1143.68871
1.493	-.789	-17560	-17642	-17443	-17543	.47064	.46862	.46896	.46879	1125.12900	1142.44374
1.493	-.283	-9129	-9177	-9017	-9097	.46620	.46409	.46446	.46427	1126.03600	1144.54247
1.493	.208	-00763	-00834	-00707	-00771	.46169	.45978	.46026	.46002	1127.67200	1144.93132
1.493	.716	.07663	.07519	.07713	.07616	.45533	.45370	.45369	.45369	1128.00800	1145.25507
1.493	1.208	.16015	.15927	.16101	.16014	.44866	.44742	.44750	.44746	1128.10800	1145.15971
GRADIENT		.16715	.16659	.16660	.16660	-.00713	-.00711	-.00719	-.00715	1.45223	-.15787

RUN NO. 1612/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DPACAL	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
1.517	-6.923	-1.33279	-1.32726	-1.32588	-1.32657	.55311	.55052	.55157	.55104	1110.78000	1138.89436
1.517	-6.409	-1.24999	-1.24415	-1.24359	-1.24387	.55141	.54868	.54999	.54934	1114.57600	1137.97870
1.516	-5.899	-1.16384	-1.15923	-1.15764	-1.15843	.55045	.54807	.54941	.54874	1116.98500	1137.17598
1.516	-5.391	-1.06086	-1.05755	-1.05594	-1.05675	.55100	.54842	.54971	.54907	1119.14500	1137.04761
1.516	-4.890	-96082	-95787	-95643	-95715	.54994	.54709	.54853	.54781	1121.55400	1137.59941
1.517	-4.378	-86739	-86257	-86121	-86189	.54840	.54517	.54668	.54592	1122.99899	1139.03682
1.517	-3.870	-78315	-77875	-77729	-77802	.55328	.55094	.55174	.55134	1124.28500	1139.90485
1.516	-3.357	-69506	-69216	-69063	-69139	.55804	.55591	.55661	.55626	1125.86400	1140.17281
1.517	-2.844	-59995	-59724	-59537	-59631	.55447	.55249	.55333	.55291	1126.81400	1138.79247
1.516	-2.331	-49919	-49549	-49371	-49460	.54531	.54294	.54415	.54355	1127.27499	1137.35115
1.516	-1.814	-39526	-39234	-39068	-39151	.53512	.53248	.53427	.53288	1127.73500	1136.53453
1.517	-1.300	-29326	-29204	-29018	-29111	.52208	.51944	.52015	.51980	1128.88699	1136.95930
1.516	-.788	-19171	-19198	-19007	-19102	.50972	.50728	.50785	.50757	1130.04300	1137.64180
1.517	-.282	-09603	-09554	-09380	-09467	.50412	.50167	.50208	.50187	1130.80200	1138.04865
1.516	.209	-00282	-00257	-00240	-00240	.49645	.49424	.49471	.49447	1131.50800	1138.68596
1.517	.714	.08920	.08885	.09060	.08972	.49131	.48913	.48951	.48932	1132.29401	1139.19214
1.517	1.209	.18168	.18080	.18293	.18187	.48599	.48449	.48493	.48471	1132.76401	1139.69131
GRADIENT		.18956	.18868	.18870	.18869	-.01262	-.01250	-.01266	-.01258	1.78532	-.00910

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(UCM054) ( 04 OCT 91 )

PARAMETRIC DATA

BETA = 2.500 PHI = 180.000

RUN NO. 1627/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DPACAL	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
1.541	-6.920	-1.28021	-1.27531	-1.27397	-1.27464	.54406	.54009	.54174	.54091	1118.03799	1134.95755
1.541	-6.406	-1.15561	-1.15059	-1.14888	-1.14974	.52907	.52530	.52640	.52585	1120.25500	1134.92682
1.541	-5.899	-1.03819	-1.03468	-1.03316	-1.03392	.51746	.51380	.51489	.51435	1122.11600	1135.52330
1.542	-5.391	-.92369	-.92136	-.91957	-.92046	.50477	.50089	.50180	.50134	1122.85201	1135.03972
1.541	-4.888	-.81653	-.81408	-.81237	-.81323	.49290	.48929	.49018	.48974	1122.96600	1135.89278
1.541	-4.377	-.71542	-.71243	-.71027	-.71135	.47992	.47611	.47687	.47649	1123.10001	1135.73238
1.541	-3.865	-.61852	-.61581	-.61400	-.61490	.46272	.45916	.45998	.45957	1122.86501	1135.66542
1.541	-3.358	-.52517	-.52203	-.52008	-.52106	.44344	.44059	.44154	.44106	1123.19099	1134.98044
1.541	-2.843	-.43915	-.43600	-.43403	-.43501	.42495	.42218	.42286	.42252	1122.91299	1133.77048
1.541	-2.329	-.35234	-.35104	-.34909	-.35007	.40265	.40010	.40103	.40057	1122.50000	1132.58453
1.541	-1.818	-.26519	-.26433	-.26234	-.26334	.37991	.37639	.37719	.37679	1123.31900	1133.59023
1.541	-1.301	-.18697	-.18712	-.18524	-.18618	.35735	.35623	.35679	.35651	1124.85400	1135.41272
1.541	-.790	-.11769	-.11735	-.11538	-.11636	.34318	.34310	.34371	.34341	1125.49300	1136.43065
1.541	-.282	-.05039	-.05019	-.04835	-.04927	.33534	.33537	.33587	.33562	1124.25000	1135.01299
1.541	.210	.01230	.01162	.01361	.01261	.32784	.32761	.32816	.32788	1123.02000	1134.12495
1.541	.713	.07496	.07412	.07619	.07516	.32365	.32352	.32392	.32372	1123.86000	1134.96182
1.541	1.205	.13960	.13871	.14079	.13975	.31685	.31625	.31664	.31644	1124.93900	1135.57388
	GRADIENT	.15592	.15518	.15521	.15519	-.03144	-.03073	-.03081	-.03077	.29145	-.04009



(UCM055) ( 04 OCT 91 )

PARAMETRIC DATA

BETA = 3.000 PHI = 180.000

RUN NO. 1581/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DPACAL	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
.600	-6.892	-64617	-64556	-64409	-64483	-31235	-31340	-31371	-31355	1566.69501	1597.28999
.599	-6.376	-59884	-59837	-59693	-59765	-31126	-31192	-31241	-31217	1570.02000	1597.14999
.600	-5.870	-55142	-55109	-54954	-55031	-31119	-31201	-31256	-31229	1573.50999	1597.48000
.600	-5.357	-50239	-50238	-50090	-50164	-31115	-31198	-31226	-31212	1576.86501	1596.99001
.599	-4.847	-45654	-45563	-45410	-45487	-31097	-31092	-31114	-31103	1579.77699	1597.37000
.600	-4.334	-40795	-40692	-40549	-40621	-31059	-31077	-31106	-31091	1582.11501	1596.84000
.600	-3.827	-36313	-36237	-36097	-36167	-30754	-30750	-30774	-30762	1584.92300	1597.31000
.600	-3.307	-31730	-31776	-31618	-31697	-30751	-30748	-30776	-30762	1586.46800	1597.13000
.600	-2.794	-27107	-27098	-26961	-27029	-30587	-30611	-30643	-30627	1588.33501	1596.80000
.600	-2.279	-22371	-22374	-22237	-22306	-30340	-30339	-30382	-30360	1589.95799	1596.84000
.600	-1.762	-17650	-17596	-17447	-17522	-29900	-29981	-29999	-29990	1591.35400	1597.53999
.600	-1.250	-13015	-13041	-12899	-12970	-29487	-29565	-29570	-29568	1592.16100	1596.67999
.600	-0.737	-08227	-08271	-08104	-08188	-29250	-29351	-29361	-29356	1593.04401	1596.95000
.600	-0.232	-03798	-03708	-03556	-03632	-28803	-28898	-28919	-28909	1593.71201	1597.17000
.600	.262	.00645	.00569	.00713	.00641	-28426	-28531	-28551	-28541	1593.87000	1597.00999
.600	.766	.05196	.05135	.05318	.05226	-28174	-28275	-28278	-28276	1594.40401	1597.21001
.600	1.258	.09520	.09415	.09579	.09497	-27818	-27923	-27933	-27928	1594.23599	1596.83000
.600	GRADIENT	.09043	.09019	.09022	.09020	-.00568	-.00546	-.00477	-.00548	2.34479	-.02515

RUN NO. 1472/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DPACAL	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
.800	-6.927	-77409	-77497	-77361	-77429	-37144	-37061	-37105	-37083	1306.91200	1341.14999
.800	-6.405	-72110	-72140	-72005	-72072	-36768	-36750	-36799	-36774	1311.06000	1341.09000
.800	-5.903	-66550	-66639	-66486	-66563	-36823	-36792	-36851	-36821	1314.81799	1341.17000
.800	-5.395	-60820	-60935	-60775	-60855	-36718	-36701	-36721	-36711	1318.19400	1341.02000
.800	-4.889	-55154	-55285	-55136	-55210	-36582	-36690	-36700	-36695	1321.50500	1341.07001
.800	-4.380	-49374	-49441	-49286	-49363	-36520	-36604	-36564	-36584	1324.42400	1340.92000
.800	-3.871	-43951	-44022	-43879	-43951	-36337	-36423	-36372	-36398	1326.83900	1340.82001
.800	-3.364	-38437	-38513	-38349	-38431	-36219	-36242	-36192	-36217	1329.37700	1341.07001
.800	-2.854	-33026	-33057	-32899	-32978	-36097	-36120	-36067	-36093	1331.32201	1340.98000
.800	-2.345	-27327	-27386	-27236	-27311	-35788	-35848	-35862	-35855	1333.10800	1341.03000
.800	-1.832	-21821	-21844	-21677	-21760	-35552	-35583	-35612	-35597	1334.52901	1341.07001
.800	-1.323	-16369	-16320	-16160	-16240	-35259	-35284	-35310	-35297	1335.73500	1341.00999
.800	-0.812	-10825	-10755	-10592	-10674	-34968	-34968	-35002	-34985	1336.67200	1341.02000
.800	-0.308	-05524	-05433	-05270	-05351	-34681	-34674	-34703	-34691	1337.39700	1340.83000
.800	.181	-.00108	-.00004	-.00011	-.00004	-34347	-34374	-34397	-34386	1337.85400	1340.98000
.800	.689	.05375	.05308	.05472	.05390	-34100	-34100	-34104	-34102	1338.33000	1341.14000
.800	1.185	.10784	.10648	.10823	.10736	-33840	-33903	-33925	-33914	1338.36400	1341.00000
.800	GRADIENT	.10824	.10841	.10836	.10839	-.00489	-.00487	-.00477	-.00482	2.73520	-.00712

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(UCM055) ( 04 OCT 91 )

PARAMETRIC DATA

MACH		RUN NO. 1506/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00										BETA = 3.000 PHI = 180.000	
		DPACAL	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F		
.899	-6.916	-80342	-80598	-80375	-80487	-38469	-38327	-38415	-38371	1238.97400	1272.85001		
.900	-6.396	-74650	-74880	-74663	-74771	-38577	-38444	-38499	-38471	1242.80200	1273.05000		
.900	-5.892	-69021	-69313	-69086	-69199	-38234	-38170	-38244	-38207	1246.73900	1273.02000		
.900	-5.389	-63160	-63377	-63166	-63272	-38282	-38269	-38335	-38302	1250.42400	1273.16000		
.900	-4.879	-57359	-57567	-57356	-57461	-38094	-38088	-38148	-38118	1253.41299	1272.89399		
.900	-4.369	-51481	-51633	-51403	-51518	-37917	-37916	-37986	-37951	1256.60001	1273.13000		
.900	-3.863	-45744	-45901	-45700	-45801	-37782	-37765	-37827	-37756	1258.95200	1272.89000		
.900	-3.353	-40050	-40090	-39892	-39991	-37590	-37573	-37652	-37613	1261.50101	1272.97000		
.900	-2.841	-34257	-34395	-34176	-34285	-37377	-37368	-37430	-37399	1263.32800	1272.88000		
.900	-2.331	-28411	-28527	-28313	-28420	-37130	-37147	-37204	-37175	1265.10500	1272.92999		
.900	-1.818	-22645	-22717	-22524	-22621	-36816	-36824	-36874	-36849	1266.59300	1272.99001		
.900	-1.308	-16940	-16958	-16754	-16856	-36460	-36561	-36506	-36534	1267.62399	1273.03000		
.900	-.801	-11303	-11215	-11012	-11114	-36179	-36232	-36177	-36204	1268.72900	1273.19000		
.900	-.294	-.05714	-.05628	-.05424	-.05526	-35784	-35863	-35888	-35875	1269.46800	1272.91000		
.900	.197	-.00102	-.00038	-.00026	-.00032	-35517	-35558	-35591	-35574	1269.91400	1272.91000		
.900	.703	.05460	.05404	.05573	.05488	-35210	-35297	-35308	-35303	1270.25000	1272.95000		
.900	1.196	.11094	.11033	.11179	.11106	-35012	-35058	-35087	-35072	1270.45100	1273.03999		
.900	GRADIENT	.11246	.11281	.11265	.11273	-.00537	-.00521	-.00533	-.00527	2.72761	.00608		

MACH		RUN NO. 1512/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00										BETA = 3.000 PHI = 180.000	
		DPACAL	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F		
1.099	-6.970	-81946	-82274	-82067	-82171	-37947	-37695	-37758	-37726	1171.27800	1204.61000		
1.099	-6.460	-76426	-76679	-76471	-76575	-37721	-37507	-37538	-37522	1175.06400	1204.75301		
1.100	-5.957	-70818	-71099	-70879	-70989	-37435	-37235	-37288	-37261	1178.70100	1204.87700		
1.100	-5.457	-64984	-65228	-65011	-65120	-37330	-37184	-37230	-37207	1182.36301	1204.61099		
1.100	-4.955	-59166	-59405	-59206	-59305	-37171	-37113	-37165	-37139	1185.53999	1204.54401		
1.100	-4.453	-53204	-53356	-53134	-53245	-37172	-37091	-37142	-37116	1188.57300	1204.53500		
1.100	-3.953	-47537	-47570	-47350	-47460	-37149	-37100	-37139	-37120	1190.97099	1204.61000		
1.100	-3.447	-41772	-41878	-41654	-41766	-37056	-36970	-37004	-36987	1193.33200	1204.64301		
1.100	-2.945	-35909	-35980	-35840	-35910	-36887	-36806	-36831	-36819	1195.27699	1204.54900		
1.100	-2.439	-29831	-29996	-29783	-29889	-36856	-36778	-36816	-36797	1196.99001	1204.76401		
1.100	-1.939	-24169	-24305	-24104	-24205	-36589	-36632	-36564	-36598	1198.61200	1204.72301		
1.100	-1.436	-18449	-18543	-18306	-18424	-36247	-36289	-36207	-36248	1199.41800	1204.57600		
1.100	-.934	-12660	-12681	-12475	-12578	-36094	-36148	-36082	-36115	1200.51601	1204.65199		
1.100	-.441	-07070	-07083	-06908	-06996	-35935	-35937	-35937	-35957	1201.28900	1204.75900		
1.100	.057	-01441	-01424	-01223	-01323	-35925	-35953	-35929	-35941	1201.82600	1204.75301		
1.100	.567	.04270	.04152	.04324	.04238	-35870	-35898	-35896	-35897	1202.15800	1204.81799		
1.100	1.063	.09938	.09857	.10022	.09940	-35860	-35911	-35905	-35908	1202.36000	1204.78500		
1.100	GRADIENT	.11484	.11503	.11497	.11500	-.00272	-.00247	-.00262	-.00255	2.72910	.04157		

(UCMO55) ( 04 OCT 91 )

PARAMETRIC DATA

BETA = 3.000 PHI = 180.000

RUN NO. 1528/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DPACAL	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
1.250	-6.939	-.89278	-.89411	-.89241	-.89326	.42069	.41927	.42010	.41968	1148.66701	1182.91600
1.250	-6.420	-.82988	-.83082	-.82856	-.82966	.41825	.41838	.41894	.41866	1152.23700	1182.47900
1.250	-5.915	-.76695	-.76867	-.76623	-.76745	.41748	.41728	.41803	.41765	1156.11000	1182.29300
1.250	-5.409	-.70365	-.70587	-.70353	-.70470	.41710	.41714	.41760	.41737	1159.82800	1182.06500
1.250	-4.902	-.63956	-.64135	-.63911	-.64023	.41506	.41522	.41579	.41551	1163.70399	1183.12300
1.250	-4.394	-.57196	-.57479	-.57223	-.57351	.41199	.41182	.41260	.41221	1165.88699	1182.13000
1.250	-3.887	-.50666	-.50846	-.50618	-.50732	.41047	.41065	.41118	.41091	1167.33099	1182.13000
1.250	-3.383	-.44338	-.44603	-.44368	-.44485	.40922	.40941	.40991	.40966	1169.92700	1183.11800
1.250	-2.875	-.38068	-.38231	-.37970	-.38101	.40800	.40815	.40868	.40842	1172.14700	1182.92599
1.250	-2.361	-.31703	-.31811	-.31596	-.31704	.40624	.40636	.40694	.40665	1173.75000	1182.26700
1.250	-1.858	-.25359	-.25463	-.25229	-.25346	.40425	.40340	.40388	.40364	1175.05901	1182.38400
1.250	-1.350	-.19194	-.19237	-.19001	-.19119	.39983	.39849	.39910	.39879	1176.15800	1182.49600
1.250	-.843	-.12912	-.12875	-.12629	-.12752	.39637	.39604	.39604	.39577	1177.05400	1182.25700
1.250	-.340	-.06797	-.06736	-.06535	-.06636	.39322	.39206	.39261	.39234	1177.83000	1182.67500
1.250	.150	-.00795	-.00656	-.00627	-.00641	.39155	.39054	.39091	.39072	1178.97900	1183.04100
1.250	.659	.05517	.05437	.05637	.05537	.38858	.38791	.38824	.38807	1178.82800	1182.39500
1.250	1.155	.11689	.11628	.11816	.11722	.38666	.38568	.38598	.38583	1178.42500	1182.26100
	GRADIENT	.12426	.12471	.12456	.12464	-.00479	-.00503	-.00508	-.00505	2.56366	-.02931

RUN NO. 1545/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DPACAL	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
1.400	-6.942	-1.02151	-1.02462	-1.02240	-1.02351	.49070	.48864	.48936	.48900	1129.18600	1163.86000
1.400	-6.424	-.94956	-.95255	-.95041	-.95148	.48948	.48760	.48842	.48801	1132.82401	1164.06100
1.400	-5.921	-.87869	-.88165	-.87965	-.88065	.48632	.48431	.48505	.48468	1137.17999	1164.21600
1.400	-5.413	-.80789	-.80900	-.80688	-.80794	.48212	.48148	.48221	.48184	1140.12601	1163.94600
1.400	-4.913	-.73454	-.73593	-.73370	-.73482	.47969	.47896	.47971	.47934	1143.38400	1164.47501
1.400	-4.405	-.66120	-.66304	-.66092	-.66198	.47740	.47679	.47736	.47708	1146.65199	1164.17799
1.400	-3.900	-.59016	-.59149	-.58940	-.59044	.47672	.47629	.47687	.47658	1149.18100	1164.27800
1.400	-3.392	-.51913	-.51914	-.51686	-.51800	.47551	.47547	.47596	.47572	1152.02699	1164.27100
1.399	-2.885	-.44389	-.44407	-.44214	-.44311	.47416	.47370	.47426	.47398	1153.55200	1163.99800
1.400	-2.377	-.36855	-.36928	-.36725	-.36827	.47179	.47169	.47219	.47194	1155.80200	1164.50399
1.399	-1.869	-.29468	-.29618	-.29417	-.29517	.46629	.46614	.46687	.46651	1157.01100	1164.06500
1.400	-1.363	-.22241	-.22342	-.22137	-.22239	.46228	.46210	.46265	.46237	1158.21001	1164.39700
1.399	-.857	-.14990	-.15005	-.14816	-.14910	.45807	.45774	.45825	.45800	1159.11700	1164.32899
1.400	-.353	-.07840	-.07921	-.07717	-.07819	.45413	.45425	.45438	.45431	1159.08299	1163.88300
1.400	.135	-.00971	-.00900	-.00757	-.00829	.45031	.45027	.45050	.45039	1159.85600	1164.57899
1.400	.643	.06173	.06102	.06272	.06187	.44827	.44844	.44860	.44852	1160.19600	1164.11700
1.400	1.141	.13129	.13121	.13260	.13190	.44600	.44641	.44664	.44652	1160.20599	1164.06799
	GRADIENT	.14352	.14373	.14362	.14367	-.00608	-.00594	-.00603	-.00599	2.68069	-.02356

(UCM055) ( 04 OCT 91 )

PARAMETRIC DATA

BETA = 3.000 PHI = 180.000

RUN NO. 1562/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DPACAL	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
1.450	-6.892	-1.07875	-1.08095	-1.07907	-1.08001	.52659	.52604	.52717	.52661	1122.94901	1158.63100
1.449	-6.374	-1.00325	-1.00583	-1.00382	-1.00483	.52599	.52608	.52715	.52662	1126.64500	1158.55701
1.450	-5.866	-1.92837	-1.93130	-1.92905	-1.93018	.52421	.52440	.52539	.52489	1129.97000	1157.97800
1.450	-5.361	-1.85118	-1.85302	-1.85096	-1.85199	.52056	.52078	.52177	.52127	1133.52100	1158.70200
1.450	-4.847	-1.77205	-1.77369	-1.77164	-1.77266	.51634	.51587	.51662	.51624	1135.65700	1158.01601
1.450	-4.339	-1.69422	-1.69694	-1.69482	-1.69588	.51506	.51450	.51554	.51502	1138.30499	1158.23199
1.450	-3.829	-1.61980	-1.62350	-1.62128	-1.62239	.51523	.51485	.51561	.51523	1141.67400	1158.54601
1.450	-3.316	-1.54272	-1.54638	-1.54412	-1.54525	.51465	.51445	.51520	.51483	1144.29401	1158.09200
1.450	-2.801	-1.46403	-1.46675	-1.46474	-1.46574	.51279	.51247	.51324	.51285	1146.01700	1158.15100
1.450	-2.284	-1.38375	-1.38624	-1.38413	-1.38519	.51036	.51032	.51102	.51067	1148.85201	1158.68300
1.449	-1.772	-1.30785	-1.30931	-1.30732	-1.30832	.50702	.50519	.50595	.50557	1149.83600	1158.64600
1.450	-1.261	-1.23029	-1.23084	-1.22891	-1.22988	.49955	.49761	.49813	.49787	1150.96800	1158.53101
1.450	-1.751	-1.15147	-1.15123	-1.14921	-1.15022	.49313	.49138	.49195	.49166	1151.20700	1157.94400
1.449	-2.241	-1.07687	-1.07611	-1.07447	-1.07529	.48732	.48572	.48626	.48599	1151.72099	1158.64600
1.449	.250	-1.00176	-1.00078	-1.00054	-1.00066	.48152	.48020	.48087	.48054	1152.41600	1158.52400
1.450	.757	.07347	.07288	.07467	.07378	.47772	.47613	.47663	.47638	1152.34900	1158.20799
1.450	1.246	.14738	.14691	.14857	.14774	.47395	.47257	.47318	.47288	1153.32300	1158.72800
GRADIENT		.15106	.15168	.15153	.15161	-.00763	-.00788	-.00794	-.00791	2.74409	.05565

RUN NO. 1647/ O RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DPACAL	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
1.470	-6.903	-1.10355	-1.10005	-1.09905	-1.09955	.53909	.53516	.53663	.53590	1109.13300	1149.47758
1.484	-6.386	-1.02682	-1.02421	-1.02287	-1.02354	.53905	.53520	.53679	.53599	1111.86400	1166.79224
1.471	-5.881	-1.94943	-1.94770	-1.94658	-1.94714	.53766	.53547	.53685	.53616	1115.41499	1148.76326
1.471	-5.369	-1.87293	-1.87137	-1.87016	-1.87076	.53698	.53500	.53642	.53571	1119.68100	1148.55487
1.470	-4.862	-1.79552	-1.79399	-1.79288	-1.79343	.53426	.53213	.53293	.53253	1123.75600	1149.07166
1.471	-4.350	-1.71440	-1.71269	-1.71070	-1.71169	.52694	.52483	.52562	.52523	1125.99699	1149.06439
1.470	-3.845	-1.63474	-1.63296	-1.63179	-1.63237	.52399	.52176	.52246	.52211	1127.48500	1149.13919
1.470	-3.331	-1.55641	-1.55408	-1.55274	-1.55341	.52124	.51951	.52037	.51994	1129.97000	1149.89508
1.471	-2.817	-1.47564	-1.47290	-1.47158	-1.47224	.51970	.51771	.51843	.51807	1131.44800	1148.94084
1.471	-2.306	-1.39416	-1.39164	-1.39019	-1.39092	.51575	.51466	.51528	.51497	1133.44400	1149.80740
1.470	-1.791	-1.31371	-1.31295	-1.31148	-1.31221	.50986	.50872	.50929	.50901	1134.92200	1149.35573
1.471	-1.281	-1.23459	-1.23441	-1.23282	-1.23362	.50412	.50346	.50393	.50369	1135.93401	1148.85591
1.471	-1.769	-1.15421	-1.15422	-1.15268	-1.15345	.49883	.49775	.49822	.49799	1137.07201	1149.69264
1.471	-2.263	-1.07728	-1.07757	-1.07594	-1.07675	.49081	.48973	.49029	.49001	1137.16299	1149.30522
1.470	.228	-.00084	-.00167	-.00178	-.00172	.48592	.48489	.48536	.48512	1137.65601	1149.27979
1.471	.734	.07216	.07164	.07324	.07244	.48371	.48241	.48294	.48268	1138.48599	1149.40280
1.470	1.228	.14729	.14626	.14776	.14701	.48039	.47943	.47997	.47970	1138.78900	1149.61388
GRADIENT		.15517	.15460	.15456	.15458	-.00903	-.00881	-.00887	-.00884	2.47268	.04629

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(UCM055) ( 04 OCT 91 )

PARAMETRIC DATA

BETA = 3.000 PHI = 180.000

RUN NO. 1597/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DPACAL	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
1.493	-6.910	-1.16270	-1.16047	-1.15896	-1.15971	.57135	.56991	.57079	.57035	1105.12000	1145.08565
1.493	-6.393	-1.08815	-1.08537	-1.08381	-1.08459	.56914	.56767	.56833	.56800	1108.70799	1145.18886
1.493	-5.886	-1.00497	-1.00337	-1.00180	-1.00258	.56913	.56765	.56831	.56798	1111.15700	1145.22351
1.493	-5.381	-1.92902	-1.92670	-1.92514	-1.92592	.57121	.56954	.57042	.57003	1113.30701	1144.80016
1.493	-4.868	-1.85056	-1.84803	-1.84650	-1.84726	.57314	.57185	.57255	.57220	1115.95100	1143.91989
1.493	-4.363	-1.76770	-1.76519	-1.76462	-1.76541	.57134	.56984	.57068	.57026	1117.53000	1143.43346
1.494	-3.856	-1.68572	-1.68501	-1.68324	-1.68413	.57207	.57066	.57126	.57096	1118.94099	1142.59163
1.493	-3.344	-1.60257	-1.60235	-1.60050	-1.60142	.57124	.56997	.57126	.57026	1120.15401	1142.27242
1.493	-2.830	-1.51658	-1.51401	-1.51216	-1.51308	.56853	.56723	.56770	.56747	1123.33200	1144.66731
1.493	-2.316	-1.43002	-1.42793	-1.42627	-1.42710	.56617	.56493	.56559	.56526	1125.57300	1145.15323
1.493	-1.804	-1.34361	-1.34260	-1.34081	-1.34170	.56169	.56056	.56098	.56077	1126.74800	1145.16322
1.493	-1.292	-1.25783	-1.25845	-1.25657	-1.25751	.55734	.55616	.55659	.55637	1127.42999	1145.20956
1.493	-.784	-1.17102	-1.17161	-1.16973	-1.17067	.55381	.55207	.55260	.55233	1127.47701	1144.40800
1.493	-.279	-1.08749	-1.08814	-1.08636	-1.08725	.54735	.54526	.54620	.54573	1127.06400	1143.55878
1.493	.214	-1.00330	-1.00397	-1.00357	-1.00377	.54224	.54044	.54131	.54087	1126.40601	1142.95625
1.493	.720	.07978	.07850	.08047	.07948	.53610	.53421	.53452	.53436	1126.02299	1142.62599
1.493	1.213	.16400	.16275	.16494	.16385	.53261	.53058	.53086	.53072	1127.75000	1144.29860
GRADIENT		.16719	.16661	.16661	.16661	-.00701	-.00713	-.00716	-.00714	1.88574	.03491

RUN NO. 1613/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DPACAL	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
1.516	-6.909	-1.31919	-1.31446	-1.31322	-1.31384	.64514	.64302	.64407	.64354	1108.73399	1138.15260
1.517	-6.393	-1.24262	-1.23641	-1.23582	-1.23611	.64535	.64315	.64416	.64365	1113.05800	1137.64970
1.517	-5.885	-1.15277	-1.14813	-1.14647	-1.14730	.64852	.64556	.64668	.64612	1115.67799	1137.00140
1.516	-5.383	-1.05829	-1.05467	-1.05321	-1.05394	.64893	.64631	.64722	.64676	1118.26500	1136.66402
1.516	-4.870	-1.95869	-1.95538	-1.95382	-1.95460	.64379	.64112	.64198	.64155	1120.21400	1136.50003
1.517	-4.359	-1.85945	-1.85497	-1.85327	-1.85412	.63969	.63789	.63853	.63821	1121.22099	1136.38080
1.516	-3.852	-1.77047	-1.76622	-1.76460	-1.76541	.63794	.63572	.63627	.63600	1121.22099	1136.42642
1.517	-3.344	-1.68685	-1.68364	-1.68200	-1.68282	.64483	.64149	.64246	.64197	1122.23900	1136.75771
1.516	-2.829	-1.59425	-1.59186	-1.58999	-1.59093	.64902	.64569	.64644	.64607	1123.97600	1137.59988
1.517	-2.315	-1.49558	-1.49204	-1.49042	-1.49123	.64486	.64158	.64233	.64195	1126.12601	1138.01553
1.516	-1.806	-1.39715	-1.39416	-1.39244	-1.39330	.63498	.63250	.63340	.63285	1128.19901	1138.80499
1.517	-1.293	-1.29735	-1.29626	-1.29456	-1.29541	.62694	.62392	.62442	.62417	1130.02299	1139.13382
1.517	-.785	-1.19798	-1.19740	-1.19560	-1.19650	.61862	.61596	.61666	.61631	1131.45799	1139.74573
1.517	-.278	-1.10113	-1.10079	-1.09886	-1.09983	.60733	.60523	.60574	.60549	1132.76801	1140.50989
1.517	.215	-1.00637	-1.00629	-1.00613	-1.00621	.60142	.59964	.60014	.59988	1132.61000	1139.08252
1.516	.720	.08708	.08629	.08792	.08711	.59611	.59440	.59488	.59464	1129.68100	1136.37410
1.516	1.214	.18336	.18282	.18488	.18385	.59733	.59526	.59574	.59550	1128.97501	1137.44968
GRADIENT		.18804	.18717	.18714	.18715	-.00901	-.00889	-.00895	-.00892	2.06868	.35899

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(UCM055) ( 04 OCT 91 )

PARAMETRIC DATA

BETA = 3.000 PHI = 180.000

RUN NO. 1628/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DPACAL	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
1.541	-6.907	-1.29825	-1.29371	-1.29235	-1.29303	.64074	.63716	.63815	.63765	1116.77901	1133.64229
1.542	-6.393	-1.16703	-1.16154	-1.16011	-1.16083	.62266	.61929	.62039	.61984	1118.79500	1134.88611
1.542	-5.885	-1.04813	-1.04509	-1.04339	-1.04424	.61093	.60733	.60852	.60793	1121.94299	1137.01471
1.542	-5.377	- .93433	- .93229	- .93038	- .93133	.59743	.59429	.59511	.59470	1123.59900	1136.56615
1.542	-4.872	- .82646	- .82364	- .82190	- .82277	.58377	.58052	.58137	.58094	1123.08501	1135.23393
1.542	-4.359	- .72414	- .72180	- .72014	- .72097	.56985	.56277	.56359	.56318	1122.17799	1135.26883
1.542	-3.854	- .62919	- .62654	- .62468	- .62561	.54929	.54566	.54717	.54641	1121.67799	1133.92451
1.541	-3.342	- .53434	- .53031	- .52854	- .52943	.52913	.52536	.52621	.52578	1121.33200	1133.66478
1.541	-2.828	- .44431	- .44048	- .43847	- .43947	.51038	.50713	.50781	.50747	1121.27400	1133.06268
1.542	-2.316	- .35819	- .35555	- .35418	- .35486	.49326	.49066	.49135	.49100	1121.50000	1133.29672
1.542	-1.804	- .27290	- .27118	- .26926	- .27022	.47339	.46990	.47064	.47027	1123.28000	1134.60924
1.542	-1.294	- .19270	- .19119	- .18909	- .19014	.45099	.44727	.44785	.44756	1124.94000	1135.97102
1.542	- .785	- .11549	- .11473	- .11282	- .11377	.42986	.42676	.42753	.42714	1126.25999	1137.04695
1.542	- .279	- .04567	- .04555	- .04370	- .04462	.41464	.41257	.41329	.41293	1125.67900	1135.71362
1.542	.213	.02013	.01845	.02060	.01952	.40380	.40258	.40306	.40282	1124.41600	1135.17505
1.542	.721	.08812	.08627	.08822	.08725	.39932	.39787	.39856	.39821	1124.61800	1135.02028
1.542	1.214	.15680	.15686	.15900	.15793	.39506	.39396	.39457	.39426	1124.82300	1135.30170
	GRADIENT	.16058	.15979	.15985	.15982	-.03347	-.03309	-.03316	-.03313	.65010	.22717

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(UCM056) ( 04 OCT 91 )

PARAMETRIC DATA

BETA = 4.000 PHI = 180.000

RUN NO. 1582/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DPACAL	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
.599	-6.858	- .64133	- .64093	- .63948	- .64020	.40620	.40651	.40683	.40667	1563.48500	1596.75999
.600	-5.832	- .54737	- .54781	- .54629	- .54705	.40599	.40549	.40586	.40568	1570.57300	1597.27000
.599	-4.815	- .45469	- .45449	- .45297	- .45373	.40419	.40326	.40364	.40345	1576.35001	1596.22000
.600	-3.790	- .35994	- .35922	- .35783	- .35853	.39993	.39902	.39929	.39915	1581.86900	1596.99001
.600	-2.771	- .26622	- .26654	- .26516	- .26585	.39536	.39466	.39526	.39496	1585.87500	1597.21001
.600	-1.750	- .17509	- .17454	- .17302	- .17378	.39131	.39029	.39067	.39048	1588.77400	1596.63000
.601	- .733	- .08394	- .08269	- .08117	- .08193	.38478	.38456	.38477	.38467	1590.74200	1597.69000
.600	.280	.01072	.00978	.01143	.01060	.37959	.37893	.37910	.37902	1591.80701	1597.03000
.600	1.262	.09869	.09792	.09968	.09880	.37582	.37521	.37549	.37535	1592.08501	1596.78000
	GRADIENT	.09095	.09079	.09084	.09081	-.00480	-.00473	-.00476	-.00475	2.53684	.07952

(UCM056) ( 04 OCT 91 )

PARAMETRIC DATA

BETA = 4.000 PHI = 180.000

RUN NO. 1473/ O RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DPACAL	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
.800	-6.904	-77101	-77191	-77026	-77109	-48594	-48516	-48562	.48539	1303.82100	1341.32001
.800	-5.875	-66169	-66277	-66121	-66199	-48152	-48166	-48215	.48191	1311.34100	1341.17999
.800	-4.859	-55021	-55116	-54985	-55050	-47838	-47848	-47892	.47870	1318.23300	1340.92000
.800	-3.846	-43724	-43788	-43644	-43716	-47311	-47295	-47334	.47315	1324.08400	1341.05000
.800	-2.835	-32571	-32652	-32465	-32559	-47023	-46937	-46965	.46951	1328.58501	1340.96001
.800	-1.818	-21745	-21785	-21589	-21667	-46537	-46467	-46511	.46489	1331.92700	1340.83000
.800	-.812	-10664	-10585	-10430	-10507	-46066	-45971	-46013	.45992	1334.35400	1340.97000
.800	.202	.00415	.00262	.00431	.00347	-45611	-45518	-45522	.45520	1335.65100	1341.13000
.799	1.188	.11099	.10981	.11148	.11065	-45269	-45169	-45177	.45173	1336.21800	1340.78999
GRADIENT		.10918	.10915	.10920	.10918	-.00427	-.00444	-.00450	-.00447	2.93455	-.00768

RUN NO. 1507/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DPACAL	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
.900	-6.891	-79846	-80205	-79964	-80085	-50544	-50400	-50468	.50434	1235.69400	1273.07001
.900	-5.863	-68677	-68940	-68724	-68832	-50084	-49989	-50052	.50021	1243.32800	1273.00999
.900	-4.846	-57236	-57461	-57227	-57344	-49578	-49536	-49589	.49563	1250.38300	1273.03999
.900	-3.833	-45616	-45625	-45411	-45518	-49080	-49072	-49128	.49100	1256.31400	1272.95000
.900	-2.821	-33809	-33960	-33754	-33857	-48714	-48731	-48777	.48754	1260.83800	1273.06000
.900	-1.801	-22486	-22594	-22385	-22490	-48207	-48177	-48238	.48207	1264.08299	1272.86000
.900	-.793	-11028	-11021	-10835	-10928	-47840	-47759	-47820	.47790	1266.50101	1273.00000
.900	.217	.00351	.00239	.00420	.00330	-47208	-47145	-47187	.47166	1267.88800	1273.09000
.900	1.202	.11495	.11449	.11625	.11537	-46958	-46906	-46952	.46929	1268.33400	1273.00000
GRADIENT		.11351	.11368	.11359	.11364	-.00441	-.00450	-.00451	-.00450	2.92699	-.00349

RUN NO. 1513/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DPACAL	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
1.099	-6.963	-81694	-82034	-81823	-81929	-49983	-49768	-49805	.49786	1168.27400	1204.85100
1.100	-5.943	-70484	-70771	-70545	-70658	-49504	-49357	-49397	.49377	1175.70799	1204.78999
1.100	-4.938	-59088	-59315	-59109	-59212	-49114	-48955	-48997	.48976	1182.26801	1204.72600
1.100	-3.933	-47457	-47454	-47247	-47350	-48682	-48592	-48635	.48613	1188.04500	1204.61000
1.100	-2.944	-35802	-35874	-35703	-35789	-48374	-48285	-48314	.48299	1192.70399	1204.74600
1.100	-1.930	-24293	-24404	-24194	-24299	-48234	-48197	-48234	.48215	1195.98199	1204.77000
1.100	-.922	-12351	-12337	-12334	-12334	-48060	-47951	-47991	.47971	1198.32300	1204.76199
1.100	.079	-.00902	-.00881	-.00751	-.00816	-47849	-47759	-47799	.47779	1199.76300	1204.55400
1.100	1.069	.10401	.10333	.10501	.10417	-47819	-47761	-47775	.47768	1200.43500	1204.74300
GRADIENT		.11580	.11598	.11590	.11594	-.00209	-.00199	-.00202	-.00200	2.97728	-.00166

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(UCMO56) ( 04 OCT 91 )

PARAMETRIC DATA

BETA = 4.000 PHI = 180.000

RUN NO. 1529/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DPACAL	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
1.250	-6.921	-88751	-88987	-88797	-88892	55318	55251	55342	55297	1145.17900	1183.03101
1.250	-5.887	-76335	-76522	-76291	-76406	54905	54854	54950	54902	1152.55800	1182.36200
1.250	-4.877	-63727	-63896	-63641	-63769	54456	54431	54557	54494	1159.72099	1182.32899
1.250	-3.862	-50767	-50945	-50712	-50828	53789	53698	53812	53755	1165.35400	1182.28600
1.250	-2.853	-37895	-37961	-37717	-37839	53326	53218	53288	53253	1169.23000	1182.68700
1.250	-1.843	-25307	-25432	-25193	-25313	52898	52796	52864	52830	1172.55499	1183.03300
1.250	-.837	-12824	-12732	-12518	-12625	52485	52380	52427	52403	1174.32500	1181.99600
1.250	.174	-00073	-00038	-00002	-00018	52034	51963	52011	51987	1175.27901	1182.03000
1.250	1.160	12161	12105	12303	12204	51844	51770	51821	51796	1176.69901	1182.93800
GRADIENT		12559	12592	12571	12582	00432	00436	00450	00443	2.69314	02186

RUN NO. 1546/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DPACAL	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
1.400	-6.928	-101811	-102121	-101924	-102022	63357	63481	63530	63505	1125.75999	1164.63300
1.400	-5.895	-87459	-87767	-87580	-87673	63457	63434	63480	63457	1133.54300	1164.16299
1.400	-4.882	-73151	-73271	-73045	-73158	62624	62623	62664	62643	1140.36200	1164.10899
1.400	-3.875	-58613	-58726	-58508	-58617	62004	61951	62036	61994	1146.01500	1164.46300
1.400	-2.864	-44129	-44164	-43951	-44057	61944	61858	61944	61901	1151.18700	1164.37100
1.400	-1.855	-29512	-29660	-29440	-29550	61345	61319	61390	61354	1154.40199	1163.96001
1.400	-.853	-14760	-14868	-14683	-14776	60754	60713	60772	60742	1156.52100	1164.25800
1.400	.157	-00207	-00223	-00217	-00220	60251	60245	60285	60265	1158.55701	1164.46700
1.400	1.146	13705	13695	13848	13772	59879	59869	59916	59893	1158.51300	1163.88300
GRADIENT		14445	14461	14437	14449	00459	00455	00459	00457	3.01630	02767

RUN NO. 1563/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DPACAL	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
1.449	-6.869	-107223	-107543	-107285	-107414	68545	68490	68600	68545	1120.37399	1158.86800
1.450	-5.830	-92170	-92444	-92240	-92342	68379	68255	68355	68305	1126.84700	1158.44299
1.450	-4.814	-76914	-77130	-76901	-77015	67245	67243	67337	67290	1133.99200	1158.57899
1.450	-3.794	-61260	-61625	-61402	-61513	66068	66067	66148	66107	1138.06700	1158.55299
1.450	-2.776	-45771	-46039	-45833	-45936	66103	66113	66210	66162	1142.73599	1158.15900
1.450	-1.752	-30526	-30773	-30572	-30672	65745	65782	65855	65818	1147.59700	1158.87900
1.450	-.738	-14979	-14945	-14758	-14852	64719	64851	64935	64893	1149.68900	1158.08200
1.450	.272	00483	00448	00650	00549	64064	64166	64252	64209	1150.83501	1158.17300
1.450	1.252	15511	15371	15544	15457	63459	63536	63566	63551	1151.94299	1158.39700
GRADIENT		15212	15254	15245	15250	00590	00570	00577	00574	3.04762	04887



IA310 (AEDC 16TF-783) PROBE CALIBRATION

(UCM056) ( 04 OCT 91 )

PARAMETRIC DATA

BETA = 4.000 PHI = 180.000

RUN NO. 1648/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DPACAL	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
1.470	-6.879	-1.10364	-1.10003	-1.09912	-1.09957	.69713	.69597	.69680	.69639	1107.26900	1150.02394
1.471	-5.845	-94349	-94218	-94101	-94159	.69599	.69500	.69586	.69543	1113.02699	1149.31818
1.471	-4.825	-78936	-78805	-78694	-78750	.68951	.68746	.68823	.68784	1119.54401	1148.81499
1.484	-3.808	-63521	-63265	-63138	-63202	.68044	.67881	.67956	.67919	1126.20500	1167.15723
1.470	-2.795	-47380	-47104	-46965	-47035	.67280	.67043	.67103	.67073	1129.94400	1149.24663
1.470	-1.774	-31504	-31372	-31233	-31302	.66587	.66353	.66418	.66386	1132.52100	1149.28864
1.470	-.761	-15483	-15490	-15345	-15417	.65828	.65595	.65653	.65624	1134.75101	1148.61703
1.470	.249	.00251	.00177	.00218	.00197	.64981	.64739	.64804	.64772	1136.11900	1148.21515
1.470	1.237	.15053	.15056	.15209	.15133	.64502	.64271	.64319	.64295	1137.39500	1148.93748
1.470	GRADIENT	.15578	.15531	.15530	.15530	.00739	.00747	.00751	.00749	2.76172	-1.34714

RUN NO. 1598/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DPACAL	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
1.493	-6.884	-1.15328	-1.15131	-1.14950	-1.15041	.73057	.72790	.72825	.72807	1101.52600	1143.99373
1.493	-5.854	-1.00007	-99840	-99684	-99762	.73646	.73312	.73392	.73352	1109.04800	1144.69838
1.493	-4.840	-83875	-83663	-83514	-83589	.73094	.72825	.72844	.72835	1113.56300	1144.34087
1.493	-3.819	-68111	-68010	-67839	-67924	.73332	.73109	.73109	.73068	1118.94800	1144.50011
1.493	-2.807	-51266	-51020	-50838	-50929	.73304	.72978	.73025	.73001	1122.34100	1144.50102
1.493	-1.787	-34181	-34107	-33914	-34011	.72475	.72221	.72208	.72215	1124.29300	1144.07721
1.493	-.776	-16865	-16912	-16734	-16823	.71691	.71450	.71433	.71441	1125.49899	1143.56194
1.493	.235	.00288	.00164	.00248	.00206	.70772	.70534	.70568	.70551	1125.99600	1143.59053
1.493	1.224	.16525	.16442	.16639	.16540	.70085	.69829	.69855	.69842	1125.86200	1142.98732
1.493	GRADIENT	.16675	.16618	.16616	.16617	.00556	.00547	.00552	.00549	1.91460	-.24043

RUN NO. 1614/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DPACAL	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
1.516	-6.883	-1.29728	-1.29148	-1.29025	-1.29087	.82272	.81933	.82019	.81976	1101.56500	1135.17606
1.516	-5.854	-1.13707	-1.13207	-1.13074	-1.13140	.83407	.83081	.83190	.83135	1111.69800	1136.45023
1.517	-4.835	-95750	-95399	-95245	-95322	.82919	.82601	.82709	.82655	1118.49400	1137.81683
1.516	-3.821	-76441	-75991	-75820	-75905	.81887	.81588	.81659	.81624	1122.44800	1137.10617
1.517	-2.808	-57154	-56980	-56799	-56889	.81342	.81031	.81092	.81062	1122.64000	1136.80907
1.516	-1.787	-39310	-39070	-38893	-38982	.82150	.81761	.81817	.81789	1124.02699	1137.61198
1.517	-.777	-20110	-20038	-19954	-19954	.81867	.81473	.81521	.81497	1126.24400	1138.21785
1.516	.234	.00422	.00392	.00359	.00376	.81292	.80892	.80944	.80918	1128.02499	1139.52982
1.516	1.222	.18390	.18369	.18571	.18470	.80705	.80330	.80373	.80351	1128.79700	1140.03616
1.517	GRADIENT	.18773	.18700	.18695	.18697	.00258	.00274	.00283	.00278	1.61337	.45553

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(UCM056) ( 04 OCT 91 )

PARAMETRIC DATA

BETA = 4.000 PHI = 180.000

RUN NO. 1629/ O RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DPACAL	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
1.542	-6.883	-1.31749	-1.31287	-1.31147	-1.31217	.83427	.83014	.83153	.83084	1116.43700	1134.71165
1.541	-5.851	-1.06837	-1.06516	-1.06265	-1.06391	.80004	.79624	.79743	.79684	1119.47099	1134.29720
1.541	-4.835	-0.84623	-0.84351	-0.84171	-0.84261	.76514	.76033	.76146	.76090	1122.14799	1134.22444
1.541	-3.823	-0.65000	-0.64784	-0.64599	-0.64691	.73004	.72580	.72626	.72603	1122.56500	1134.29015
1.541	-2.806	-0.46432	-0.46061	-0.45868	-0.45964	.69108	.68688	.68782	.68735	1122.42101	1134.86267
1.542	-1.788	-0.28996	-0.28728	-0.28520	-0.28624	.65614	.65188	.65267	.65228	1123.00200	1134.79655
1.541	.238	-0.12096	-0.11960	-0.11754	-0.11857	.62990	.62591	.62647	.62619	1123.95599	1134.93106
1.541	1.221	.04259	.04226	.04425	.04326	.60838	.60510	.60565	.60538	1124.29201	1134.88832
1.541	GRADIENT	.19878	.19828	.20022	.19925	.59826	.59544	.59589	.59566	1124.47400	1135.14801
		.17176	.17116	.17119	.17117	-.02845	-.02816	-.02824	-.02820	.47260	.14252

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(UCM057) ( 04 OCT 91 )

PARAMETRIC DATA

BETA = 4.000 PHI = 180.000

RUN NO. 1672/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DPACAL	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
.599	-7.870	-0.73635	-0.73510	-0.73389	-0.73449	.40910	.40914	.40959	.40936	1554.36501	1596.85001
.599	-6.844	-0.64154	-0.64061	-0.63911	-0.63986	.40624	.40605	.40642	.40623	1562.92900	1596.67000
.600	-5.828	-0.54945	-0.54856	-0.54683	-0.54769	.40645	.40534	.40556	.40545	1569.76199	1596.73000
.600	-4.806	-0.45477	-0.45342	-0.45205	-0.45274	.40397	.40255	.40276	.40266	1576.06599	1596.64999
.600	-3.789	-0.35912	-0.35799	-0.35728	-0.35764	.39814	.39703	.39739	.39721	1581.66200	1596.86000
.601	-2.768	-0.26604	-0.26643	-0.26461	-0.26552	.39553	.39431	.39474	.39453	1585.69600	1597.67999
.601	-1.750	-0.17527	-0.17465	-0.17311	-0.17388	.38993	.38971	.38977	.38974	1588.85001	1597.09000
.601	-.736	-0.08161	-0.08190	-0.08036	-0.08113	.38495	.38463	.38483	.38473	1591.01199	1596.67000
.601	.277	.00933	.00840	.01013	.00926	.37893	.37871	.37876	.37873	1592.23199	1597.08000
.600	1.258	.09771	.09695	.09869	.09782	.37605	.37581	.37602	.37592	1592.91701	1596.97000
.600	2.239	.18811	.18781	.18945	.18863	.37185	.37137	.37156	.37147	1592.96001	1596.94000
	GRADIENT	.09095	.09067	.09075	.09071	-.00461	-.00444	-.00446	-.00445	2.32338	.00444

(UCM057) ( 04 OCT 91 )

## PARAMETRIC DATA

BETA = 4.000 PHI = 180.000

RUN NO. 1748/ 0 RN/L = 2.51 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DPACAL	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
.800	-7.906	-88741	-88479	-88389	-88434	-48634	-48454	-48508	.48481	1293.06500	1341.03000
.800	-6.883	-77195	-76999	-76868	-76934	-48288	-48109	-48169	.48139	1302.72900	1341.20000
.799	-5.871	-66365	-66197	-66049	-66123	-48082	-48022	-48053	.48038	1310.54601	1340.92999
.800	-4.856	-55180	-55092	-54952	-55022	-47789	-47746	-47775	.47761	1317.64600	1341.21001
.800	-3.843	-43963	-43829	-43682	-43756	-47381	-47244	-47284	.47264	1323.94099	1341.45000
.800	-2.830	-32742	-32605	-32453	-32529	-46985	-46855	-46885	.46870	1328.54300	1341.17000
.800	-1.817	-21809	-21705	-21547	-21626	-46588	-46382	-46422	.46402	1332.08299	1341.21001
.800	-.808	-10790	-10571	-10406	-10488	-46171	-45998	-46028	.46013	1334.22200	1340.86000
.800	.201	.00219	.00256	.00425	.00340	-45607	-45445	-45433	.45439	1335.79100	1341.00999
.800	1.186	.10889	.10871	.11015	.10943	-45311	-45169	-45153	.45161	1336.37500	1340.62000
.800	2.172	.21760	.21725	.21870	.21797	-44999	-44864	-44839	.44851	1336.29800	1340.64999
	GRADIENT	.10927	.10906	.10907	.10907	-.00408	-.00417	-.00426	-.00421	2.57028	-.10530

RUN NO. 1661/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DPACAL	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
.900	-7.899	-91622	-91594	-91449	-91522	-50641	-50500	-50569	.50535	1225.12900	1272.69000
.900	-6.870	-79914	-79821	-79661	-79741	-50420	-50217	-50281	.50249	1234.69901	1273.33000
.900	-5.859	-68774	-68641	-68492	-68567	-50179	-50003	-50042	.50022	1242.67599	1272.89999
.900	-4.845	-57309	-57102	-56942	-57022	-49710	-49523	-49570	.49547	1249.37601	1272.85001
.900	-3.830	-45619	-45355	-45201	-45278	-49196	-49099	-49145	.49122	1256.13400	1273.28999
.900	-2.815	-33803	-33751	-33574	-33662	-48792	-48706	-48740	.48723	1260.48300	1272.84000
.900	-1.801	-22417	-22385	-22226	-22306	-48332	-48213	-48251	.48232	1264.11700	1273.19000
.900	-.791	-10858	-10866	-10713	-10790	-47807	-47720	-47760	.47740	1266.54201	1272.97000
.900	.217	.00549	.00383	.00562	.00472	-47260	-47158	-47185	.47171	1267.65700	1272.94000
.900	1.202	.11534	.11368	.11538	.11453	-46905	-46835	-46849	.46842	1268.83900	1273.23000
.899	2.188	.22751	.22638	.22791	.22715	-46532	-46462	-46478	.46470	1268.37801	1272.39000
	GRADIENT	.11371	.11311	.11311	.11311	-.00460	-.00448	-.00453	-.00451	2.61490	-.04038

RUN NO. 1740/ 0 RN/L = 2.51 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DPACAL	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
1.098	-7.920	-93176	-93223	-93089	-93156	-50358	-50158	-50233	.50196	1158.41901	1205.02499
1.100	-6.942	-81810	-81792	-81626	-81709	-49816	-49515	-49600	.49557	1167.08600	1205.54500
1.101	-5.939	-70674	-70631	-70466	-70548	-49718	-49464	-49540	.49502	1174.85800	1205.23000
1.101	-4.931	-59127	-59081	-58922	-59002	-49340	-49068	-49135	.49101	1181.53200	1204.73100
1.101	-3.931	-47522	-47316	-47147	-47231	-48806	-48648	-48717	.48682	1187.17799	1204.54401
1.100	-2.939	-35797	-35708	-35623	-35665	-48374	-48374	-48432	.48403	1192.05901	1204.70399
1.100	-1.922	-24282	-24334	-24162	-24248	-48351	-48166	-48243	.48204	1195.47501	1204.64000
1.100	-.925	-12408	-12490	-12320	-12405	-48164	-47978	-48047	.48012	1198.18500	1204.89900
1.100	.080	-.00951	-.00968	-.00808	-.00887	-48070	-47885	-47930	.47908	1199.61000	1204.52299
1.100	1.066	.10344	.10083	.10273	.10178	-47931	-47863	-47814	.47789	1200.33900	1204.72900
1.100	2.063	.21869	.21692	.21855	.21774	-47983	-47863	-47900	.47882	1200.53000	1204.74899
	GRADIENT	.11581	.11531	.11535	.11533	-.00184	-.00173	-.00177	-.00175	2.67006	-.00909

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(UCM057) ( 04 OCT 91 )

PARAMETRIC DATA

BETA = 4.000 PHI = 180.000

RUN NO. 1724/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DPACAL	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
1.249	-7.925	-1.01941	-1.01734	-1.01600	-1.01667	.55233	.55280	.55389	.55335	1134.22600	1182.53000
1.250	-6.894	-1.88961	-1.88626	-1.88534	-1.88580	.55438	.55202	.55286	.55244	1143.28101	1182.54700
1.250	-5.883	-1.76588	-1.76272	-1.76125	-1.76199	.55121	.54992	.55066	.55029	1151.28101	1182.11200
1.250	-4.873	-1.63905	-1.63757	-1.63591	-1.63674	.54841	.54704	.54801	.54639	1159.17300	1182.43900
1.250	-3.862	-1.50836	-1.50714	-1.50554	-1.50634	.54057	.53801	.53909	.53855	1164.85899	1182.47600
1.250	-2.850	-1.37851	-1.37767	-1.37610	-1.37688	.53602	.53325	.53381	.53353	1168.77499	1182.26601
1.250	-1.841	-1.25382	-1.25305	-1.25119	-1.25212	.53149	.52910	.52987	.52948	1172.31200	1182.55901
1.250	-836	-1.12738	-1.12641	-1.12480	-1.12561	.52728	.52439	.52515	.52477	1174.75900	1182.54300
1.250	.173	-1.00129	-1.00046	-1.00017	-1.00032	.52299	.52006	.52043	.52025	1176.40500	1182.64700
1.250	1.158	-1.2208	-1.1970	-1.2145	-1.2058	.51990	.51699	.51759	.51729	1176.99600	1182.74400
1.250	2.153	-2.4535	-2.4346	-2.4510	-2.4428	.51743	.51477	.51513	.51495	1176.96201	1182.49400
GRADIENT		.12568	.12519	.12515	.12517	-.00431	-.00434	-.00446	-.00440	2.49946	-.03384

RUN NO. 1716/ O RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DPACAL	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
1.400	-6.923	-1.01483	-1.01323	-1.01160	-1.01242	.63307	.63309	.63231	.63270	1124.45700	1164.18900
1.400	-5.895	-1.87332	-1.87263	-1.87073	-1.87168	.63201	.63229	.63138	.63184	1132.72000	1164.36301
1.400	-4.878	-1.73001	-1.72813	-1.72635	-1.72724	.62523	.62624	.62543	.62583	1139.91800	1164.51700
1.400	-3.872	-1.58616	-1.58518	-1.58326	-1.58422	.61846	.61854	.61772	.61813	1146.03500	1164.71400
1.400	-2.865	-1.44103	-1.44006	-1.43819	-1.43913	.61599	.61620	.61541	.61581	1150.93900	1164.24200
1.400	-1.852	-1.29621	-1.29716	-1.29522	-1.29619	.61228	.61249	.61171	.61210	1154.92599	1164.31100
1.399	-.851	-1.15029	-1.15050	-1.14852	-1.14951	.60648	.60667	.60571	.60619	1157.21001	1164.23399
1.400	.157	-1.00538	-1.00602	-1.00556	-1.00579	.60226	.60247	.60145	.60196	1159.46400	1164.71100
1.400	1.145	-1.33379	-1.3137	-1.3335	-1.3236	.59860	.59927	.59817	.59872	1159.79900	1164.08299
1.400	2.133	-2.7738	-2.7477	-2.7675	-2.7576	.59700	.59767	.59658	.59713	1160.09200	1164.31000
GRADIENT		.14370	.14308	.14305	.14307	-.00417	-.00408	-.00413	-.00410	2.82783	-.03883

RUN NO. 1706/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DPACAL	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
1.450	-7.874	-1.23453	-1.23224	-1.23108	-1.23166	.70266	.70254	.70196	.70225	1108.05800	1158.48801
1.450	-6.841	-1.07898	-1.07592	-1.07448	-1.07520	.68515	.68423	.68370	.68397	1115.50200	1158.59000
1.451	-5.831	-1.92789	-1.92629	-1.92487	-1.92558	.68457	.68425	.68353	.68389	1123.51801	1157.92101
1.450	-4.811	-1.77703	-1.77478	-1.77327	-1.77402	.67612	.67618	.67536	.67577	1131.27800	1158.55800
1.450	-3.790	-1.62121	-1.62107	-1.61914	-1.62011	.66566	.66672	.66597	.66634	1136.94099	1158.24300
1.450	-2.773	-1.46559	-1.46581	-1.46404	-1.46493	.66595	.66653	.66758	.66806	1142.81500	1158.52299
1.450	-1.750	-1.31289	-1.31299	-1.31126	-1.31213	.66513	.66636	.66536	.66586	1148.25600	1158.39700
1.450	-.740	-1.15578	-1.15509	-1.15326	-1.15418	.65690	.65752	.65752	.65802	1151.26900	1158.39799
1.450	.272	-1.00131	-1.00151	-1.00226	-1.00188	.65036	.65011	.64920	.64966	1152.70000	1158.41800
1.450	1.254	-1.5073	-1.4824	-1.5013	-1.4918	.64457	.64459	.64334	.64396	1153.94000	1158.50200
1.450	2.240	-3.0363	-3.0071	-3.0250	-3.0160	.63977	.64160	.64039	.64099	1153.92999	1158.23300
GRADIENT		.15323	.15268	.15266	.15267	-.00499	-.00490	-.00497	-.00493	3.26813	-.01522

(UCMO57) ( 04 OCT 91 )

## PARAMETRIC DATA

BETA = 4.000 PHI = 180.000

RUN NO. 1699/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DPACAL	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
1.469	-7.887	-1.27234	-1.26946	-1.26831	-1.26889	.71387	.71425	.71329	.71377	1104.10100	1147.57178
1.469	-6.855	-1.11552	-1.11333	-1.11186	-1.11260	.70062	.70119	.70034	.70076	1112.50000	1147.76624
1.470	-5.841	-96404	-96309	-96168	-96239	.70542	.70543	.70461	.70502	1122.21800	1147.51749
1.469	-4.822	-80255	-80146	-79973	-80060	.69217	.69228	.69142	.69185	1128.93700	1147.39421
1.469	-3.808	-64134	-64098	-63924	-64011	.68374	.68374	.68275	.68325	1133.64900	1147.58925
1.469	-2.789	-48157	-47996	-47830	-47913	.67810	.67810	.67706	.67758	1137.88200	1147.62585
1.469	-1.769	-32249	-32307	-32135	-32221	.67490	.67428	.67327	.67378	1141.47600	1147.76579
1.469	-.761	-16226	-16297	-16114	-16206	.66616	.66628	.66515	.66571	1144.37801	1147.56163
1.469	.249	-00360	-00381	-00353	-00367	.65878	.65878	.65782	.65830	1145.77499	1147.44421
1.469	1.232	.14810	.14576	.14763	.14669	.65414	.65454	.65349	.65401	1146.76300	1147.74954
1.469	2.221	.30066	.29992	.30169	.30080	.65119	.65146	.65013	.65079	1146.96500	1147.82903
	GRADIENT	.15675	.15638	.15634	.15636	-.00603	-.00588	-.00593	-.00590	2.58520	.03649

RUN NO. 1692/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DPACAL	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
1.497	-7.845	-1.29576	-1.29314	-1.29207	-1.29260	.73400	.73227	.73159	.73193	1098.84000	1148.36110
1.497	-6.858	-1.14674	-1.14396	-1.14288	-1.14342	.72412	.72255	.72120	.72187	1104.94099	1147.92815
1.497	-5.849	-99818	-99604	-99473	-99539	.73066	.72898	.72756	.72827	1113.83400	1148.14915
1.497	-4.833	-83986	-83683	-83567	-83625	.72749	.72564	.72439	.72502	1120.77499	1147.74382
1.497	-3.821	-67386	-67267	-67111	-67189	.72078	.71923	.71788	.71856	1122.80400	1147.93045
1.497	-2.796	-50485	-50404	-50246	-50325	.71711	.71622	.71476	.71549	1122.73700	1147.94666
1.497	-1.783	-34149	-34120	-33948	-34034	.71300	.71182	.71079	.71131	1125.26601	1147.71074
1.496	-.774	-17228	-17179	-17016	-17097	.70752	.70629	.70532	.70581	1136.45300	1147.91667
1.497	.235	-00276	-00274	-00274	-00274	.69873	.69833	.69704	.69769	1138.32401	1147.74730
1.496	1.217	.15728	.15524	.15692	.15608	.69225	.69175	.69062	.69118	1138.88499	1147.64430
1.497	2.207	.31874	.31786	.31943	.31864	.68496	.68472	.68338	.68405	1138.55000	1147.54495
	GRADIENT	.16484	.16430	.16429	.16429	-.00594	-.00571	-.00569	-.00570	3.10921	-.03785

RUN NO. 1687/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DPACAL	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
1.521	-7.847	-1.37571	-1.37127	-1.37035	-1.37081	.78004	.77727	.77640	.77683	1093.90199	1142.87930
1.520	-6.866	-1.23909	-1.23536	-1.23486	-1.23511	.78294	.77928	.77870	.77899	1102.56000	1142.51007
1.521	-5.849	-1.09312	-1.08862	-1.08737	-1.08800	.79640	.79481	.79413	.79447	1111.50700	1142.63243
1.520	-4.830	-92847	-92598	-92474	-92536	.80063	.79925	.79849	.79887	1118.78700	1142.36317
1.521	-3.814	-75275	-74925	-74797	-74861	.79990	.79861	.79793	.79827	1123.33299	1142.65799
1.521	-2.803	-57570	-57427	-57275	-57351	.80006	.79877	.79799	.79838	1125.56000	1142.83707
1.521	-1.785	-39824	-39689	-39515	-39602	.80393	.80334	.80209	.80771	1127.17599	1142.61633
1.520	-.777	-20903	-20856	-20690	-20773	.81264	.81073	.80944	.81008	1128.29500	1142.89255
1.520	.237	-01601	-01533	-01376	-01454	.80862	.80666	.80528	.80597	1129.19200	1142.67242
1.520	1.220	.17177	.17049	.17252	.17150	.80341	.80160	.80034	.80097	1129.52800	1142.47247
1.520	2.207	.35586	.35395	.35465	.35430	.78797	.78727	.78607	.78667	1129.27299	1142.54626
	GRADIENT	.18307	.18238	.18239	.18239	-.00049	-.00049	-.00058	-.00054	1.37949	.00185

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(UCM057) ( 04 OCT 91 )

PARAMETRIC DATA

BETA = 4.000 PHI = 180.000

RUN NO. 1680/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DPACAL	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
1.541	-7.888	-1.57676	-1.57072	-1.57024	-1.57048	.90111	.89788	.89777	.89783	1111.80600	1136.83643
1.543	-6.862	-1.35521	-1.34980	-1.34900	-1.34940	.83578	.83366	.83297	.83332	1113.82500	1137.08633
1.542	-5.847	-1.10964	-1.10424	-1.10298	-1.10361	.81384	.81168	.81082	.81125	1117.33000	1137.66354
1.545	-4.831	-87581	-87290	-87170	-87230	.76406	.76237	.76157	.76197	1118.48199	1135.83380
1.544	-3.819	-68066	-67739	-67600	-67669	.72759	.72650	.72510	.72580	1118.42101	1135.79044
1.543	-2.800	-48309	-47902	-47754	-47828	.69407	.69217	.69124	.69171	1119.15601	1136.32054
1.543	-1.781	-31594	-31374	-31207	-31291	.66370	.66177	.66069	.66123	1119.83900	1136.56731
1.543	-775	-14406	-14175	-14023	-14099	.63873	.63737	.63607	.63805	1120.64500	1137.02463
1.543	.234	.02753	.02692	.02865	.02778	.62311	.62137	.62007	.62072	1121.28300	1137.02409
1.543	1.217	.18262	.18251	.18426	.18338	.61765	.61596	.61466	.61531	1121.50500	1137.12329
1.543	2.207	.34675	.34630	.34697	.34664	.61931	.61790	.61655	.61723	1121.38000	1137.04761
	GRADIENT	.17245	.17180	.17179	.17180	-.02132	-.02132	-.02138	-.02135	.50783	.21009

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(UCM058) ( 04 OCT 91 )

PARAMETRIC DATA

ALPHA = -8.000 PHI = 180.000

RUN NO. 1673/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	DPACAL	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
.600	-3.745	-78376	-78235	-78100	-78168	-.36639	-.36298	-.36289	-.36293	1555.60100	1597.21001
.600	-2.728	-77234	-77085	-76964	-77024	-.26878	-.26625	-.26595	-.26610	1558.27800	1596.97000
.600	-1.724	-76390	-76239	-76097	-76168	-.16967	-.16746	-.16726	-.16736	1560.11099	1596.92000
.600	-718	-75381	-75226	-75068	-75147	-.06996	-.06893	-.06866	-.06880	1561.16600	1597.19000
.600	-.289	-75307	-75139	-75012	-75076	-.02403	-.02269	-.02261	-.02265	1561.36400	1596.66000
.600	.737	-75215	-75060	-74916	-74988	.07069	.07036	.07077	.07057	1560.82300	1596.92999
.600	1.747	-75700	-75525	-75393	-75459	.17130	.17071	.17104	.17088	1559.37900	1596.81000
.600	2.757	-76119	-75966	-75828	-75897	.26783	.26901	.26882	.26892	1556.98500	1596.92999
.600	3.771	-76473	-76336	-76204	-76270	.36884	.36836	.36885	.36861	1553.52499	1597.21001
	GRADIENT	.00223	.00223	.00224	.00223	.09782	.09733	.09736	.09735	-.27222	-.00779



IA310 (AEDC 16TF-783) PROBE CALIBRATION

(UCMO58) ( 04 OCT 91 )

## PARAMETRIC DATA

ALPHA = -8.000 PHI = 180.000

MACH	BETA	DPACAL	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
1.249	-3.888	-1.05630	-1.05430	-1.05306	-1.05368	-51927	-51654	-51628	-51641	1136.56500	1182.77000
1.250	-2.831	-1.05040	-1.04727	-1.04593	-1.04660	-37745	-37592	-37552	-37572	1138.27800	1182.28200
1.250	-1.820	-1.03978	-1.03711	-1.03592	-1.03651	-24278	-24156	-24099	-24127	1140.49500	1182.55600
1.250	-.821	-1.03141	-1.02849	-1.02723	-1.02786	-10843	-10703	-10647	-10675	1141.99300	1182.51500
1.250	-.178	-1.02624	-1.02340	-1.02198	-1.02269	-02042	-01900	-01826	-01863	1141.76401	1182.52901
1.250	.872	-1.02678	-1.02393	-1.02266	-1.02329	11713	11693	11772	11732	1140.80099	1182.59200
1.249	1.869	-1.02944	-1.02628	-1.02490	-1.02559	25261	25185	25254	25219	1139.17799	1182.64400
1.250	2.876	-1.03298	-1.02999	-1.02851	-1.02925	38504	38215	38303	38259	1136.70300	1182.34500
1.250	3.887	-1.03361	-1.03159	-1.03037	-1.03097	51945	51621	51711	51666	1133.40100	1182.61301
	GRADIENT	.00291	.00292	.00293	.00292	13367	13292	13299	13296	-.37663	-.00380

RUN NO. 1717/ O RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	DPACAL	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
1.400	-3.903	-1.20070	-1.19761	-1.19596	-1.19679	-58459	-58114	-58216	-58165	1117.05800	1164.57500
1.400	-2.844	-1.19334	-1.19146	-1.18987	-1.19067	-42467	-42154	-42242	-42198	1119.03000	1163.87199
1.399	-1.841	-1.18519	-1.18326	-1.18178	-1.18252	-26885	-26753	-26841	-26797	1121.77400	1164.45700
1.400	-.835	-1.17602	-1.17382	-1.17245	-1.17313	-11928	-11699	-11790	-11745	1122.89301	1164.34599
1.400	-.159	-1.17429	-1.17223	-1.17079	-1.17151	-01113	-00730	-00812	-00771	1123.78999	1164.66901
1.400	.885	-1.17582	-1.17378	-1.17209	-1.17293	14235	14395	14324	14360	1122.72900	1164.16100
1.400	1.888	-1.17743	-1.17524	-1.17384	-1.17454	29700	29711	29643	29677	1121.25000	1164.56000
1.400	2.883	-1.18186	-1.17879	-1.17734	-1.17807	44894	44773	44718	44746	1118.78799	1164.15800
1.400	3.894	-1.18186	-1.17916	-1.17762	-1.17839	60159	60218	60177	60198	1114.98599	1164.20399
	GRADIENT	.00217	.00221	.00220	.00220	15219	15171	15178	15174	-.18595	-.01188

RUN NO. 1707/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	DPACAL	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
1.450	-3.759	-1.29264	-1.29048	-1.28904	-1.28976	-60677	-60359	-60464	-60412	1109.01500	1158.23700
1.450	-2.736	-1.27950	-1.27670	-1.27535	-1.27603	-44425	-44068	-44155	-44111	1112.97900	1158.81000
1.450	-1.725	-1.26800	-1.26436	-1.26312	-1.26374	-27761	-27500	-27609	-27555	1114.07300	1158.33000
1.449	-.724	-1.25420	-1.24993	-1.24941	-1.24967	-11649	-11384	-11478	-11431	1114.71201	1158.27600
1.450	-.271	-1.24625	-1.24201	-1.24132	-1.24167	-03412	-03202	-03290	-03246	1113.29401	1158.22701
1.450	.768	-1.25210	-1.24788	-1.24726	-1.24757	12768	12818	12762	12790	1112.57800	1158.76500
1.450	1.777	-1.25310	-1.25047	-1.24997	-1.25022	29129	29190	29131	29160	1110.90900	1158.63400
1.450	2.768	-1.25478	-1.25259	-1.25134	-1.25196	44861	44906	44817	44861	1107.72099	1158.20500
1.450	3.794	-1.25351	-1.25139	-1.25033	-1.25086	61223	61240	61188	61214	1103.31599	1158.14700
	GRADIENT	.00469	.00461	.00456	.00459	16177	16128	16134	16131	-.85799	-.02069



## IA310 (AEDC 16TF-783) PROBE CALIBRATION

(UCMO58) ( 04 OCT 91 )

## PARAMETRIC DATA

ALPHA = -8.000 PHI = 180.000

MACH	BETA	DPACAL	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
1.469	-3.779	-1.32508	-1.32231	-1.32093	-1.32162	-62501	-62180	-62269	-62225	1105.19600	1148.21672
1.469	-2.756	-1.31080	-1.30858	-1.30746	-1.30820	-45740	-45474	-45590	-45532	1108.08501	1148.11325
1.470	-1.751	-1.30243	-1.29997	-1.29883	-1.29940	-28733	-28606	-28705	-28655	1110.30200	1148.25621
1.470	-1.739	-1.29478	-1.29249	-1.29134	-1.29191	-12246	-11989	-12093	-12041	1111.43500	1148.16594
1.469	-2.254	-1.31073	-1.30849	-1.30710	-1.30779	-02676	-02349	-02444	-02396	1111.42101	1148.35963
1.469	.796	-1.31653	-1.31427	-1.31318	-1.31372	-14278	-14334	-14259	-14296	1109.67400	1148.56691
1.470	1.798	-1.31620	-1.31392	-1.31292	-1.31342	-31245	-31296	-31237	-31266	1107.35600	1148.04492
1.470	2.797	-1.31655	-1.31377	-1.31243	-1.31310	-48081	-48031	-47954	-47993	1104.50101	1148.14970
1.470	3.814	-1.31538	-1.31237	-1.31126	-1.31181	-64712	-64625	-64567	-64596	1100.92000	1148.19511
	GRADIENT	-0.0040	-0.0035	-0.0037	-0.0036	-16823	-16769	-16776	-16773	-65114	-0.00158

MACH	BETA	DPACAL	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
1.498	-3.792	-1.35485	-1.35192	-1.35088	-1.35140	-63566	-63101	-63233	-63167	1096.44000	1147.79013
1.497	-2.773	-1.34147	-1.33879	-1.33762	-1.33821	-46076	-45686	-45803	-45745	1097.30400	1147.23509
1.497	-1.764	-1.33167	-1.32916	-1.32791	-1.32853	-29157	-28951	-29049	-29000	1098.74899	1146.97708
1.496	-1.758	-1.32513	-1.32216	-1.32104	-1.32160	-12244	-11984	-12083	-12034	1100.13600	1147.17892
1.494	-2.240	-1.32221	-1.31961	-1.31837	-1.31899	-02701	-02362	-02468	-02415	1098.68201	1147.66681
1.495	.813	-1.33290	-1.33005	-1.32883	-1.32944	-14441	-14546	-14459	-14502	1097.86501	1147.76425
1.496	1.807	-1.33311	-1.33068	-1.32938	-1.33003	-31787	-31738	-31653	-31695	1096.05099	1147.45732
1.495	2.811	-1.33410	-1.33160	-1.33032	-1.33096	-48665	-48473	-48404	-48439	1094.17300	1147.19783
1.496	3.820	-1.33202	-1.32955	-1.32823	-1.32889	-65296	-65266	-65196	-65231	1090.46700	1146.60088
	GRADIENT	.00184	.00179	.00182	.00180	-16954	-16875	-16883	-16879	-73752	-0.06508

MACH	BETA	DPACAL	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
1.521	-3.835	-1.41876	-1.41427	-1.41321	-1.41374	-67973	-67590	-67738	-67664	1094.10100	1142.48389
1.521	-2.770	-1.43008	-1.42524	-1.42420	-1.42472	-49021	-48576	-48686	-48631	1096.61099	1142.84561
1.520	-1.767	-1.43047	-1.42571	-1.42482	-1.42527	-30572	-30265	-30377	-30321	1098.89900	1142.55132
1.520	-1.756	-1.43159	-1.42707	-1.42604	-1.42655	-12577	-12234	-12352	-12293	1100.58900	1142.67285
1.520	-2.234	-1.49237	-1.48754	-1.48683	-1.48718	-02785	-02484	-02586	-02535	1104.57001	1143.20517
1.521	.803	-1.49639	-1.49161	-1.49099	-1.49130	-16138	-16141	-16062	-16101	1103.90199	1143.01251
1.521	1.812	-1.50076	-1.49597	-1.49502	-1.49550	-35589	-35504	-35418	-35461	1103.14301	1143.38101
1.520	2.823	-1.48737	-1.48255	-1.48181	-1.48218	-54417	-54181	-54165	-54173	1100.53600	1143.09613
1.520	3.821	-1.47751	-1.47268	-1.47185	-1.47226	-72485	-72383	-72375	-72329	1096.73300	1143.08263
	GRADIENT	-0.01054	-0.01051	-0.01055	-0.01053	-18411	-18320	-18330	-18325	-57550	-0.08891

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(UCM058) ( 04 OCT 91 )

PARAMETRIC DATA

ALPHA = -8.000 PHI = 180.000

RUN NO. 1681/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	DPACAL	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
1.543	-3.791	-1.62912	-1.62378	-1.62336	-1.62357	-1.77259	-1.76887	-1.77011	-1.76949	1111.86301	1138.09276
1.545	-2.772	-1.59901	-1.59182	-1.59190	-1.59187	-1.57505	-1.57189	-1.57306	-1.57247	1109.51401	1135.43391
1.544	-1.765	-1.58739	-1.58022	-1.57952	-1.57987	-1.37743	-1.37501	-1.37604	-1.37553	1110.07201	1135.76099
1.543	-1.758	-1.57502	-1.56793	-1.56747	-1.56770	-1.17372	-1.17146	-1.17271	-1.17208	1110.85100	1136.20688
1.542	-.236	-1.51634	-1.51068	-1.50986	-1.51027	-.04144	-.03942	-.04035	-.03988	1112.32600	1137.15265
1.544	.806	-1.52982	-1.52384	-1.52316	-1.52350	1.46713	1.46889	1.4614	1.4652	1112.53101	1136.94943
1.543	1.817	-1.53212	-1.52599	-1.52521	-1.52560	1.35589	1.35583	1.35500	1.35542	1111.97301	1136.97073
1.543	2.816	-1.56218	-1.55621	-1.55547	-1.55584	1.56301	1.56069	1.56021	1.56045	1111.58400	1136.84470
1.544	3.829	-1.59500	-1.58832	-1.58795	-1.58814	1.78498	1.78196	1.78172	1.78184	1110.71001	1136.53670
	GRADIENT	.00676	.00675	.00679	.00677	.20420	.20326	.20339	.20333	.11150	.01198

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(UCM059) ( 04 OCT 91 )

PARAMETRIC DATA

ALPHA = 2.000 PHI = 180.000

RUN NO. 1676/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	DPACAL	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
.600	-4.121	.14554	.14504	.14671	.14587	-.35933	-.35666	-.35631	-.35648	1592.43800	1597.48000
.600	-3.141	.14225	.14270	.14440	.14355	-.26768	-.26623	-.26636	-.26630	1594.15100	1597.14999
.600	-2.191	.14185	.14263	.14406	.14334	-.17947	-.17793	-.17813	-.17803	1595.35001	1596.96001
.600	-1.256	.14493	.14554	.14709	.14632	-.09473	-.09287	-.09290	-.09289	1595.88699	1597.10001
.600	-.303	.15402	.15472	.15639	.15555	-.00955	-.00752	-.00784	-.00768	1596.12199	1596.67999
.600	.734	.16861	.16913	.17128	.17021	.08135	.08218	.08225	.08221	1596.18900	1597.11000
.600	1.785	.17648	.17706	.17923	.17814	.17937	.17959	.17967	.17963	1595.96800	1596.82001
.600	2.833	.18523	.18619	.18782	.18701	.27650	.27735	.27741	.27738	1595.05099	1596.52000
.600	3.873	.18943	.18956	.19122	.19039	.37074	.37057	.37081	.37069	1593.06599	1597.12000
	GRADIENT	.00668	.00673	.00677	.00675	.09102	.09074	.09075	.09075	.10221	-.05924

(UCM059) ( 04 OCT 91 )

PARAMETRIC DATA

ALPHA = 2.000 PHI = 180.000

RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	DPACAL	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
.799	-4.086	.18159	.18205	.18342	.18274	-.42286	-.42078	-.42119	-.42099	1335.72099	1340.74001
.800	-3.097	.17852	.17808	.18020	.17914	-.31398	-.31292	-.31315	-.31304	1338.01900	1341.45000
.800	-2.136	.17540	.17596	.17795	.17696	-.20925	-.20724	-.20734	-.20729	1339.60699	1341.52000
.800	-1.188	.17856	.17929	.18144	.18036	-.10767	-.10531	-.10554	-.10543	1340.04700	1341.14000
.800	-.228	.18560	.18685	.18838	.18761	-.00474	-.00210	-.00229	-.00220	1339.94701	1341.03999
.800	.795	.19829	.19931	.20092	.20012	.10463	.10553	.10572	.10563	1339.98000	1341.06000
.800	1.840	.20627	.20653	.20810	.20732	.21837	.21930	.21922	.21926	1339.50400	1340.85001
.800	2.888	.21442	.21444	.21588	.21516	.33470	.33539	.33514	.33526	1338.49600	1340.73000
.800	3.918	.22079	.22112	.22255	.22184	.44838	.44725	.44707	.44716	1336.43700	1340.89999
	GRADIENT	.00581	.00582	.00576	.00579	.10849	.10819	.10821	.10820	.05719	-.04940

RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	DPACAL	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
.900	-4.089	.18771	.18685	.18847	.18766	-.44173	-.43772	-.43780	-.43776	1268.00999	1273.16000
.900	-3.100	.18507	.18409	.18569	.18489	-.32847	-.32557	-.32583	-.32570	1270.30000	1273.50000
.900	-2.142	.18318	.18214	.18387	.18300	-.21679	-.21453	-.21466	-.21460	1271.20700	1273.17000
.900	-1.199	.18710	.18525	.18701	.18613	-.11104	-.10880	-.10884	-.10882	1271.70300	1273.12000
.900	-.236	.19626	.19440	.19597	.19518	-.00469	-.00297	-.00317	-.00307	1271.86800	1273.03999
.900	.798	.20738	.20559	.20734	.20646	.11068	.11050	.11068	.11059	1271.71600	1272.89000
.900	1.841	.21525	.21385	.21554	.21470	.22708	.22779	.22783	.22781	1271.56900	1272.80000
.900	2.881	.22372	.22239	.22403	.22321	.34622	.34677	.34673	.34675	1270.77200	1273.06000
.900	3.911	.23080	.22988	.23163	.23076	.46338	.46274	.46295	.46285	1268.73399	1272.86000
	GRADIENT	.00625	.00622	.00623	.00623	.11274	.11222	.11226	.11224	.07594	-.05788

RN/L = 2.51 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	DPACAL	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
1.099	-4.031	.20639	.20459	.20635	.20547	-.44035	-.43690	-.43662	-.43676	1200.04401	1204.87300
1.100	-3.023	.19989	.19791	.19960	.19875	-.32336	-.32115	-.32114	-.32115	1201.89200	1204.70300
1.100	-2.051	.19599	.19335	.19505	.19420	-.20844	-.20713	-.20704	-.20709	1202.96700	1204.70399
1.100	-1.082	.19652	.19368	.19543	.19456	-.09906	-.09749	-.09736	-.09743	1203.67200	1204.82899
1.100	-.106	.19961	.19694	.19868	.19781	.01014	.00925	.00964	.00945	1203.80000	1204.74001
1.100	.920	.20524	.20226	.20422	.20324	.12522	.12460	.12487	.12473	1203.76601	1204.82300
1.099	1.944	.20746	.20529	.20701	.20615	.24109	.24067	.24114	.24091	1203.48801	1204.67000
1.100	2.966	.21585	.21370	.21554	.21462	.36049	.35994	.35954	.35974	1202.64799	1204.68401
1.100	3.982	.22126	.21908	.22078	.21993	.47920	.47740	.47786	.47763	1200.57899	1204.67900
	GRADIENT	.00233	.00232	.00232	.00232	.11420	.11362	.11363	.11362	.08777	-.01521

IA310 (AEDC 16TF-783) PROBE CALIBRATION (UCM059) ( 04 OCT 91 )

PARAMETRIC DATA

ALPHA = 2.000 PHI = 180.000  
RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	DPACAL	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
1.250	-4.076	.21231	.21061	.21229	.21145	-.48135	-.47877	-.47879	-.47878	1176.29900	1182.40199
1.250	-3.075	.20577	.20445	.20629	.20537	-.35602	-.35485	-.35394	-.35439	1178.24699	1182.60500
1.250	-2.107	.20355	.20244	.20422	.20333	-.23278	-.23198	-.23201	-.23199	1179.59000	1182.36301
1.250	-1.162	.20575	.20480	.20652	.20566	-.11874	-.11680	-.11691	-.11685	1180.40601	1182.60800
1.250	-.197	.21540	.21429	.21590	.21510	.00088	.00313	.00323	.00318	1180.81900	1182.75800
1.250	.834	.22631	.22526	.22687	.22606	.12719	.12736	.12771	.12753	1180.46001	1182.34399
1.250	1.866	.23520	.23348	.23533	.23440	.25497	.25479	.25521	.25500	1180.24899	1182.32001
1.250	2.910	.24210	.24049	.24225	.24137	.38838	.38613	.38660	.38637	1179.37500	1182.82800
1.250	3.938	.24919	.24714	.24899	.24807	.51773	.51533	.51561	.51547	1177.26900	1182.51601
	GRADIENT	.00571	.00565	.00565	.00565	.12429	.12372	.12374	.12373	.13546	.01285

RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	DPACAL	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
1.400	-4.068	.24319	.24046	.24249	.24148	-.55095	-.54546	-.54709	-.54628	1159.18900	1164.48900
1.400	-3.065	.23484	.23185	.23388	.23287	-.40449	-.39906	-.40066	-.39986	1160.59900	1164.03900
1.400	-2.100	.23029	.22761	.22952	.22856	-.26137	-.25810	-.25932	-.25871	1161.19400	1164.08800
1.400	-1.151	.23488	.23196	.23398	.23297	-.13116	-.12729	-.12879	-.12804	1161.73100	1164.26500
1.400	-.177	.24346	.24049	.24240	.24144	.00788	.00885	.00768	.00827	1162.04700	1164.47400
1.400	.855	.25227	.24925	.25136	.25030	.15174	.15312	.15209	.15261	1161.67799	1164.10899
1.400	1.884	.26020	.25729	.25909	.25819	.29519	.29693	.29576	.29635	1161.98399	1164.52000
1.400	2.919	.27320	.27028	.27217	.27123	.44588	.44647	.44541	.44594	1161.69501	1164.21001
1.400	3.945	.28136	.27821	.28038	.27929	.59647	.59703	.59576	.59640	1160.00200	1163.87300
	GRADIENT	.00579	.00575	.00575	.00575	.14233	.14167	.14173	.14170	.13018	-.02130

RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	DPACAL	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
1.450	-4.110	.24369	.24110	.24285	.24198	-.59552	-.59116	-.59281	-.59198	1152.14400	1158.09399
1.449	-3.124	.23735	.23560	.23753	.23657	-.43927	-.43617	-.43754	-.43686	1154.37100	1158.75400
1.450	-2.172	.23440	.23269	.23469	.23369	-.28953	-.28719	-.28886	-.28802	1153.93401	1158.52600
1.449	-1.245	.24215	.24013	.24196	.24104	-.15014	-.14655	-.14802	-.14728	1154.24699	1158.39301
1.449	-.287	.25671	.25591	.25751	.25671	.00372	.00033	-.00104	-.00036	1154.67300	1158.38499
1.450	.743	.27258	.27133	.27326	.27230	.15184	.15412	.15291	.15351	1154.30099	1158.30299
1.450	1.791	.28481	.28265	.28440	.28353	.31098	.31174	.31039	.31106	1154.21300	1158.10800
1.450	2.852	.30107	.29908	.30000	.29904	.47657	.47572	.47430	.47501	1155.64700	1158.61400
1.449	3.891	.30809	.30507	.30684	.30595	.63595	.63815	.63679	.63747	1154.40100	1158.89200
	GRADIENT	.00975	.00965	.00964	.00964	.15333	.15291	.15294	.15293	.22321	.03194

IA310 (AEDC 16TF-783) PROBE CALIBRATION (UCM059) ( 04 OCT 91 )

## PARAMETRIC DATA

ALPHA = 2.000 PHI = 180.000

MACH	BETA	RUN NO. 1703/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00									
		DPACAL	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
1.484	-4.105	.24548	.24373	.24561	.24467	-.60180	-.59767	-.59950	-.59859	1145.94800	1167.71589
1.470	-3.111	.23937	.23755	.23937	.23846	-.44517	-.44006	-.44161	-.44084	1146.52901	1148.77704
1.470	-2.157	.23774	.23532	.23700	.23616	-.29607	-.29216	-.29378	-.29297	1147.56000	1148.69630
1.470	-1.226	.24593	.24340	.24527	.24433	-.15054	-.14759	-.14918	-.14838	1147.09000	1148.77380
1.485	-.265	.25948	.25689	.25867	.25778	-.00017	.00176	.00017	.00097	1146.67700	1166.89597
1.471	.759	.27703	.27409	.27606	.27508	.15722	.15590	.15553	.15622	1147.45900	1148.69275
1.470	1.813	.29013	.28719	.28916	.28818	.31803	.32067	.31926	.31997	1148.36600	1148.83116
1.470	2.863	.30044	.29792	.29987	.29890	.48153	.48283	.48156	.48220	1147.92000	1148.75305
1.484	3.899	.30527	.30483	.30652	.30567	.65003	.65051	.64933	.64992	1147.67400	1167.18317
	GRADIENT	.00936	.00939	.00940	.00940	.15573	.15521	.15528	.15524	.21781	.01880

MACH	BETA	RUN NO. 1696/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00									
		DPACAL	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
1.495	-4.100	.25420	.25253	.25409	.25331	-.63436	-.63019	-.63194	-.63107	1136.63400	1146.07716
1.495	-3.103	.25070	.24925	.25097	.25011	-.47678	-.47106	-.47286	-.47196	1137.22501	1146.32483
1.495	-2.146	.24942	.24782	.24954	.24868	-.31862	-.31424	-.31591	-.31508	1137.23500	1145.84309
1.494	-1.213	.25921	.25755	.25909	.25832	-.16501	-.16194	-.16354	-.16274	1137.09000	1144.45731
1.494	-.258	.27707	.27545	.27726	.27635	-.00888	-.00674	-.00818	-.00746	1137.21500	1144.92178
1.495	.779	.29474	.29264	.29427	.29346	.16591	.16585	.16441	.16513	1137.49699	1146.12314
1.495	1.819	.30760	.30520	.30686	.30603	.33414	.33587	.33432	.33510	1138.41400	1146.38834
1.495	2.874	.31925	.31723	.31887	.31805	.50999	.51042	.50916	.50979	1139.15601	1146.12791
1.495	3.907	.32483	.32360	.32532	.32446	.68398	.68379	.68247	.68313	1138.07800	1146.34996
	GRADIENT	.01071	.01068	.01069	.01069	.16484	.16414	.16421	.16417	.24063	.05815

MACH	BETA	RUN NO. 1691/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00									
		DPACAL	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
1.521	-4.099	.29823	.29661	.29822	.29742	-.72380	-.71767	-.71946	-.71856	1128.77100	1143.26253
1.521	-3.103	.30173	.30112	.30258	.30185	-.56724	-.56200	-.56396	-.56298	1129.49001	1143.38091
1.521	-2.151	.30541	.30533	.30692	.30613	-.38312	-.37835	-.38013	-.37924	1129.14400	1143.24701
1.521	-1.215	.31275	.31258	.31406	.31332	-.19608	-.19388	-.19552	-.19470	1128.94200	1142.98817
1.521	-.256	.33154	.33134	.33291	.33212	-.02401	-.02048	-.02220	-.02134	1129.02299	1142.86571
1.521	.778	.35419	.35373	.35450	.35411	.17059	.17124	.16966	.17045	1129.21500	1143.46280
1.521	1.826	.36722	.36589	.36753	.36671	.38717	.38615	.38479	.38547	1129.57401	1143.49106
1.521	2.875	.36799	.36591	.36745	.36668	.59346	.59356	.59220	.59288	1130.07800	1143.05910
1.521	3.907	.36505	.36192	.36369	.36281	.78306	.78194	.78068	.78131	1130.00101	1143.24898
	GRADIENT	.01052	.01030	.01030	.01030	.19062	.18965	.18975	.18971	.13228	-.00034

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(UCM059) ( 04 OCT 91 )

PARAMETRIC DATA

ALPHA = 2.000 PHI = 180.000

RUN NO. 1684/ O RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	DPACAL	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
1.544	-4.099	.33497	.33434	.33575	.33505	-.65050	-.64635	-.64816	-.64726	1120.84700	1137.05458
1.544	-3.108	.24584	.24614	.24766	.24690	-.39336	-.38875	-.39046	-.38960	1122.25800	1136.99420
1.544	-2.147	.21132	.21017	.21157	.21087	-.23510	-.23255	-.23421	-.23338	1122.52699	1137.15039
1.543	-1.209	.20282	.20268	.20436	.20352	-.12108	-.11719	-.11882	-.11801	1120.63901	1137.18553
1.543	-.250	.21483	.21455	.21599	.21527	-.01423	-.01061	-.01234	-.01148	1120.43401	1136.98732
1.543	.782	.23019	.22879	.23037	.22958	.11016	.11121	.10981	.11051	1120.78300	1137.59277
1.544	1.820	.25229	.25166	.25335	.25250	.24113	.24317	.24187	.24252	1123.32300	1137.48898
1.543	2.879	.30603	.30447	.30600	.30524	.41292	.41193	.41041	.41117	1123.08200	1137.31323
1.544	3.907	.34229	.34128	.34238	.34183	.61765	.61651	.61533	.61592	1122.17500	1137.28635
	GRADIENT	.00566	.00553	.00552	.00553	.14480	.14409	.14416	.14413	.16339	.04929

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(UCM060) ( 04 OCT 91 )

PARAMETRIC DATA

BETA = -1.000 PHI = 180.000

RUN NO. 1729/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DPACAL	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
1.250	-5.036	.65798	.65675	.65511	.65593	-.09534	-.09389	-.09331	-.09360	1165.03200	1182.73900
1.250	-4.776	.62359	.62263	.62070	.62166	-.09564	-.09415	-.09364	-.09390	1166.18700	1182.47099
1.250	-4.525	.59321	.59215	.59040	.59127	-.09296	-.09119	-.09069	-.09094	1167.40601	1182.56500
1.249	-4.279	.56192	.56134	.55975	.56054	-.09349	-.09177	-.09133	-.09155	1168.65800	1182.44800
1.250	-4.029	.52945	.52874	.52705	.52789	-.09113	-.08943	-.08912	-.08927	1169.97800	1182.79500
1.250	-3.788	.49832	.49751	.49595	.49673	-.09178	-.09009	-.08974	-.08992	1171.13300	1182.57100
1.250	-3.537	.46524	.46457	.46293	.46375	-.09200	-.09002	-.08963	-.08983	1172.35300	1182.24600
1.250	-3.289	.43313	.43261	.43099	.43180	-.09137	-.08949	-.08927	-.08938	1173.56200	1182.26300
1.250	-3.041	.40118	.40006	.39846	.39926	-.09147	-.08954	-.08922	-.08938	1174.44501	1182.66701
	GRADIENT	.12880	.12874	.12860	.12867	.00197	.00219	.00204	.00211	4.84789	-.04647

IA310 (AEDC 16TF-783) TABULATED DATA

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(UCM061) ( 04 OCT 91 )

PARAMETRIC DATA

BETA = -.750 PHI = 180.000

MACH	ALPHA	DPACAL	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
1.250	-5.032	-.65587	-.65445	-.65282	-.65364	-.06130	-.06036	-.05979	-.06008	1165.25301	1182.74001
1.250	-4.767	-.62182	-.62055	-.61897	-.61976	-.06319	-.06164	-.06126	-.06145	1166.47600	1182.53200
1.250	-4.519	-.59196	-.59057	-.58907	-.58982	-.06185	-.05998	-.05956	-.05977	1167.60400	1182.67101
1.250	-4.271	-.55906	-.55867	-.55716	-.55792	-.06106	-.05981	-.05921	-.05951	1168.89000	1182.67101
1.250	-4.022	-.52825	-.52723	-.52551	-.52637	-.05903	-.05755	-.05708	-.05732	1170.11301	1182.66200
1.250	-3.774	-.49518	-.49442	-.49277	-.49359	-.05816	-.05636	-.05615	-.05626	1171.49899	1182.46600
1.250	-3.525	-.46259	-.46190	-.46026	-.46108	-.05927	-.05769	-.05719	-.05744	1172.67500	1182.48199
1.250	-3.276	-.43144	-.43064	-.42886	-.42975	-.05903	-.05718	-.05674	-.05696	1173.81700	1182.70100
1.250	-3.027	-.39847	-.39757	-.39570	-.39664	-.05790	-.05629	-.05609	-.05619	1174.84801	1182.73801
	GRADIENT	.12874	.12851	.12869	.12860	.00274	.00282	.00274	.00278	4.90353	.03950

RUN NO. 1730/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(UCM062) ( 04 OCT 91 )

PARAMETRIC DATA

BETA = -.500 PHI = 180.000

MACH	ALPHA	DPACAL	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
1.250	-5.016	-.65317	-.65196	-.65043	-.65120	-.03152	-.03098	-.03049	-.03073	1165.27699	1182.69099
1.250	-4.758	-.61940	-.61828	-.61677	-.61753	-.03030	-.02970	-.02924	-.02947	1166.52901	1182.43401
1.250	-4.511	-.58933	-.58804	-.58640	-.58722	-.02866	-.02718	-.02668	-.02693	1167.74800	1182.62900
1.250	-4.259	-.55736	-.55684	-.55518	-.55601	-.02961	-.02802	-.02763	-.02782	1169.14900	1182.50900
1.250	-4.007	-.52445	-.52356	-.52207	-.52281	-.02858	-.02731	-.02666	-.02698	1170.30000	1182.48199
1.250	-3.760	-.49359	-.49265	-.49112	-.49189	-.02807	-.02643	-.02608	-.02625	1171.65700	1182.67700
1.250	-3.513	-.46111	-.46055	-.45900	-.45977	-.02622	-.02481	-.02444	-.02463	1172.94400	1182.54401
1.250	-3.261	-.42881	-.42763	-.42589	-.42676	-.02617	-.02475	-.02442	-.02458	1174.05200	1182.78101
1.250	-3.019	-.39604	-.39490	-.39329	-.39410	-.02645	-.02451	-.02401	-.02426	1174.89101	1182.50900
	GRADIENT	.12847	.12845	.12850	.12848	.00240	.00282	.00278	.00280	4.91782	.07601

RUN NO. 1731/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(UCM063) ( 04 OCT 91 )

PARAMETRIC DATA

BETA = -.250 PHI = 180.000

RUN NO. 1732/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DPACAL	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
1.250	-5.009	-.65127	-.65015	-.64868	-.64942	.00028	.00094	.00157	.00126	1165.37700	1182.64600
1.250	-4.752	-.61761	-.61636	-.61479	-.61557	.00162	.00229	.00288	.00259	1166.58600	1182.47200
1.250	-4.500	-.58724	-.58575	-.58418	-.58496	.00210	.00306	.00340	.00323	1167.91901	1182.36200
1.249	-4.249	-.55471	-.55404	-.55238	-.55321	.00295	.00390	.00439	.00415	1169.24001	1182.52499
1.250	-4.002	-.52251	-.52159	-.52006	-.52083	.00295	.00435	.00484	.00459	1170.44800	1182.41000
1.250	-3.751	-.49090	-.48986	-.48826	-.48906	.00493	.00492	.00587	.00540	1171.96001	1182.81300
1.250	-3.500	-.45897	-.45819	-.45660	-.45739	.00295	.00459	.00538	.00498	1172.83299	1182.32401
1.250	-3.254	-.42653	-.42540	-.42360	-.42450	.00265	.00457	.00534	.00495	1173.93100	1182.36400
1.250	-3.003	-.39443	-.39326	-.39152	-.39239	.00322	.00466	.00555	.00510	1175.07300	1182.51900
	GRADIENT	.12801	.12791	.12802	.12797	.00076	.00127	.00154	.00141	4.85221	.00634

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(UCM064) ( 04 OCT 91 )

PARAMETRIC DATA

BETA = .000 PHI = 180.000

RUN NO. 1733/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DPACAL	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
1.250	-5.001	-.64920	-.64779	-.64622	-.64701	.03190	.03083	.03150	.03117	1165.44400	1182.71899
1.250	-4.738	-.61565	-.61443	-.61282	-.61363	.03451	.03395	.03453	.03424	1166.74400	1182.53600
1.250	-4.492	-.58588	-.58452	-.58313	-.58383	.03402	.03298	.03365	.03331	1167.88600	1182.41800
1.250	-4.240	-.55258	-.55179	-.55035	-.55107	.03609	.03503	.03552	.03528	1169.20599	1182.41499
1.250	-3.993	-.52154	-.52058	-.51891	-.51975	.03494	.03463	.03542	.03503	1170.60600	1182.40601
1.250	-3.737	-.48866	-.48804	-.48623	-.48714	.03446	.03470	.03524	.03497	1171.98300	1182.69501
1.250	-3.490	-.45602	-.45523	-.45338	-.45431	.03605	.03603	.03667	.03635	1173.05800	1182.54700
1.250	-3.239	-.42406	-.42280	-.42127	-.42203	.03540	.03572	.03615	.03593	1173.91100	1182.41299
1.249	-2.988	-.39233	-.39121	-.38942	-.39031	.03505	.03516	.03574	.03545	1175.19701	1182.53500
	GRADIENT	.12818	.12811	.12827	.12819	.00048	.00120	.00115	.00118	4.86207	.03118



( UCM065 ) ( 04 OCT 91 )

PARAMETRIC DATA

BETA = .250 PHI = 180.000

RUN NO. 1734/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DPACAL	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
1.249	-4.991	-64696	-64574	-64415	-64495	.06440	.06340	.06401	.06371	1165.22701	1182.55400
1.250	-4.732	-61314	-61192	-61043	-61118	.06588	.06492	.06545	.06519	1166.48900	1182.48199
1.250	-4.485	-58250	-58129	-57955	-58042	.06770	.06656	.06735	.06695	1167.93300	1182.50600
1.250	-4.232	-55019	-54967	-54787	-54877	.06756	.06753	.06793	.06773	1169.20900	1182.58299
1.250	-3.979	-51859	-51744	-51575	-51659	.06835	.06804	.06858	.06831	1170.55200	1182.45100
1.250	-3.732	-48613	-48529	-48371	-48450	.06728	.06696	.06763	.06729	1171.85201	1182.58299
1.250	-3.479	-45391	-45298	-45128	-45213	.06708	.06658	.06735	.06696	1173.19600	1182.58600
1.250	-3.226	-42198	-42094	-41931	-42012	.06547	.06552	.06619	.06585	1174.13600	1182.89600
1.250	-2.977	-38971	-38867	-38695	-38781	.06497	.06539	.06565	.06552	1175.13400	1182.46100
	GRADIENT	.12750	.12741	.12745	.12743	-.00003	.00061	.00056	.00059	5.01999	.06830

IA310 (AEDC 16TF-783) PROBE CALIBRATION

( UCM066 ) ( 04 OCT 91 )

PARAMETRIC DATA

BETA = .500 PHI = 180.000

RUN NO. 1735/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DPACAL	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
1.250	-4.984	-64470	-64347	-64178	-64262	.09644	.09546	.09601	.09573	1165.20700	1182.50999
1.250	-4.725	-61072	-60982	-60812	-60897	.09662	.09572	.09636	.09604	1166.61700	1182.49699
1.250	-4.471	-58007	-57910	-57739	-57825	.09749	.09689	.09758	.09724	1167.79201	1182.58501
1.250	-4.221	-54782	-54716	-54563	-54639	.09824	.09778	.09836	.09807	1169.16901	1182.49600
1.250	-3.972	-51680	-51575	-51421	-51498	.10022	.09915	.09980	.09947	1170.44501	1182.43800
1.250	-3.717	-48448	-48354	-48191	-48273	.10035	.09952	.10027	.09990	1171.78900	1182.54800
1.250	-3.466	-45227	-45132	-44962	-45047	.10007	.09961	.10010	.09986	1172.86700	1182.36400
1.250	-3.210	-42013	-41884	-41700	-41792	.09762	.09691	.09752	.09722	1174.16299	1182.62500
1.250	-2.963	-38774	-38666	-38490	-38578	.09703	.09634	.09689	.09662	1175.01300	1182.57899
	GRADIENT	.12673	.12679	.12684	.12681	.00084	.00094	.00092	.00093	4.93022	.01795

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(UCM067) ( 04 OCT 91 )

PARAMETRIC DATA

BETA = .750 PHI = 180.000

RUN NO. 1736/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DPACAL	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
1.250	-4.976	-.64340	-.64189	-.64037	-.64113	-.12804	-.12776	-.12846	.12811	.1165.16701	.1182.27901
1.250	-4.715	-.60921	-.60810	-.60650	-.60730	-.12884	-.12811	-.12874	.12843	.1166.50000	.1182.54700
1.250	-4.464	-.57914	-.57795	-.57632	-.57713	-.13108	-.13028	-.13081	.13054	.1167.67500	.1182.26700
1.250	-4.212	-.54625	-.54561	-.54392	-.54476	-.13057	-.12970	-.13034	.13002	.1169.17599	.1182.55901
1.250	-3.960	-.51470	-.51370	-.51212	-.51291	-.13001	-.12942	-.12995	.12968	.1170.39600	.1182.56200
1.250	-3.708	-.48339	-.48251	-.48074	-.48163	-.13094	-.13043	-.13103	.13073	.1171.70500	.1182.54401
1.250	-3.453	-.45052	-.44968	-.44817	-.44892	-.12971	-.12891	-.12956	.12923	.1172.94800	.1182.46400
1.250	-3.203	-.41900	-.41770	-.41595	-.41683	-.12919	-.12838	-.12898	.12868	.1173.94501	.1182.41100
1.250	-2.947	-.38653	-.38537	-.38366	-.38451	-.12837	-.12749	-.12818	.12784	.1175.21201	.1182.57001
GRADIENT		.12637	.12628	.12635	.12632	.00000	-.00015	-.00015	-.00015	4.97958	.07482

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(UCM068) ( 04 OCT 91 )

PARAMETRIC DATA

BETA = 1.000 PHI = 180.000

RUN NO. 1737/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DPACAL	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
1.250	-4.968	-.64223	-.64087	-.63928	-.64008	-.16119	-.16046	-.16107	.16076	.1164.89200	.1182.43900
1.250	-4.705	-.60861	-.60742	-.60573	-.60658	-.16070	-.16022	-.16094	.16058	.1166.30200	.1182.40300
1.250	-4.455	-.57712	-.57663	-.57502	-.57583	-.16194	-.16097	-.16156	.16127	.1167.55800	.1182.45399
1.250	-4.206	-.54490	-.54436	-.54268	-.54352	-.16143	-.16088	-.16139	.16113	.1168.85400	.1182.46201
1.250	-3.950	-.51348	-.51243	-.51081	-.51162	-.16163	-.16095	-.16161	.16128	.1170.10001	.1182.54401
1.250	-3.694	-.48138	-.48048	-.47897	-.47972	-.16119	-.16046	-.16120	.16083	.1171.37300	.1182.44600
1.250	-3.440	-.44997	-.44890	-.44733	-.44811	-.16075	-.15995	-.16059	.16027	.1172.76401	.1182.57100
1.250	-3.190	-.41799	-.41722	-.41553	-.41637	-.16026	-.15940	-.16010	.15975	.1173.86200	.1182.44000
1.250	-2.938	-.38542	-.38434	-.38267	-.38351	-.15868	-.15801	-.15861	.15831	.1175.08099	.1182.59200
GRADIENT		.12607	.12601	.12602	.12601	-.00092	-.00097	-.00095	-.00096	5.02239	.06172

(UCMO69) ( 04 OCT 91 )

IA310 (AEDC 16TF-783) REPEAT RUNS

PARAMETRIC DATA

BETA = .000 PHI = 180.000

RUN NO. 1671/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DPACAL	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
.599	-7.999	-74352	-74204	-74064	-74134	.02558	.02544	.02573	.02559	1561.85400	1596.97000
.599	-6.982	-65465	-65369	-65220	-65295	.03003	.02960	.02986	.02973	1569.82800	1597.05000
.600	-5.975	-56136	-56053	-55904	-55979	.03024	.03101	.03130	.03116	1577.00600	1596.73000
.600	-4.979	-47232	-47038	-46891	-46964	.03082	.03198	.03206	.03202	1582.81700	1597.17999
.600	-3.977	-38111	-37933	-37776	-37855	.03213	.03324	.03339	.03332	1587.62000	1597.13000
.600	-2.974	-28592	-28697	-28511	-28604	.03133	.03225	.03238	.03231	1591.48199	1597.00999
.600	-1.968	-19225	-19316	-19165	-19240	.03468	.03525	.03550	.03538	1594.04500	1596.75999
.601	-.949	-99779	-99805	-99639	-99722	.03663	.03585	.03604	.03594	1595.45500	1597.09000
.600	-.078	-02830	-02861	-02782	-02782	.03999	.03286	.00295	.00290	1596.36501	1597.06000
.600	.971	.06339	.06216	.06384	.06300	-.01096	-.01096	-.01113	-.01105	1596.23199	1597.25999
.600	1.989	.15587	.15612	.15778	.15695	-.00900	-.00714	-.00739	-.00727	1596.28799	1597.11000
GRADIENT		.08998	.08969	.08971	.08970	-.00723	-.00714	-.00720	-.00717	1.84583	.00746

RUN NO. 1747/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DPACAL	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
.800	-7.999	-89440	-89193	-89117	-89155	.02700	.02767	.02794	.02781	1301.38499	1341.16000
.800	-6.978	-78679	-78401	-78282	-78342	.02527	.02465	.02504	.02484	1310.58800	1341.34000
.800	-5.977	-67420	-67259	-67111	-67185	.03028	.02982	.03006	.02994	1318.62900	1340.89999
.800	-4.976	-56563	-56488	-56340	-56414	.02998	.02944	.02965	.02954	1325.29300	1341.30000
.800	-3.981	-45691	-45578	-45432	-45505	.03191	.03134	.03158	.03146	1330.69099	1341.22000
.800	-2.974	-34386	-34310	-34160	-34235	.03102	.03165	.03180	.03173	1334.61000	1341.07001
.801	-1.972	-23287	-23251	-23111	-23181	.03232	.03298	.03328	.03313	1337.52200	1341.22000
.800	-.965	-12384	-12184	-12031	-12108	.03402	.03437	.03458	.03447	1339.19200	1340.99001
.800	.147	-00670	-00535	-00530	-00532	.01591	.01672	.01679	.01675	1339.75301	1340.66000
.800	.988	.07885	.07885	.08028	.07956	-.00662	-.00405	-.00429	-.00417	1339.89000	1340.92999
.800	1.998	.18891	.18936	.19099	.19018	-.00324	-.00060	-.00102	-.00081	1340.00500	1341.02000
GRADIENT		.10808	.10803	.10799	.10801	-.00555	-.00510	-.00518	-.00514	1.98183	-.05896

RUN NO. 1660/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DPACAL	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
.900	-8.000	-92574	-92360	-92215	-92288	.02567	.02631	.02687	.02659	1233.53600	1272.78000
.899	-6.979	-81207	-80936	-80821	-80879	.03029	.03092	.03137	.03115	1242.73199	1273.17999
.900	-5.970	-69975	-69856	-69716	-69786	.03200	.03240	.03290	.03265	1250.47000	1272.73000
.900	-4.971	-58558	-58531	-58380	-58455	.03305	.03242	.03294	.03268	1256.92599	1272.85001
.900	-3.977	-47240	-47154	-47000	-47077	.03560	.03567	.03585	.03576	1262.52599	1273.37000
.900	-2.966	-35490	-35509	-35330	-35419	.03446	.03432	.03447	.03440	1266.60400	1272.64000
.900	-1.966	-24142	-24052	-23878	-23965	.03484	.03468	.03496	.03482	1269.12601	1272.81000
.900	-.955	-12738	-12604	-12444	-12524	.03608	.03574	.03600	.03587	1271.33600	1273.07001
.900	-.086	-03576	-03468	-03286	-03377	.00050	.00112	.00129	.00120	1271.41400	1272.55000
.900	.994	.08236	.08130	.08273	.08202	-.00707	-.00533	-.00539	-.00536	1271.11800	1272.33000
.900	2.003	.19734	.19576	.19751	.19663	-.00259	-.00100	-.00112	-.00106	1272.12199	1273.53000
GRADIENT		.11193	.11171	.11172	.11171	-.00675	-.00640	-.00647	-.00644	1.99347	-.00445

IA310 (AEDC 16TF-783) REPEAT RUNS

( UCM069 ) ( 04 OCT 91 )

PARAMETRIC DATA

MACH	ALPHA	DPACAL	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
1.099	-8.003	-94055	-93989	-93845	-93917	.01053	.01038	.01117	.01077	1165.99500	1205.11900
1.101	-6.975	-82510	-82347	-82205	-82276	.01498	.01484	.01565	.01524	1175.26900	1205.08000
1.101	-5.975	-71228	-71138	-70914	-71026	.01470	.01477	.01548	.01513	1182.63901	1204.73100
1.100	-4.978	-59722	-59608	-59460	-59534	.01904	.01778	.01838	.01808	1188.99001	1204.55200
1.100	-3.968	-47841	-47812	-47643	-47727	.01985	.01875	.01955	.01915	1194.33099	1204.67000
1.100	-2.977	-36096	-35983	-35828	-35906	.02063	.01994	.02049	.02022	1198.38800	1204.65401
1.100	-1.970	-24347	-24347	-24188	-24267	.02175	.02074	.02129	.02101	1201.33400	1204.63300
1.100	-.971	-13158	-13092	-12929	-13010	.02356	.02284	.02338	.02311	1203.02699	1204.82201
1.100	.041	-02074	-02060	-01870	-01965	.02112	.02061	.02099	.02080	1203.63499	1204.80200
1.100	1.007	.08678	.08489	.08658	.08573	.01170	.01130	.01169	.01150	1203.85800	1204.75500
1.100	2.014	.20119	.19887	.20041	.19964	.01140	.01100	.01145	.01122	1203.78000	1204.74200
	GRADIENT	.11383	.11338	.11340	.11339	-.00108	-.00096	-.00100	-.00098	2.01218	.02852

BETA = .000

PHI = 180.000

GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DPACAL	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
1.250	-7.999	-102588	-102292	-102155	-102224	.02600	.02604	.02678	.02641	1142.16499	1182.51801
1.250	-6.974	-90307	-90027	-89879	-89953	.03188	.03081	.03161	.03121	1151.30701	1182.67799
1.250	-5.971	-77700	-77480	-77342	-77411	.03145	.03083	.03143	.03113	1159.89101	1182.41100
1.250	-4.969	-64768	-64596	-64456	-64526	.03440	.03346	.03410	.03378	1165.12601	1182.31599
1.250	-3.973	-52155	-52047	-51876	-51962	.03359	.03342	.03389	.03365	1170.36501	1182.59599
1.250	-2.972	-39345	-39247	-39077	-39162	.03373	.03404	.03464	.03434	1175.16100	1182.62900
1.250	-1.970	-26780	-26792	-26634	-26713	.03484	.03536	.03589	.03563	1178.25999	1182.44501
1.250	-.960	-14468	-14415	-14253	-14334	.03724	.03737	.03789	.03763	1180.35300	1182.53600
1.250	.118	-01173	-01134	-00964	-01049	.02366	.02427	.02450	.02439	1180.00301	1182.56900
1.250	.996	.09469	.09321	.09498	.09409	.00106	.00331	.00344	.00337	1181.19600	1182.47200
1.250	2.008	.21829	.21727	.21892	.21809	.00238	.00448	.00456	.00452	1180.86000	1182.77299
	GRADIENT	.12400	.12361	.12363	.12362	-.00491	-.00451	-.00459	-.00455	2.15745	.02964

GRADIENT INTERVAL = -5.00/ 5.00

GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DPACAL	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
1.400	-7.997	-116864	-116625	-116504	-116565	.03658	.03865	.03785	.03825	1122.92900	1164.16400
1.400	-6.974	-103194	-102871	-102727	-102799	.03914	.04117	.04050	.04084	1132.48199	1164.66100
1.400	-5.972	-89042	-88704	-88594	-88649	.04006	.04071	.04000	.04036	1139.60600	1163.84500
1.400	-4.974	-74864	-74584	-74419	-74501	.03784	.03821	.03731	.03776	1146.56300	1164.31200
1.400	-3.973	-60343	-60309	-60146	-60228	.04290	.04352	.04261	.04306	1152.28600	1163.94600
1.400	-2.972	-45112	-45016	-44832	-44924	.04154	.04237	.04132	.04184	1156.19600	1164.19400
1.400	-1.972	-30830	-30895	-30699	-30797	.03951	.04033	.03936	.03985	1159.05099	1164.24001
1.400	-.966	-16953	-16905	-16693	-16799	.04046	.04243	.04136	.04190	1162.48000	1164.14700
1.399	.111	-02013	-01966	-01789	-01877	.02653	.02913	.02786	.02850	1162.99800	1164.31500
1.400	.998	.10515	.10256	.10444	.10350	.00636	.00907	.00788	.00848	1163.29700	1164.20700
1.400	2.020	.24655	.24377	.24567	.24472	.00872	.01049	.00923	.00986	1161.84700	1164.29201
	GRADIENT	.14204	.14140	.14143	.14142	-.00510	-.00478	-.00484	-.00481	2.21530	.01723

(UCM069) ( 04 OCT 91 )

## PARAMETRIC DATA

BETA = .000 PHI = 180.000  
 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	RUN NO.	1705/ O	DPACAL	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
1.450	-7.994	-1.24728	-1.24304	-1.24243	-1.24273	.05157	.05260	.05182	.05221	1114.93300	1158.28400		
1.450	-6.971	-1.10133	-1.09817	-1.09705	-1.09761	.05356	.05304	.05221	.05262	1123.49600	1158.19501		
1.450	-5.968	-94792	-94639	-94485	-94562	.05539	.05507	.05424	.05465	1131.22200	1158.40601		
1.450	-4.971	-80213	-80070	-79892	-79981	.05525	.05668	.05583	.05626	1138.58800	1158.22701		
1.450	-3.968	-64940	-64882	-64734	-64808	.05863	.06053	.05951	.06002	1146.08501	1158.19901		
1.450	-2.965	-48828	-48636	-48454	-48545	.05702	.05894	.05775	.05834	1149.41000	1158.37300		
1.450	-1.961	-33518	-33556	-33374	-33465	.05694	.05918	.05822	.05870	1152.38600	1158.44600		
1.450	-.944	-18487	-18574	-18394	-18484	.06175	.06404	.06287	.06345	1159.01300	1158.11000		
1.449	-.091	-05084	-05227	-05049	-05138	.00555	.00801	.00676	.00739	1156.91299	1158.76300		
1.450	.974	10969	10764	10951	10857	-.00671	-.00255	-.00388	-.00321	1159.71100	1158.18800		
1.450	2.001	25942	25880	26044	25962	-.00177	.00245	.00088	.00166	1155.37801	1158.62601		
1.450	GRADIENT	.15259	.15213	.15214	.15213	-.01043	-.01004	-.01013	-.01008	2.58628	.04212		

GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	RUN NO.	1698/ O	DPACAL	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
1.471	-7.998	-1.28717	-1.28503	-1.28379	-1.28441	.04877	.05039	.04961	.05000	1111.54300	1150.24953		
1.471	-6.970	-1.13953	-1.13744	-1.13639	-1.13691	.04923	.05096	.05004	.05050	1121.99001	1150.38181		
1.472	-5.972	-97625	-97439	-97287	-97363	.05038	.05151	.05055	.05103	1127.98000	1150.19312		
1.471	-4.970	-81960	-81742	-81590	-81666	.05749	.05706	.05607	.05656	1133.73399	1149.99301		
1.471	-3.973	-66076	-66029	-65865	-65947	.05887	.05871	.05757	.05814	1139.41100	1150.21944		
1.471	-2.970	-49717	-49740	-49558	-49649	.06167	.06152	.06016	.06084	1142.43401	1150.17120		
1.471	-1.962	-34154	-34190	-34034	-34112	.06021	.06026	.05910	.05968	1143.94501	1150.33145		
1.470	-.947	-18575	-18688	-18511	-18600	.06406	.06402	.06276	.06339	1144.14700	1148.72302		
1.469	.149	-01888	-01887	-01720	-01804	.00913	.00913	.00913	.00975	1144.86200	1148.00964		
1.469	.980	10544	10346	10525	10436	-.00006	.00178	.00019	.00099	1144.80499	1147.43883		
1.469	2.007	26061	25799	25956	25878	.00219	.00393	.00230	.00311	1146.21600	1147.60210		
1.469	GRADIENT	.15463	.15409	.15410	.15409	-.00991	-.00960	-.00968	-.00964	1.45403	-.46148		

GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	RUN NO.	1668/ O	DPACAL	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
1.496	-7.999	-1.32751	-1.32236	-1.32144	-1.32190	.05297	.05096	.05185	.05140	1100.31599	1148.40784		
1.497	-6.971	-1.18306	-1.17829	-1.17730	-1.17779	.06387	.06229	.06285	.06257	1109.54601	1148.33621		
1.497	-5.968	-1.03124	-1.02803	-1.02676	-1.02739	.06484	.06309	.06369	.06339	1116.53101	1148.39503		
1.496	-4.966	-87453	-86986	-86879	-86933	.06384	.06344	.06384	.06364	1122.03101	1148.09933		
1.497	-3.969	-71257	-70876	-70713	-70795	.06737	.06627	.06656	.06647	1127.32600	1147.29018		
1.497	-2.967	-53925	-53735	-53600	-53667	.06930	.06802	.06838	.06820	1129.29900	1146.34537		
1.497	-1.965	-37755	-37461	-37304	-37383	.06675	.06550	.06591	.06570	1130.30701	1146.68539		
1.497	-.953	-21384	-21230	-21094	-21162	.07020	.06886	.06912	.06899	1130.57500	1147.53123		
1.497	.161	-01866	-01749	-01609	-01679	.02772	.02675	.02674	.02674	1132.53799	1147.42320		
1.496	.878	10321	10256	10402	10329	.01540	.01447	.01447	.01442	1131.77100	1147.42545		
1.496	1.999	28164	28003	28164	28083	-.00510	-.00414	-.00435	-.00424	1133.18600	1147.46826		
1.496	GRADIENT	.16666	.16582	.16586	.16584	-.01040	-.01019	-.01027	-.01023	1.32951	.00390		

## IA310 (AEDC 16TF-783) REPEAT RUNS

(UCM069) ( 04 OCT 91 )

## PARAMETRIC DATA

BETA = .000 PHI = 180.000

MACH	ALPHA	DPACAL	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
1.520	-7.997	-1.43389	-1.42929	-1.42839	-1.42884	.05842	.05955	.05856	.05906	1101.00000	1142.22244
1.520	-6.969	-1.30249	-1.29835	-1.29736	-1.29786	.06390	.06530	.06440	.06485	1110.20900	1141.90816
1.520	-5.968	-1.15625	-1.15042	-1.14916	-1.14979	.06296	.06324	.06231	.06278	1119.07800	1142.21899
1.520	-4.966	-98955	-98580	-98455	-98518	.06148	.06108	.06009	.06059	1122.93201	1141.91878
1.520	-3.970	-82760	-82325	-82175	-82250	.06559	.06499	.06386	.06443	1126.04601	1141.78221
1.520	-2.967	-63032	-62717	-62566	-62641	.06227	.06331	.06214	.06272	1127.33299	1142.12306
1.520	-1.965	-41809	-41582	-41433	-41508	.05233	.05355	.05225	.05290	1128.61501	1142.12224
1.520	.163	-19112	-19091	-18936	-19014	.03560	.03689	.03567	.03628	1128.60300	1142.31921
1.520	.984	.09723	.09592	.09771	.09682	.00934	.01119	.00986	.01053	1129.25500	1141.99414
1.520	2.000	.29858	.29906	.30049	.29978	.01250	.01038	.00967	.00967	1129.74200	1142.40054
	GRADIENT	.18786	.18713	.18711	.18712	.01461	.01396	.01404	.03002	1128.64700	1142.24260
									.01400	.77977	.06088

MACH	ALPHA	DPACAL	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
1.545	-7.992	-1.56301	-1.55680	-1.55607	-1.55643	.05487	.05584	.05510	.05547	1112.14999	1135.98326
1.542	-6.974	-1.31451	-1.30891	-1.30795	-1.30843	.05871	.05913	.05828	.05871	1116.32600	1136.43317
1.543	-5.972	-1.04371	-1.03942	-1.03809	-1.03876	.03894	.03923	.03815	.03869	1117.21001	1136.02274
1.543	-4.971	-81404	-81115	-80985	-81050	.02047	.02125	.02024	.02074	1117.53200	1135.75661
1.543	-3.969	-61385	-61092	-60947	-61019	.02939	.02975	.02863	.02919	1118.24800	1135.19360
1.542	-2.968	-41415	-41160	-41017	-41088	.03062	.03159	.03044	.03101	1120.54201	1135.76976
1.542	-1.960	-26334	-26245	-26091	-26168	.02498	.02463	.02332	.02397	1118.74800	1135.64491
1.543	.164	-14656	-14396	-14251	-14323	.03473	.03556	.03432	.03494	1118.05200	1135.44736
1.543	.983	.10518	.10429	.10596	.10512	.02357	.02520	.02385	.02453	1119.80901	1136.21504
1.543	1.994	.20654	.20616	.20785	.20701	.01576	.01273	.01441	.01357	1119.10001	1136.21790
	GRADIENT	.14441	.14383	.14388	.14386	.00566	.00523	.00531	.00527	1120.00700	1136.50880
										.22405	.13736

RUN NO. 1679/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

RUN NO. 1686/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

(UCMO70) ( 04 OCT 91 )

PARAMETRIC DATA

ALPHA = -4.000 PHI = 180.000

RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	DPACAL	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
.601	-3.798	-4.1344	-4.1204	-4.1053	-4.1128	-3.4654	-3.4566	-3.4565	-3.4566	1581.78000	1597.25000
.601	-2.772	-4.0524	-4.0327	-4.0164	-4.0246	-2.5165	-2.5097	-2.5097	-2.5097	1584.23199	1597.25999
.601	-1.749	-3.9774	-3.9604	-3.9442	-3.9523	-1.5656	-1.5494	-1.5490	-1.5492	1586.05901	1596.64999
.601	-1.732	-3.8929	-3.8749	-3.8590	-3.8669	-0.6331	-0.6095	-0.6076	-0.6086	1587.15700	1597.17999
.601	-.290	-3.8326	-3.8115	-3.7968	-3.8042	-0.1536	-0.1275	-0.1273	-0.1274	1587.44600	1597.07001
.600	.738	-3.8751	-3.8550	-3.8404	-3.8477	.07924	.08003	.08036	.08020	1587.11000	1596.82001
.600	1.758	-3.9335	-3.9166	-3.9004	-3.9085	.17528	.17546	.17573	.17560	1585.71001	1596.73000
.600	2.783	-3.9636	-3.9457	-3.9308	-3.9382	.27294	.27349	.27343	.27346	1583.88200	1597.25999
.600	3.824	-3.9862	-3.9774	-3.9611	-3.9693	.36922	.36799	.36818	.36808	1580.91299	1597.36000
	GRADIENT	.00166	.00162	.00162	.00162	.09421	.09396	.09398	.09397	-.11075	.00576

RN/L = 2.51 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	DPACAL	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
.799	-3.857	-4.8554	-4.8385	-4.8247	-4.8316	-4.2207	-4.1833	-4.1841	-4.1837	1323.38200	1340.35001
.800	-2.832	-4.7777	-4.7585	-4.7442	-4.7513	-3.0773	-3.0512	-3.0506	-3.0509	1326.74500	1340.97000
.800	-1.818	-4.7110	-4.6966	-4.6816	-4.6891	-1.9404	-1.9233	-1.9234	-1.9234	1329.12000	1341.82001
.800	-.810	-4.6377	-4.6199	-4.6043	-4.6121	-.08223	-.08008	-.08005	-.08007	1330.99001	1342.28000
.800	-.212	-4.5606	-4.5445	-4.5284	-4.5365	-.00882	-.00734	-.00728	-.00731	1330.82300	1341.14999
.800	.826	-4.5772	-4.5600	-4.5449	-4.5524	.10523	.10551	.10583	.10567	1329.71800	1340.71001
.800	1.837	-4.6373	-4.6194	-4.6045	-4.6120	.21749	.21809	.21846	.21827	1328.34399	1340.75000
.800	2.848	-4.6861	-4.6675	-4.6508	-4.6592	.33146	.33145	.33182	.33164	1326.20399	1340.62000
.800	3.869	-4.7218	-4.7029	-4.6884	-4.6957	.44354	.44344	.44393	.44369	1322.99300	1340.83000
	GRADIENT	.00173	.00175	.00177	.00176	.11230	.11182	.11190	.11186	-.11452	-.04439

RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	DPACAL	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
.899	-3.844	-5.0794	-5.0537	-5.0389	-5.0463	-4.3752	-4.3381	-4.3376	-4.3378	1256.37199	1273.03000
.900	-2.815	-4.9954	-4.9466	-4.9313	-4.9390	-3.1729	-3.1477	-3.1453	-3.1465	1258.66600	1272.80000
.900	-1.803	-4.8861	-4.8813	-4.8657	-4.8735	-2.0013	-1.9839	-1.9826	-1.9832	1260.87500	1273.16000
.900	-.791	-4.7993	-4.7930	-4.7792	-4.7861	-.08113	-.08141	-.08113	-.08127	1262.02400	1272.78000
.900	-.227	-4.7134	-4.6976	-4.6956	-4.7055	-.00874	-.00738	-.00726	-.00732	1262.78799	1273.21001
.900	.813	-4.7572	-4.7539	-4.7388	-4.7464	.10945	.10887	.10917	.10902	1261.80000	1272.69000
.900	1.818	-4.8127	-4.8068	-4.7912	-4.7990	.22506	.22560	.22600	.22580	1260.74200	1273.14000
.900	2.839	-4.8709	-4.8472	-4.8317	-4.8395	.34528	.34509	.34528	.34519	1258.60300	1272.81000
.900	3.865	-4.9076	-4.8844	-4.8687	-4.8765	.46168	.46104	.46136	.46120	1255.10201	1272.86000
	GRADIENT	.00193	.00199	.00200	.00200	.11692	.11642	.11645	.11644	-.11650	-.01494

## IA310 (AEDC 16TF-783) REPEAT RUNS

(UCM070) ( 04 OCT 91 )

## PARAMETRIC DATA

ALPHA = -4.000 PHI = 180.000

MACH	RUN NO. 1742/ O RN/L = 2.51 GRADIENT INTERVAL = -5.00/ 5.00									
	DPACAL	DPA1	DPA2	DPA	DPCAL	DPB1	DPB2	DPB	PTTF	PT2F
1.100	-3.945	-50203	-49830	-49922	-45514	-45198	-45177	-45188	1188.21899	1204.94400
1.100	-2.928	-49336	-49148	-49227	-33432	-33222	-33186	-33204	1191.15199	1204.94099
1.099	-1.929	-48728	-48582	-48659	-21692	-21541	-21494	-21518	1192.90199	1204.93600
1.100	-.941	-48154	-47978	-48063	-09953	-09888	-09844	-09866	1194.04401	1204.73801
1.100	-.084	-47977	-47811	-47886	.00830	.00713	.00766	.00740	1194.41701	1204.83900
1.100	.958	-47887	-47722	-47806	.12960	.12802	.12876	.12839	1193.99400	1204.86501
1.100	1.961	-48114	-47976	-48061	.24727	.24666	.24734	.24700	1192.84500	1204.83400
1.100	2.955	-48535	-48174	-48261	.36440	.36379	.36355	.36367	1190.72900	1204.78000
1.100	3.979	-48742	-48429	-48508	.48395	.48224	.48296	.48260	1187.37000	1204.57700
	GRADIENT	.00164	.00168	.00168	.11875	.11818	.11819	.11818	-.08729	-.03454

MACH	RUN NO. 1726/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00									
	DPACAL	DPA1	DPA2	DPA	DPCAL	DPB1	DPB2	DPB	PTTF	PT2F
1.250	-3.880	-55241	-55054	-55127	-48550	-48300	-48275	-48288	1165.27100	1182.61400
1.250	-2.850	-54172	-53950	-54031	-35291	-35019	-34905	-34962	1167.07401	1182.41200
1.250	-1.844	-53545	-53296	-53361	-22295	-22177	-22140	-22159	1168.83099	1182.56200
1.250	-.837	-52898	-52630	-52706	-09482	-09318	-09278	-09298	1170.02600	1182.49100
1.250	-.177	-52099	-51833	-51917	-.00214	-.00085	-.00052	-.00068	1171.00000	1182.55000
1.250	.878	-52347	-52251	-52175	.12970	.12891	.12943	.12917	1170.53000	1182.56700
1.250	1.874	-52778	-52525	-52596	.25524	.25486	.25555	.25520	1169.18600	1182.49300
1.249	2.908	-53276	-53006	-53086	.38833	.38640	.38708	.38674	1167.10400	1182.43600
1.249	3.911	-53621	-53427	-53474	.51462	.51199	.51272	.51235	1163.94701	1182.75999
	GRADIENT	.00191	.00193	.00195	.12855	.12786	.12788	.12787	-.08205	.01030

MACH	RUN NO. 1718/ O RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00									
	DPACAL	DPA1	DPA2	DPA	DPCAL	DPB1	DPB2	DPB	PTTF	PT2F
1.400	-3.892	-63282	-62987	-63082	-55185	-54703	-54842	-54773	1146.02000	1164.13000
1.400	-2.866	-62528	-62239	-62341	-40491	-39972	-40075	-40023	1148.50600	1163.74699
1.400	-1.858	-61803	-61583	-61678	-25565	-25161	-25270	-25215	1151.12500	1164.05200
1.400	-.851	-61050	-60844	-60941	-10768	-10520	-10525	-10573	1152.21400	1164.12399
1.400	-.163	-60062	-59866	-59962	.00674	.00746	.00669	.00708	1152.75101	1163.99699
1.400	.886	-60287	-60095	-60189	.15744	.15759	.15676	.15717	1152.53000	1164.33501
1.400	1.894	-60572	-60347	-60443	.30170	.30405	.30304	.30355	1151.16600	1164.06400
1.399	2.898	-61075	-60802	-60899	.44964	.45080	.44977	.45028	1149.77901	1164.24500
1.400	3.926	-61532	-61239	-61335	.59848	.59896	.59826	.59861	1147.29300	1164.19701
	GRADIENT	.00247	.00246	.00246	.14777	.14717	.14722	.14720	-.15307	.03447



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## PARAMETRIC DATA

ALPHA = -4.000 PHI = 180.000

RUN NO. 1708/ O		RN/L = 2.50		GRADIENT INTERVAL = -5.00/ 5.00		ALPHA = -4.000		PHI = 180.000			
MACH	BETA	DPACAL	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
1.450	-3.810	-68171	-68108	-67948	-68028	-57662	-57306	-57429	-57367	1137.16800	1158.36400
1.450	-2.773	-67570	-67519	-67337	-67428	-41587	-41277	-41389	-41333	1140.87300	1158.18600
1.450	-1.757	-67140	-67075	-66908	-66991	-25910	-25682	-25801	-25742	1144.65401	1158.63901
1.450	-1.740	-66196	-66158	-65985	-66071	-10064	-99829	-99934	-99881	1145.98801	1158.32201
1.450	-2.276	-64012	-63988	-63815	-63902	-01749	-01375	-01492	-01434	1142.47701	1158.63800
1.450	1.759	-64911	-64858	-64687	-64772	14026	14128	14020	14074	1141.88600	1158.18800
1.450	1.776	-65923	-65887	-65712	-65799	29787	29881	29790	29835	1141.12399	1158.37500
1.449	2.820	-66728	-66688	-66510	-66599	46074	46066	45976	46021	1139.23300	1158.88300
1.450	3.841	-66838	-66793	-66619	-66706	61187	61249	61171	61210	1134.79900	1158.28700
	GRADIENT	.00188	.00186	.00187	.00186	.15610	.15564	.15569	.15567	-.44865	.01969

RUN NO. 1701/ O		RN/L = 2.50		GRADIENT INTERVAL = -5.00/ 5.00		ALPHA = -4.000		PHI = 180.000			
MACH	BETA	DPACAL	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
1.469	-3.822	-69900	-69836	-69693	-69764	-59047	-58679	-58827	-58753	1134.13699	1148.33192
1.469	-2.791	-68912	-68857	-68700	-68778	-42846	-42410	-42560	-42485	1136.18600	1147.94797
1.470	-1.772	-68105	-68036	-67862	-67949	-26409	-26089	-26186	-26138	1137.93300	1148.24615
1.470	-1.761	-67050	-67012	-66846	-66929	-10224	-10054	-10156	-10105	1139.07899	1148.31117
1.470	-2.253	-66845	-66817	-66654	-66735	-00303	-00188	-00291	-00240	1138.72900	1148.18117
1.470	.800	-67430	-67363	-67213	-67288	15985	16083	15980	16032	1138.46001	1148.19730
1.470	1.821	-68363	-68342	-68183	-68262	32190	32427	32325	32376	1137.47600	1148.15924
1.469	2.820	-69182	-69115	-68949	-69032	48824	48878	48781	48830	1136.05499	1148.32266
1.470	3.850	-70073	-70026	-69855	-69940	65127	65144	65054	65099	1133.41200	1148.18340
	GRADIENT	-.00049	-.00051	-.00049	-.00050	.16254	.16205	.16212	.16208	-.09300	.00461

RUN NO. 1694/ O		RN/L = 2.50		GRADIENT INTERVAL = -5.00/ 5.00		ALPHA = -4.000		PHI = 180.000			
MACH	BETA	DPACAL	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
1.495	-3.837	-73182	-73025	-72866	-72945	-61254	-60924	-61062	-60993	1121.05800	1145.21005
1.495	-2.802	-72606	-72422	-72275	-72348	-44755	-44256	-44376	-44316	1123.65500	1145.45860
1.495	-1.786	-72149	-71968	-71824	-71896	-27533	-27186	-27325	-27256	1126.71201	1145.68738
1.495	-1.778	-71217	-71120	-70929	-71025	-10636	-10405	-10526	-10466	1126.67799	1146.19930
1.495	-2.240	-68982	-68875	-68736	-68805	-01111	-00920	-01051	-00985	1127.66600	1146.55838
1.495	.799	-69709	-69580	-69438	-69509	15769	15843	15741	15792	1127.28000	1146.21321
1.495	1.817	-70376	-70290	-70139	-70215	32597	32774	32654	32714	1127.30000	1146.03641
1.495	2.838	-71107	-71015	-70795	-70905	49801	49804	49716	49760	1125.52299	1145.64903
1.494	3.869	-71688	-71557	-71403	-71480	66504	66384	66308	66346	1122.21100	1144.18561
	GRADIENT	.00258	.00249	.00252	.00250	.16649	.16582	.16589	.16586	.19901	-.05618

IA310 (AEDC 16TF-783) REPEAT RUNS

(UCM070) ( 04 OCT 91 )

PARAMETRIC DATA

ALPHA = -4.000 PHI = 180.000

MACH	BETA	DPACAL	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
1.521	-3.833	-81849	-81578	-81445	-81511	-68340	-67835	-67987	-67911	1122.55600	1142.80475
1.521	-2.804	-82056	-81661	-81521	-81591	-50185	-49804	-49958	-49881	1124.12100	1142.71407
1.521	-1.786	-82778	-82314	-82179	-82278	-32403	-32175	-32290	-32233	1125.41200	1142.46254
1.520	-775	-82671	-82236	-82094	-82165	-13661	-13500	-13631	-13565	1126.32899	1142.47308
1.520	-241	-79022	-78681	-78540	-78611	-01006	-00734	-00864	-00799	1127.37399	1143.34505
1.520	.809	-80726	-80384	-80236	-80310	18338	18337	18260	18299	1126.92000	1142.70453
1.520	1.827	-82162	-81816	-81675	-81746	38908	38735	38643	38689	1126.34000	1142.74162
1.520	2.854	-83267	-82906	-82779	-82842	58571	58543	58434	58488	1125.54700	1142.92422
1.520	3.870	-83754	-83399	-83253	-83326	77716	77495	77409	77452	1124.47501	1143.20415
	GRADIENT	.00166	.00167	.00167	.00167	.19162	.19072	.19081	.19076	.24409	.05015

RUN NO. 1689/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

RUN NO. 1682/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	DPACAL	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
1.543	-3.836	-70884	-70559	-70406	-70482	-70196	-69745	-69880	-69813	1117.86000	1136.38545
1.543	-2.801	-68390	-68095	-67950	-68023	-51011	-50678	-50825	-50752	1118.17200	1136.70018
1.543	-1.788	-65716	-65518	-65387	-65452	-32514	-32332	-32469	-32400	1118.71001	1137.12201
1.544	-776	-63086	-62785	-62641	-62713	-14945	-14642	-14767	-14704	1119.42599	1136.95708
1.543	-240	-57684	-57395	-57243	-57319	-02261	-02115	-02237	-02176	1123.51401	1137.57872
1.543	.797	-59485	-59202	-59063	-59132	13121	13118	13003	13061	1123.45000	1136.96246
1.544	1.818	-63050	-62717	-62598	-62657	29839	29819	29703	29761	1123.51801	1137.05876
1.543	2.831	-66532	-66326	-66177	-66252	47433	47258	47155	47206	1122.47600	1136.78300
1.544	3.870	-70343	-70054	-69917	-69986	66548	66345	66254	66299	1121.12199	1136.93825
	GRADIENT	.00244	.00241	.00240	.00241	.17598	.17512	.17519	.17515	.67203	.03918

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IA310 (AEDC 16TF-783) REPEAT RUNS

## PARAMETRIC DATA

ALPHA = .000 PHI = 180.000

MACH	BETA	DPACAL	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
.601	-3.993	-.04172	-.04163	-.04013	-.04088	-.35137	-.34907	-.34815	-.34861	1591.94701	1597.14000
.600	-2.974	-.04050	-.04037	-.03880	-.03958	-.25529	-.25409	-.25416	-.25412	1593.84200	1596.39999
.601	-1.969	-.04006	-.03991	-.03823	-.03907	-.16174	-.16020	-.16029	-.16024	1595.10800	1596.94000
.601	-.950	-.04074	-.04063	-.03900	-.03981	-.06812	-.06648	-.06653	-.06650	1595.73599	1597.22000
.600	-.173	-.02781	-.02769	-.02609	-.02689	-.00395	-.00261	-.00274	-.00268	1596.00400	1596.89999
.601	.831	.01656	.01497	.01666	.01582	.08644	.08708	.08703	.08706	1596.15800	1597.14999
.601	1.996	.01099	.00939	.01113	.01026	.19211	.19305	.19309	.19307	1595.65500	1597.31000
.600	3.003	.01177	.01011	.01203	.01107	.28597	.28664	.28676	.28670	1594.65700	1597.12000
.601	4.011	.01226	.01175	.01337	.01256	.38102	.38083	.38102	.38092	1592.44400	1597.33000
	GRADIENT	.00886	.00865	.00868	.00866	.09080	.09057	.09053	.09055	.09185	.06049

RUN NO. 1751/ 0 RN/L = 2.51 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	DPACAL	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
.799	-3.996	-.04386	-.04113	-.03945	-.04029	-.41783	-.41582	-.41611	-.41596	1335.10300	1340.80000
.800	-2.975	-.04350	-.04045	-.03906	-.03976	-.30411	-.30316	-.30325	-.30320	1337.43300	1341.23000
.800	-1.973	-.04152	-.03894	-.03746	-.03820	-.19524	-.19322	-.19333	-.19327	1339.12601	1341.33000
.800	-.960	-.04444	-.04170	-.04015	-.04093	-.08742	-.08519	-.08500	-.08510	1339.93201	1341.42999
.800	.100	-.01220	-.01010	-.00849	-.00929	.02853	.02982	.02984	.02983	1340.14400	1341.24001
.800	.982	-.04481	-.04207	-.04064	-.04136	.11688	.11795	.11817	.11806	1339.46600	1340.71001
.800	2.008	-.04170	-.03912	-.03752	-.03832	.23076	.23157	.23164	.23160	1339.06300	1340.78000
.800	3.009	-.03757	-.03461	-.03314	-.03388	.34422	.34423	.34429	.34426	1337.82001	1340.75999
.800	4.014	-.03513	-.03220	-.03054	-.03137	.45532	.45447	.45444	.45446	1335.48300	1340.85001
	GRADIENT	.00091	.00092	.00092	.00092	.10842	.10813	.10816	.10814	.03838	.04981

RUN NO. 1664/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	DPACAL	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
.900	-3.998	-.04419	-.04417	-.04233	-.04325	-.43572	-.43183	-.43199	-.43191	1267.80800	1273.24001
.900	-2.967	-.04314	-.04275	-.04120	-.04197	-.31651	-.31347	-.31352	-.31349	1269.22900	1272.64000
.900	-1.967	-.04184	-.04102	-.03938	-.04020	-.20210	-.20024	-.20020	-.20022	1270.45700	1272.82001
.900	-.957	-.04416	-.04314	-.04171	-.04243	-.09010	-.08753	-.08754	-.08754	1271.50500	1273.13000
.900	-.141	-.03572	-.03496	-.03325	-.03410	.00041	.00200	.00193	.00197	1271.37300	1272.89000
.900	.859	.01144	.00998	.01181	.01089	.11402	.11402	.11412	.11407	1271.93700	1273.10001
.899	2.010	.00345	.00177	.00348	.00262	.24150	.24195	.24211	.24203	1271.07401	1272.70000
.900	3.016	.00456	.00288	.00470	.00379	.35603	.35634	.35649	.35641	1270.28799	1273.22000
.900	4.020	.00665	.00516	.00694	.00605	.47355	.47284	.47314	.47299	1268.00000	1272.85001
	GRADIENT	.00820	.00787	.00789	.00788	.11284	.11231	.11235	.11233	.08710	.00182

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IA310 (AEDC 16TF-783) REPEAT RUNS

PARAMETRIC DATA

ALPHA = .000 PHI = 180.000

MACH	BETA	DPACAL	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
1.100	-3.997	-.0289	-.02831	-.02648	-.02739	-.43973	-.43739	-.43705	-.43722	1199.42500	1204.94400
1.100	-2.974	-.02495	-.02542	-.02359	-.02450	-.31843	-.31645	-.31634	-.31639	1201.41701	1204.66701
1.100	-1.972	-.02494	-.02494	-.02323	-.02408	-.20336	-.20232	-.20232	-.20220	1202.79800	1204.69200
1.100	-.972	-.02979	-.02968	-.02780	-.02874	-.09280	-.09095	-.09058	-.09077	1203.42200	1204.46899
1.100	.014	-.02880	-.02844	-.02673	-.02758	.02130	.02023	.02077	.02050	1203.77200	1204.66299
1.100	1.022	-.03785	-.03783	-.03603	-.03693	1.3097	1.3032	1.3055	1.3044	1203.69501	1204.70799
1.100	2.022	-.02694	-.02730	-.02554	-.02642	.24704	.24684	.24724	.24704	1203.20399	1204.63600
1.100	3.027	-.02389	-.02430	-.02259	-.02344	.36566	.36529	.36504	.36516	1202.09500	1204.52400
1.100	4.021	-.01850	-.01924	-.01727	-.01826	.48397	.48221	.48286	.48254	1199.78200	1204.85400
	GRADIENT	.00048	.00045	.00045	.00045	.11442	.11395	.11395	.11395	.07650	-.01114

MACH	BETA	DPACAL	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
1.250	-3.998	-.04446	-.04330	-.04175	-.04253	-.47618	-.47406	-.47391	-.47399	1175.64500	1182.55600
1.250	-2.968	-.04409	-.04282	-.04128	-.04205	-.34487	-.34399	-.34374	-.34386	1177.96201	1182.56400
1.250	-1.968	-.04190	-.04139	-.03972	-.04056	-.22354	-.22281	-.22247	-.22264	1179.50700	1182.39999
1.250	-.964	-.04421	-.04380	-.04218	-.04299	-.10020	-.09776	-.09738	-.09757	1180.55800	1182.45700
1.250	.099	-.02443	-.02413	-.02252	-.02332	.03431	.03485	.03537	.03511	1180.03999	1182.52901
1.250	1.046	-.06450	-.06352	-.06177	-.06265	1.4571	1.4574	1.4632	1.4603	1179.91600	1182.61501
1.250	2.021	-.04232	-.04113	-.03934	-.04023	.26879	.26801	.26845	.26823	1179.81500	1182.69400
1.250	3.018	-.04180	-.04043	-.03870	-.03956	.39684	.39469	.39524	.39496	1179.22099	1182.60500
1.250	4.018	-.03776	-.03658	-.03485	-.03572	.52432	.52180	.52231	.52206	1176.69200	1182.64101
	GRADIENT	.00022	.00026	.00029	.00028	.12427	.12372	.12377	.12375	.13581	-.02006

MACH	BETA	DPACAL	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
1.400	-4.003	-.05230	-.05192	-.05011	-.05101	-.54558	-.54021	-.54180	-.54100	1157.98199	1163.96001
1.400	-2.974	-.04975	-.04947	-.04759	-.04853	-.39332	-.38824	-.38973	-.38898	1159.61700	1164.07300
1.400	-1.969	-.04930	-.04886	-.04703	-.04794	-.25314	-.24991	-.25125	-.25058	1160.95100	1164.43500
1.400	-.964	-.04932	-.04886	-.04697	-.04791	-.11260	-.10906	-.11034	-.10970	1163.00999	1163.91901
1.400	.092	-.03009	-.02982	-.02784	-.02883	.03774	.04027	.03901	.03964	1163.14799	1164.47900
1.400	1.046	-.07102	-.07065	-.06867	-.06966	1.7239	1.7363	1.7261	1.7312	1161.94200	1164.19099
1.400	2.020	-.04664	-.04612	-.04427	-.04520	.31046	.31227	.31125	.31176	1161.81799	1164.28500
1.400	3.018	-.04358	-.04334	-.04135	-.04234	.45663	.45697	.45567	.45632	1161.59599	1164.18700
1.400	4.023	-.03850	-.03899	-.03701	-.03800	.60226	.60278	.60186	.60232	1159.15800	1164.03999
	GRADIENT	.00097	.00091	.00093	.00092	.14239	.14175	.14182	.14178	.19237	-.01095

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PARAMETRIC DATA

ALPHA = .000 PHI = 180.000

MACH	BETA	DPACAL	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
1.450	-3.994	-.07127	-.07070	-.06895	-.06982	-.58288	-.57897	-.58050	-.57974	1152.19800	1158.77499
1.450	-2.963	-.06954	-.06956	-.06763	-.06859	-.41731	-.41416	-.41559	-.41488	1152.42000	1158.31400
1.450	-1.954	-.06734	-.06842	-.06652	-.06747	-.26637	-.26460	-.26587	-.26523	1153.37399	1158.00800
1.450	-.942	-.06959	-.07072	-.06895	-.06984	-.11786	-.11445	-.11581	-.11513	1159.42999	1158.40501
1.449	-.165	-.05182	-.05308	-.05120	-.05214	.00632	.00879	.00766	.00822	1157.24300	1158.90700
1.450	.966	-.00027	-.00016	-.00019	-.00002	.18408	.18536	.18463	.18499	1159.62801	1158.38600
1.451	2.005	-.00061	-.00099	-.00071	-.00085	.33915	.33945	.33839	.33892	1154.72400	1158.29100
1.450	3.013	.00048	.00013	.00042	.00028	.48884	.48805	.48695	.48750	1153.71700	1158.47501
1.450	4.015	.00621	.00496	.00690	.00593	.65242	.65403	.65295	.65349	1152.78600	1158.32500
	GRADIENT	.01210	.01199	.01185	.01192	.15341	.15297	.15304	.15300	.14475	-.01465

MACH	BETA	DPACAL	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
1.470	-3.992	-.07285	-.07260	-.07075	-.07167	-.58681	-.58286	-.58463	-.58375	1144.63400	1148.39485
1.470	-2.968	-.07429	-.07367	-.07184	-.07276	-.42681	-.42232	-.42390	-.42306	1146.04500	1148.32460
1.470	-1.960	-.07262	-.07195	-.07021	-.07108	-.27073	-.26725	-.26869	-.26797	1145.39600	1148.29764
1.470	-.946	-.07430	-.07356	-.07171	-.07264	-.11315	-.11085	-.11228	-.11157	1145.03700	1148.44325
1.470	-.153	-.05702	-.05658	-.05479	-.05568	.00954	.00967	.00839	.00903	1145.57500	1148.49590
1.470	.969	-.00375	-.00386	-.00363	-.00375	.18376	.18411	.18411	.18453	1145.40601	1148.61096
1.470	2.006	-.00329	-.00386	-.00351	-.00368	.34134	.34368	.34255	.34311	1146.37100	1148.53603
1.470	3.013	-.00107	-.00127	-.00103	-.00115	.49843	.49923	.49815	.49869	1147.40199	1148.55975
1.470	4.015	.00070	.00056	.00081	.00069	.66139	.66161	.66047	.66104	1146.22701	1148.63872
	GRADIENT	.01209	.01197	.01171	.01184	.15530	.15481	.15490	.15485	.21420	.03868

MACH	BETA	DPACAL	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
1.494	-3.993	-.08028	-.08114	-.07953	-.08033	-.62289	-.61891	-.62037	-.61964	1134.56300	1143.67886
1.495	-2.965	-.08048	-.08118	-.07970	-.08044	-.45198	-.44675	-.44833	-.44754	1134.47600	1145.12982
1.495	-1.964	-.07995	-.08063	-.07891	-.07977	-.29316	-.28946	-.29096	-.29021	1134.87900	1145.77168
1.495	-.951	-.08123	-.08199	-.08030	-.08114	-.12791	-.12550	-.12681	-.12615	1135.04700	1145.43703
1.495	-.146	-.05450	-.05540	-.05368	-.05454	.00721	.00757	.00650	.00704	1135.77600	1145.53508
1.495	.974	-.00187	-.00195	-.00188	-.00192	.20016	.20149	.20009	.20079	1136.27100	1145.93764
1.495	2.008	-.00358	-.00368	-.00351	-.00359	.36449	.36578	.36372	.36475	1136.46201	1145.70578
1.495	3.014	.00057	.00024	.00042	.00033	.52836	.52711	.52711	.52769	1137.10400	1145.86015
1.495	4.021	.00153	.00140	.00151	.00146	.70304	.70189	.70086	.70138	1137.01300	1145.79355
	GRADIENT	.01339	.01349	.01324	.01337	.16517	.16447	.16450	.16448	.36798	.18401

(UCM071) ( 04 OCT 91 )

IA310 (AEDC 16TF-783) REPEAT RUNS

PARAMETRIC DATA

ALPHA = .000 PHI = 180.000

RUN NO. 1690/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	DPACAL	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
1.521	-3.999	-.08487	-.08381	-.08220	-.08300	-.74541	-.74005	-.74185	-.74095	1127.81799	1142.03674
1.520	-2.965	-.08503	-.08518	-.08344	-.08431	-.56616	-.56107	-.56260	-.56184	1128.27901	1142.94449
1.521	-1.963	-.07391	-.07291	-.07124	-.07207	-.36646	-.36267	-.36423	-.36345	1128.43700	1142.81763
1.521	-.950	-.04402	-.04317	-.04154	-.04235	-.10422	-.10337	-.10500	-.10418	1129.64600	1142.62096
1.520	-.145	-.01660	-.01601	-.01432	-.01516	-.00634	-.00297	-.00446	-.00371	1129.94901	1143.24075
1.521	.973	.02176	.02002	.02168	.02085	.18127	.17933	.17795	.17864	1129.77499	1143.03172
1.521	2.008	.00603	.00516	.00675	.00595	.40621	.40474	.40345	.40409	1128.69000	1142.84999
1.521	3.015	-.00318	-.00335	-.00346	-.00341	.61706	.61609	.61489	.61549	1129.06000	1143.19173
1.520	4.021	-.00818	-.00767	-.00716	-.00741	.81046	.80874	.80722	.80798	1129.84599	1143.34587
	GRADIENT	.01290	.01276	.01259	.01267	.19383	.19282	.19287	.19285	.18284	.10699

RUN NO. 1683/ O RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	DPACAL	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
1.544	-3.994	-.00881	-.00701	-.00690	-.00696	-.61579	-.61151	-.61312	-.61232	1120.51801	1136.45248
1.544	-2.970	-.02613	-.02509	-.02366	-.02437	-.38077	-.37620	-.37787	-.37704	1122.08701	1136.82321
1.543	-1.963	-.03560	-.03341	-.03173	-.03257	-.23773	-.23545	-.23705	-.23625	1119.74500	1137.05400
1.544	-.955	-.04262	-.04050	-.03891	-.03970	-.11783	-.11417	-.11581	-.11499	1119.74500	1136.98370
1.544	.100	-.03867	-.03678	-.03521	-.03600	.00007	.00346	.00198	.00272	1120.82001	1137.53789
1.544	.984	-.05411	-.05183	-.05047	-.05115	.10216	.10284	.10146	.10215	1122.85899	1137.48480
1.544	2.015	-.04518	-.04328	-.04180	-.04254	.25193	.25296	.25159	.25227	1125.22099	1137.35843
1.544	3.013	-.03781	-.03770	-.03613	-.03691	.39792	.39765	.39630	.39697	1125.31200	1137.59302
1.543	4.013	-.03096	-.02953	-.02797	-.02875	.58291	.58162	.58048	.58105	1125.12399	1137.32922
	GRADIENT	-.00258	-.00266	-.00257	-.00261	.13918	.13847	.13853	.13850	.70090	.11612

IA310 (AEDC 16TF-783) FLOW ANGULARITIES-FAIR OFF (VCMOO1) ( 04 OCT 91 )

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 1102/ 0 RN/L = 3.20 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	P	PT	Q(PSF)	T(R)	TT(F)	RN/L	PC	PREF	SH10+3	PATM
.599	-8.006	1600.65100	2039.60001	401.65190	521.57590	99.30000	3.19181	1614.09000	1947.92999	9.15889	2058.20999
.599	-6.998	1600.27000	2039.81000	402.14090	521.52510	99.30000	3.19377	1613.72000	1947.98000	9.15793	2058.20999
.600	-6.001	1600.64101	2040.96001	402.80400	521.47560	99.30000	3.19716	1614.11000	1948.06000	9.15269	2058.20999
.599	-4.998	1600.73801	2040.71001	402.51420	521.50290	99.30000	3.19589	1614.20000	1948.11000	9.15383	2058.17499
.599	-3.995	1601.00400	2040.63000	402.22850	521.62670	99.39999	3.19405	1614.46001	1948.14000	9.15420	2058.20999
.600	-3.002	1600.85001	2041.59000	403.16110	521.54250	99.39999	3.19826	1614.33000	1948.22000	9.14983	2058.20999
.600	-1.999	1600.69099	2040.97000	402.77080	521.57300	99.39999	3.19631	1614.16000	1948.27000	9.15265	2058.20999
.600	-0.999	1600.36099	2041.17999	403.21800	521.52690	99.39999	3.19812	1613.84000	1948.28999	9.15169	2058.20999
.600	-0.009	1600.22099	2040.67000	402.90480	521.55100	99.39999	3.19655	1613.69000	1948.35001	9.15401	2058.24500
.600	1.003	1599.93100	2040.85001	403.29270	521.51100	99.39999	3.19811	1613.41000	1948.38000	9.15319	2058.24500
.600	2.001	1599.26601	2040.62000	403.64580	521.37230	99.30000	3.19993	1612.75000	1948.46001	9.17125	2058.24500
.600	3.011	1599.40300	2040.84000	403.71800	521.36910	99.30000	3.20038	1612.89000	1948.49001	9.18728	2058.24500
.600	4.005	1599.43100	2040.03999	403.02270	521.43020	99.30000	3.19717	1612.89999	1948.53000	9.17389	2058.24500
.600	4.999	1599.07401	2040.05000	403.32320	521.48950	99.39999	3.19754	1612.55000	1948.62000	9.20796	2058.28000
.600	6.003	1599.02800	2040.30000	403.57130	521.37350	99.30000	3.19938	1612.50999	1948.64000	9.20681	2058.28000
.600	6.998	1599.76900	2039.92999	402.65280	521.46970	99.30000	3.19573	1613.23000	1948.71001	9.20851	2058.24500
.600	7.996	1600.02000	2040.50000	402.92600	521.45140	99.30000	3.19721	1613.49001	1948.80000	9.18883	2058.28000
GRADIENT		-.20207	-.08126	.09740	-.01628	-.00364	.00031	-.20050	.04899	.00455	.00636

RUN NO. 1109/ 0 RN/L = 3.76 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	P	PT	Q(PSF)	T(R)	TT(F)	RN/L	PC	PREF	SH10+3	PATM
.800	-8.000	1324.93700	2019.55000	593.49440	496.25730	100.10000	3.76225	1341.52000	1892.97000	5.45236	2057.75500
.800	-6.987	1323.39500	2017.02000	592.67040	496.18140	100.00000	3.75819	1339.95000	1892.92999	5.41653	2057.79001
.800	-5.995	1322.97301	2016.89000	592.86130	496.23390	100.10000	3.75768	1339.53000	1892.88000	5.38502	2057.75500
.800	-4.981	1323.14700	2017.35001	593.08370	496.04270	99.89999	3.76050	1339.71001	1892.89000	5.36265	2057.75500
.800	-3.994	1324.03200	2018.14999	593.07350	496.17020	100.00000	3.76048	1340.60001	1892.88000	5.32895	2057.75500
.800	-2.997	1324.40601	2018.17999	592.84200	496.03080	99.80000	3.76164	1340.97000	1892.92000	5.27664	2057.75500
.800	-1.993	1324.81300	2018.53000	592.82350	496.31570	100.10000	3.75938	1341.38000	1892.96001	5.25497	2057.75500
.800	-.989	1323.62500	2017.69000	593.00950	496.33620	100.20000	3.75808	1340.19000	1892.99001	5.21586	2057.72000
.800	0.014	1323.96001	2017.62000	592.73020	496.19970	100.00000	3.75900	1340.52000	1893.00999	5.18525	2057.72000
.800	1.003	1324.36800	2018.55000	593.14060	496.35520	100.20000	3.75967	1340.94000	1893.03000	5.14206	2057.72000
.800	2.006	1324.04800	2018.41000	593.25510	496.41940	100.30000	3.75835	1340.62000	1893.06000	5.09184	2057.75500
.800	3.005	1323.98199	2017.55000	592.66380	496.56150	100.40000	3.75530	1340.53999	1893.08000	5.03390	2057.72000
.799	4.004	1323.51601	2015.28999	591.30760	496.67070	100.40000	3.74928	1340.03999	1893.07001	4.99981	2057.72000
.800	5.003	1323.54800	2016.96001	592.52270	496.55640	100.40000	3.75429	1340.10001	1893.16000	4.87810	2057.68500
.800	6.002	1324.69901	2019.87000	593.89310	496.47530	100.40000	3.76105	1341.28999	1893.25000	4.83245	2057.68500
.800	7.012	1325.62801	2019.88000	593.26880	496.57400	100.40000	3.75943	1342.21001	1893.32001	4.79414	2057.68500
.800	8.001	1323.93700	2018.38000	593.30860	496.49830	100.40000	3.75789	1340.50999	1893.34000	4.76917	2057.64999
GRADIENT		.00093	-.13117	-.09775	.06256	.06005	-.00092	-.00132	.02396	-.04018	-.00404

IA310 (AEDC 16TF-783) FLOW ANGULARITIES-FAIR OFF

(VCM001) ( 04 OCT 91 )

PARAMETRIC DATA

MACH	ALPHA	P	PT	Q(PSF)	T(R)	TT(F)	RN/L	PC	PREF	SH10+3	PATM
.900	-8.002	1173.63600	1984.19000	664.91240	482.12840	100.50000	3.89007	1190.92999	1643.41000	1.10852	2056.91501
.900	-6.993	1172.93201	1984.14000	665.29710	482.04930	100.50000	3.89085	1190.23000	1643.45000	1.10288	2056.88000
.900	-5.994	1172.77200	1984.07001	665.34420	482.03520	100.50000	3.89087	1190.07001	1643.50999	1.10575	2056.88000
.900	-4.990	1172.98801	1983.75999	665.00270	482.08200	100.50000	3.88974	1190.28000	1643.53999	1.10876	2056.88000
.900	-3.991	1172.98399	1984.02000	665.18360	482.06370	100.50000	3.89046	1190.28000	1643.55000	1.11145	2056.91501
.900	-2.976	1173.33200	1983.66000	664.72920	482.12960	100.50000	3.88902	1190.62000	1643.56000	1.11165	2056.91501
.900	-1.994	1173.00700	1984.52000	665.51390	482.03150	100.50000	3.89179	1190.31000	1643.63000	1.11117	2056.91501
.900	-.999	1173.13000	1983.70000	664.87700	482.10300	100.50000	3.88939	1190.42000	1643.66000	1.10313	2056.88000
.900	.020	1173.34700	1984.03999	664.98170	482.10470	100.50000	3.89004	1190.64000	1643.74001	1.09730	2056.88000
.900	1.003	1173.65601	1984.20000	664.90720	482.13010	100.50000	3.89007	1190.95000	1643.75999	1.10003	2056.91501
.900	2.007	1173.47400	1984.24001	665.04320	482.10600	100.50000	3.89042	1190.77000	1643.80000	1.10565	2056.91501
.900	3.011	1173.54300	1984.32001	665.05690	482.10840	100.50000	3.89055	1190.84000	1643.83000	1.10844	2056.88000
.900	4.007	1173.06100	1983.60001	664.84940	482.18800	100.60000	3.88831	1190.35001	1643.89000	1.12026	2056.88000
.899	5.006	1173.88800	1984.17999	664.75560	482.24460	100.60000	3.88881	1191.17999	1643.92999	1.11421	2056.91501
.899	6.007	1174.33299	1984.12000	664.45000	482.21510	100.50000	3.88897	1191.62000	1643.96001	1.11140	2056.91501
.900	7.002	1173.38100	1983.75999	664.76900	482.12840	100.50000	3.88923	1190.67000	1644.00000	1.10592	2056.88000
.900	8.008	1172.90601	1983.83000	665.09960	482.06760	100.50000	3.89004	1190.20000	1644.05000	1.10305	2056.88000
GRADIENT		.04518	-.01779	-.01468	.00878	.00546	-.00006	.04516	.04111	.00008	-.00149

BETA = .000  
PHI = .000

RUN NO. 1118/ 0 RN/L = 3.89 GRADIENT INTERVAL = -5.00/ 5.00

RUN NO. 1147/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	P	PT	Q(PSF)	T(R)	TT(F)	RN/L	PC	PREF	SH10+3	PATM
1.099	-7.994	678.41060	1446.94000	573.70630	450.59770	99.80000	2.99951	691.03980	1316.02000	1.27966	2054.46500
1.100	-6.977	677.90190	1447.57001	574.27390	450.44480	99.80000	3.00120	690.53980	1316.07001	1.28577	2054.50000
1.100	-5.998	677.41190	1446.61000	573.90920	450.43730	99.80000	2.99922	690.03980	1316.08000	1.28662	2054.50000
1.100	-4.975	677.77000	1446.84000	573.90160	450.48490	99.80000	2.99958	690.39990	1281.32001	1.28976	2054.46500
1.100	-3.975	677.65040	1446.78999	573.91970	450.38600	99.70000	3.00023	690.27980	1275.05000	1.28646	2054.50000
GRADIENT		-.11968	-.05007	.01807	-.09898	-.10002	-.00064	-.12017	-6.27138	-.00330	.03419



IA310 (AEDC 16TF-783) FLOW ANGULARITIES-FAIR OFF (VCM001) ( 04 OCT 91 )

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 1159/ 0 RN/L = 2.99 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	P	PT	O(PSF)	T(R)	TT(F)	RN/L	PC	PREF	SH10+3	PATM
1.250	-7.997	555.37550	1438.13000	607.21340	427.13920	100.90000	2.99487	567.95000	1154.17000	1.40597	2055.02499
1.250	-6.985	555.24460	1438.25000	607.30270	427.10030	100.90000	2.99510	567.81980	1154.25000	1.42043	2055.06000
1.250	-5.989	555.17920	1437.78000	607.07860	427.20190	101.00000	2.99343	567.75000	1154.35001	1.43562	2055.02499
1.250	-4.990	555.25440	1438.25999	607.30570	427.17770	101.00000	2.99442	567.82980	1154.42999	1.37711	2055.06000
1.249	-3.978	555.48880	1437.75000	606.99580	427.27250	101.00000	2.99341	568.05980	1154.49001	1.44678	2055.06000
1.250	-2.987	555.29490	1438.20000	607.26640	427.19170	101.00000	2.99430	567.86990	1154.57001	1.44632	2055.06000
1.250	-1.988	555.38840	1437.82001	607.05350	427.24460	101.00000	2.99354	567.96000	1154.64999	1.44671	2055.02499
1.250	-.985	555.41800	1437.84000	607.05690	427.32540	101.10000	2.99288	567.99000	1154.70000	1.44297	2055.02499
1.250	.029	555.26880	1437.80000	607.06930	427.29610	101.10000	2.99278	567.83980	1154.75000	1.43930	2055.06000
1.250	1.019	555.26660	1438.02000	607.18140	427.27690	101.10000	2.99323	567.83980	1154.82001	1.44279	2055.09500
1.250	2.017	555.52540	1438.09000	607.15990	427.40410	101.20000	2.99270	568.09990	1154.87000	1.45764	2055.06000
1.251	3.012	554.80690	1438.14999	607.34770	427.24100	101.20000	2.99273	567.37990	1154.92000	1.47644	2055.06000
1.250	3.971	555.07860	1437.87000	607.14650	427.32450	101.20000	2.99220	567.64990	1154.95000	1.47294	2055.06000
	GRADIENT	-.03466	-.00427	.00541	.01357	.02734	-.00021	-.03479	.05924	.00675	.00149

IA310 (AEDC 16TF-783) FLOW ANGULARITIES-FAIR OFF

(VCM002) ( 04 OCT 91 )

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 1103/ 0 RN/L = 3.20 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	P	PT	Q(PSF)	T(R)	TT(F)	RN/L	PC	PREF	SH10+3	PATM
.599	-8.006	1600.88200	2040.16000	401.93310	521.55660	99.30000	3.19331	1614.33000	1950.14999	9.24167	2058.17499
.599	-6.994	1600.74400	2040.44000	402.28200	521.52320	99.30000	3.19482	1614.20000	1950.22000	9.25753	2058.14001
.599	-5.996	1600.06100	2040.05000	402.51440	521.48800	99.30000	3.19533	1613.52000	1950.28999	9.25933	2058.14001
.599	-4.999	1600.48599	2040.17000	402.26660	521.51880	99.30000	3.19453	1613.94000	1950.34000	9.27596	2058.14001
.599	-4.000	1599.99899	2039.63000	402.21170	521.41970	99.20000	3.19460	1613.45000	1950.38000	9.27845	2058.14001
.600	-3.003	1599.71899	2040.31000	403.01290	521.34400	99.20000	3.19809	1613.19000	1950.42999	9.27531	2058.10501
.600	-1.999	1599.29700	2039.64999	402.80420	521.25950	99.09999	3.19750	1612.75999	1950.47000	9.26117	2058.10501
.600	-1.000	1599.11000	2039.39999	402.74800	521.26050	99.09999	3.19709	1612.57001	1950.48000	9.26233	2058.10501
.600	.014	1599.14101	2039.80000	403.05810	521.23410	99.09999	3.19855	1612.61000	1950.52000	9.26048	2058.14001
.600	1.002	1598.64700	2039.60001	403.29520	521.20260	99.09999	3.19925	1612.12000	1950.56000	9.26140	2058.10501
.601	2.001	1598.30800	2039.75999	403.70750	521.06620	99.00000	3.20161	1611.78999	1950.61000	9.26021	2058.10501
.601	3.005	1598.34599	2039.86000	403.76000	521.06250	99.00000	3.20189	1611.83000	1950.63000	9.25832	2058.10501
.601	4.010	1598.49001	2040.27000	403.98730	521.04590	99.00000	3.20306	1611.98000	1950.67999	9.25970	2058.07001
.601	5.004	1598.62900	2039.97000	403.62110	520.98730	98.89999	3.20221	1612.11000	1950.77000	9.25984	2058.07001
.600	6.003	1599.30099	2039.94000	403.04520	521.05220	98.89999	3.20009	1612.77000	1950.86000	9.26311	2058.07001
.599	6.997	1599.84500	2039.23000	402.00200	521.15480	98.89999	3.19569	1613.28999	1950.94000	9.27490	2058.07001
.600	7.997	1600.03200	2040.39999	402.83130	521.17990	99.00000	3.19897	1613.50000	1951.00999	.00219	.00317
GRADIENT		.23310	.00009	.19119	-.05050	-.03088	.00092	-.22918	.03645		

RUN NO. 1111/ 0 RN/L = 3.76 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	P	PT	Q(PSF)	T(R)	TT(F)	RN/L	PC	PREF	SH10+3	PATM
.800	-8.005	1323.65401	2017.83000	593.09400	496.41800	100.30000	3.75759	1340.22000	1892.12000	3.58242	2057.40500
.800	-6.986	1324.16100	2018.25000	593.05960	496.44290	100.30000	3.75796	1340.73000	1892.13000	3.64023	2057.40500
.800	-5.995	1324.07700	2017.92000	592.87330	496.45700	100.30000	3.75712	1340.64000	1892.13000	3.21817	2057.40500
.800	-5.003	1324.19000	2018.31000	593.08400	496.44190	100.30000	3.75809	1340.75999	1892.14000	3.13565	2057.37000
.800	-3.989	1324.40401	2018.22000	592.87230	496.47090	100.30000	3.75744	1340.97000	1892.16000	3.03430	2057.40500
.800	-2.997	1323.81599	2017.80000	592.96170	496.43750	100.30000	3.75721	1340.38000	1892.20000	2.88146	2057.37000
.800	-1.999	1324.19200	2018.21001	593.00850	496.44900	100.30000	3.75778	1340.75999	1892.22000	2.71512	2057.37000
.800	.025	1323.82401	2017.89999	593.01120	496.42090	100.30000	3.75714	1340.10001	1892.24001	3.22622	2057.37000
.799	1.008	1324.78000	2018.12000	593.02980	496.43140	100.30000	3.75750	1340.39000	1892.25000	3.06348	2057.37000
.799	2.007	1324.73801	2018.21001	592.63820	496.60690	100.40000	3.75561	1341.34000	1892.28999	2.91524	2057.33499
.800	3.005	1324.27400	2018.17999	592.93140	496.50760	100.30000	3.75682	1341.30000	1892.32001	2.74755	2057.33499
.800	4.020	1324.31300	2018.28000	592.97900	496.54870	100.40000	3.75692	1340.84000	1892.35001	2.40951	2057.33499
.800	5.003	1324.65601	2018.30000	592.76050	496.58110	100.40000	3.75637	1341.22000	1892.37999	2.76709	2057.29999
.799	6.018	1324.62100	2017.94000	592.51730	496.69120	100.50000	3.75448	1341.17999	1892.47000	2.79394	2057.29999
.799	7.002	1325.37700	2018.62000	592.50660	496.72440	100.50000	3.75520	1341.94000	1892.55000	2.74048	2057.26501
.800	7.995	1323.67200	2017.96001	593.17770	496.58810	100.50000	3.75623	1340.24001	1892.57001	2.80718	2057.26501
GRADIENT		.05558	.03142	-.01448	.01556	.01332	-.00012	.05548	.02564	-.04534	-.01049

IA310 (AEDC 16TF-783) FLOW ANGULARITIES-FAIR OFF

(VCM002) ( 04 OCT 91 )

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 1148/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	P	PT	Q(PSF)	T(R)	TT(F)	RN/L	PC	PREF	SH10+3	PATM
1.099	-8.010	678.71020	1447.06000	573.65750	450.56300	99.70000	3.00034	691.33980	1275.38000	1.27956	2054.57001
1.100	-6.971	677.74390	1447.38000	574.22610	450.35130	99.70000	3.00153	690.37990	1275.39000	1.27595	2054.57001
1.100	-5.993	677.75070	1446.75999	573.86250	450.40770	99.70000	3.00011	690.37990	1275.39999	1.27650	2054.57001
1.100	-4.996	677.51860	1446.92000	574.04760	450.34940	99.70000	3.00059	690.14990	1275.46001	1.28635	2054.50000
1.100	-3.973	677.87870	1446.98000	573.93990	450.41240	99.70000	3.00055	690.51000	1275.50000	1.26310	2054.53500
1.100	-2.982	677.72780	1447.03000	574.02880	450.29880	99.59999	3.00144	690.35990	1275.56000	1.26635	2054.53500
1.100	-2.001	677.74170	1446.67999	573.81960	450.33250	99.59999	3.00063	690.36990	1275.61000	1.26995	2054.57001
1.100	-.979	677.70850	1446.94000	573.94730	450.30320	99.59999	3.00131	690.33980	1275.67999	1.26972	2054.57001
1.100	.003	677.79830	1446.99001	573.97780	450.31590	99.59999	3.00099	690.24000	1275.72000	1.26968	2054.57001
1.100	1.004	677.60990	1446.81000	573.94730	450.29590	99.59999	3.00100	690.79980	1275.81000	1.27635	2054.60501
1.099	2.015	678.17020	1446.92999	573.79570	450.44900	99.59999	3.00019	690.63990	1275.87000	1.28641	2054.57001
1.100	3.022	678.01050	1446.85001	573.81230	450.49900	99.70000	2.99883	690.80980	1275.94000	1.26646	2054.57001
1.099	4.009	678.18040	1446.89999	573.77420	450.63790	99.89999	2.99864	690.51000	1276.03000	1.26625	2054.60501
1.100	5.026	677.87790	1447.06000	573.98710	450.64670	100.00000	2.99938	690.79980	1276.09000	1.26305	2054.60501
1.100	6.005	678.16750	1447.14000	573.91890	450.61400	99.89999	2.99858	690.53980	1276.17999	1.25323	2054.60501
1.100	7.008	677.90800	1447.03999	573.96340	450.65430	100.00000	2.99703	690.84990	1276.25000	.00020	.00763
1.099	8.009	678.21900	1447.03999	573.84030	450.87430	100.20000	-.00012	.05310	.05260		
	GRADIENT	.05333	-.00692	-.02511	.01953	.01092					

IA310 (AEDC 16TF-783) FLOW ANGULARITIES-FAIR OFF

(VCM003) ( 04 OCT 91 )

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 1108/ 0 RN/L = 3.20 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	P	PT	Q (PSF)	T (R)	TT (F)	RN/L	PC	PREF	SH10+3	PATM
.599	-8.006	1600.15100	2040.13000	402.50780	521.58400	99.39999	3.19464	1613.61000	1947.69000	9.44954	2058.10501
.600	-6.993	1600.40401	2040.60001	402.69480	521.57320	99.39999	3.19572	1613.87000	1947.73000	9.48235	2058.10501
.600	-5.996	1600.02901	2040.57001	402.97750	521.54050	99.39999	3.19673	1613.50000	1947.78999	9.50005	2058.10501
.599	-5.004	1600.06000	2039.64999	402.17900	521.61040	99.39999	3.19304	1613.50999	1947.80000	9.50440	2058.10501
.600	-3.995	1600.14301	2040.46001	402.79150	521.55910	99.39999	3.19596	1613.61000	1947.83000	9.50057	2058.07001
.600	-2.997	1599.73199	2040.66000	403.29640	521.50610	99.39999	3.19796	1613.21001	1947.83000	9.49962	2058.10501
.600	-2.004	1599.70200	2040.16000	402.90060	521.54000	99.39999	3.19610	1613.17000	1947.86000	9.48443	2058.07001
.600	-1.000	1599.49001	2039.67000	402.66330	521.55590	99.39999	3.19702	1612.95000	1947.87000	9.48674	2058.07001
.601	.009	1599.15700	2039.98000	403.19630	521.50220	99.39999	3.19993	1612.27000	1947.94000	9.46558	2058.03500
.601	1.002	1598.78101	2040.44000	403.89110	521.43360	99.39999	3.19840	1612.14999	1948.00000	9.45034	2058.00000
.601	2.001	1598.67000	2039.96001	403.57960	521.45830	99.39999	3.19878	1612.35001	1948.03000	9.39685	2057.96500
.601	3.000	1598.86800	2040.21001	403.62720	521.45850	99.39999	3.19936	1612.42000	1948.05000	9.37853	2058.00000
.601	4.005	1598.93401	2040.41000	403.74050	521.45020	99.39999	3.20009	1612.52000	1948.10001	9.35997	2057.96500
.601	5.004	1599.03000	2040.67000	403.88060	521.43990	99.39999	3.20029	1612.52000	1948.12000	9.37709	2057.96500
.601	6.008	1599.03000	2040.72000	403.92310	521.43630	99.39999	3.19783	1612.89999	1948.17000	9.37862	2057.96500
.600	6.997	1599.42300	2040.39000	403.32320	521.49710	99.39999	3.19586	1613.49001	1948.24001	9.39708	2057.92999
.600	8.002	1600.02800	2040.16000	402.63330	521.47710	99.30000	.00043	- .16766	.03050	- .01476	- .01459
	GRADIENT	- .17001	- .01964	.12292	- .01440	- .00000					

RUN NO. 1112/ 0 RN/L = 3.75 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	P	PT	Q (PSF)	T (R)	TT (F)	RN/L	PC	PREF	SH10+3	PATM
.800	-8.005	1324.25600	2018.05000	592.84740	496.82180	100.70000	3.75374	1340.82001	1803.56000	2.37518	2057.05499
.800	-6.992	1323.63400	2017.78000	593.07030	496.77390	100.70000	3.75403	1340.20000	1803.60001	2.36411	2057.05499
.800	-5.995	1323.94400	2017.98000	593.00760	496.79320	100.70000	3.75408	1340.50999	1803.61000	2.35820	2057.01999
.800	-4.982	1323.59599	2017.62000	592.97750	496.78120	100.70000	3.75361	1340.16000	1803.62000	2.33603	2057.05499
.800	-3.983	1324.43500	2018.19000	592.82890	496.83110	100.70000	3.75385	1341.00000	1803.64000	2.30741	2057.05499
.800	-2.996	1324.67000	2018.06000	592.57320	496.86520	100.70000	3.75304	1341.23000	1803.66000	2.30201	2057.05499
.800	-1.993	1324.20900	2017.80000	592.69380	496.83420	100.70000	3.75307	1340.77000	1803.69000	2.28571	2057.05499
.800	.015	1323.62601	2018.24001	593.41600	496.74070	100.70000	3.75505	1340.45000	1803.72000	2.25235	2057.05499
.800	1.013	1324.43600	2018.17000	592.81370	496.83250	100.70000	3.75543	1340.20000	1803.75000	2.23071	2057.05499
.800	2.006	1323.76100	2017.47000	592.75490	496.80930	100.70000	3.75548	1340.00000	1803.77000	2.23079	2057.05499
.799	3.004	1324.64000	2018.00999	592.55640	496.86570	100.70000	3.75287	1340.32001	1803.80000	2.21545	2057.05499
.800	4.010	1324.29201	2018.32001	593.02270	496.71780	100.70000	3.75294	1341.20000	1803.83000	2.20950	2057.09000
.800	5.003	1324.41600	2018.14000	592.80540	496.83250	100.70000	3.75536	1340.86000	1803.87000	2.17732	2057.09000
.800	6.002	1324.45700	2018.11000	592.75490	496.83910	100.70000	3.75357	1340.98000	1803.92000	2.18279	2057.09000
.800	7.012	1324.51500	2018.25000	592.81930	496.83540	100.70000	3.75357	1341.02000	1803.94000	2.16703	2057.09000
.800	8.000	1324.65601	2018.24001	592.71560	496.85130	100.70000	3.75389	1341.08000	1804.00000	2.15118	2057.09000
	GRADIENT	.02166	.01929	- .00041	- .00388	- .00546	.00007	.02171	.02760	- .01658	.00340

IA310 (AEDC 16TF-783) FLOW ANGULARITIES-FAIR OFF (VCM003) ( 04 OCT 91 )

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 1149/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	P	PT	Q(PSF)	T(R)	TT(F)	RN/L	PC	PREF	SH10+3	PATM
1.099	-7.994	678.40110	1446.89000	573.68090	450.84180	100.10000	2.99730	691.02980	1276.86000	1.23393	2054.78000
1.100	-6.988	677.85470	1447.32001	574.14750	450.69970	100.10000	2.99854	690.49000	1276.94000	1.23357	2054.81500
1.100	-5.988	677.51760	1446.98000	574.08280	450.58540	100.00000	2.99862	690.14990	1277.00999	1.24030	2054.78000
1.100	-4.990	677.60300	1446.55000	573.79880	450.63990	100.00000	2.99760	690.23000	1277.10001	1.23744	2054.78000
1.100	-3.991	677.68530	1447.24001	574.16770	450.59420	100.00000	2.99914	690.31980	1277.17000	1.23042	2054.78000
1.100	-2.980	677.89230	1446.66000	573.74830	450.68510	100.00000	2.99771	690.51980	1277.24001	1.23735	2054.81500
1.100	-1.980	677.91040	1446.85001	573.85210	450.75220	100.10000	2.99744	690.53980	1277.33000	1.23719	2054.81500
1.100	-.993	677.89600	1447.20000	574.06100	450.55710	99.89999	2.99965	690.52980	1277.38000	1.23689	2054.81500
1.099	.021	678.22270	1446.72000	573.65260	450.66190	99.89999	2.99839	690.84990	1277.46001	1.24052	2054.81500
1.100	.990	677.78740	1447.07001	574.02860	450.54810	99.89999	2.99940	690.41990	1277.52000	1.24022	2054.81500
1.100	2.010	678.05000	1446.89999	573.82570	450.53270	99.80000	2.99959	690.67990	1277.59000	1.23071	2054.81500
1.100	3.016	678.05000	1446.89999	573.82570	450.69380	100.00000	2.99819	690.67990	1277.66000	1.22113	2054.81500
1.100	4.019	678.07890	1447.00999	573.87840	450.52830	99.80000	2.99983	690.71000	1277.71001	1.22103	2054.81500
1.100	5.014	678.01900	1446.98000	573.88450	450.68070	100.00000	2.99839	690.64990	1277.78000	1.21788	2054.85001
1.099	6.010	677.97310	1446.62000	573.69310	450.62350	99.89999	2.99828	690.59990	1277.81000	1.23738	2054.85001
1.100	7.007	677.97800	1447.05000	573.94140	450.58620	99.89999	2.99927	690.60990	1277.89999	1.23380	2054.81500
1.099	8.004	678.40010	1446.98000	573.73390	450.67240	99.89999	2.99891	691.02980	1277.92999	1.23385	2054.81500
GRADIENT		.04605	.01892	-.00719	-.00951	-.02058	.00017	.04616	.06860	-.00142	.00339

IA310 (AEDC 16TF-783) FLOW ANGULARITIES-FAIR OFF

( VCM004 ) ( 04 OCT 91 )

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 1116/ 0 RN/L = 3.76 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	P	PT	Q(PSP)	T(R)	TT(F)	RN/L	PC	PREF	SH10+3	PATM
.800	-8.006	1323.72099	2018.05000	593.21120	496.23240	100.10000	3.75987	1340.28999	1733.89000	1.26966	2056.84500
.800	-6.987	1324.13200	2018.17999	593.02760	496.26730	100.10000	3.75953	1340.70000	1733.89999	1.24413	2056.84500
.800	-5.995	1323.67500	2017.78000	593.04270	496.15800	100.00000	3.76000	1340.24001	1733.89000	1.24123	2056.81000
.800	-4.992	1323.82100	2017.49001	592.72880	496.19380	100.00000	3.75886	1340.38000	1733.92000	1.22888	2056.84500
.800	-3.994	1324.16000	2018.31000	593.10470	496.26120	100.10000	3.75987	1340.73000	1733.92000	1.22217	2056.81000
.800	-2.997	1324.45200	2018.42000	592.98830	496.28470	100.10000	3.75969	1341.02000	1733.91000	1.22210	2056.81000
.800	-1.988	1323.82401	2017.87000	593.00730	496.07890	99.89999	3.76087	1340.39000	1733.92999	1.21316	2056.81000
.800	-.984	1323.94800	2018.35001	593.27880	496.05830	99.89999	3.76210	1340.52000	1733.92000	1.20673	2056.81000
.800	.014	1323.90500	2017.92000	592.99020	496.26120	100.10000	3.75915	1340.47000	1733.94000	1.18270	2056.81000
.800	1.008	1324.21800	2017.92999	592.78470	496.20560	100.00000	3.75948	1340.78000	1733.96001	1.17968	2056.81000
.800	2.017	1324.04800	2017.78000	592.78880	496.19780	100.00000	3.75933	1340.61000	1733.98000	1.17378	2056.81000
.800	3.016	1324.41400	2018.24001	592.88040	496.29350	100.10000	3.75921	1340.98000	1734.02000	1.16756	2056.81000
.800	4.004	1324.36800	2017.98000	592.71920	496.30660	100.10000	3.75850	1340.92999	1734.03999	1.15293	2056.84500
.800	5.003	1324.52400	2018.28000	592.83500	496.30220	100.10000	3.75913	1341.09000	1734.06000	1.14397	2056.84500
.800	6.002	1324.09801	2017.82001	592.78440	496.28910	100.10000	3.75850	1340.66000	1734.11000	1.13841	2056.84500
.799	7.001	1324.73000	2018.03999	592.51710	496.34130	100.10000	3.75804	1341.28999	1734.14000	1.15584	2056.88000
.800	8.000	1324.25600	2018.00999	592.81740	496.38110	100.20000	3.75793	1340.82001	1734.17000	1.10112	2056.88000
GRADIENT		.03517	.00282	-.02183	.00839	.00543	-.00010	.03487	.01356	-.00867	-.00001







IA310 (AEDC 16TF-783) FLOW ANGULARITIES-FAIR OFF

(VCM005) ( 04 OCT 91 )

PARAMETRIC DATA

BETA = .000 PHI = 180.000

RUN NO. 1161/ 0 RN/L = 2.99 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	P	PT	Q(PSF)	T(R)	TT(F)	RN/L	PC	PREF	SH10+3	PATM
1.250	7.989	555.33740	1437.92999	607.12010	427.60500	101.50000	2.99024	567.90990	1156.10001	1.35974	2055.09500
1.250	6.983	555.20390	1438.33000	607.35210	427.54150	101.50000	2.99104	567.77980	1156.12000	1.35585	2055.09500
1.249	5.992	555.62520	1438.08000	607.13330	427.65550	101.50000	2.99058	568.20000	1156.12000	1.34212	2055.09500
1.250	4.988	555.33590	1438.09000	607.20170	427.59110	101.50000	2.99057	567.90990	1156.14000	1.33864	2055.09500
1.250	3.993	555.39550	1438.13000	607.20900	427.60080	101.50000	2.99066	567.97000	1156.14000	1.33860	2055.09500
1.250	2.981	555.12520	1438.23000	607.31880	427.45650	101.40000	2.99153	567.70000	1156.14000	1.33504	2055.06000
1.250	1.992	555.33350	1438.34000	607.32890	427.49320	101.40000	2.99178	567.90990	1156.14999	1.29403	2055.09500
1.250	.988	555.01660	1438.09000	607.27150	427.36840	101.30000	2.99193	567.58980	1156.16000	1.28421	2055.13000
1.250	-.014	555.10690	1438.03000	607.22120	427.39330	101.30000	2.99182	567.67990	1156.17000	1.31122	2055.13000
1.250	-1.015	555.20750	1437.97000	607.16890	427.42070	101.30000	2.99171	567.77980	1156.19000	1.30449	2055.09500
1.250	-2.013	555.26880	1437.80000	607.06930	427.44850	101.30000	2.99137	567.83980	1156.20000	1.29452	2055.09500
1.250	-3.008	555.15360	1438.38000	607.38840	427.37400	101.30000	2.99254	567.73000	1156.23000	1.28729	2055.13000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA310 (AEDC 16TF-783) FLOW ANGULARITIES-FAIR OFF

(VCM006) ( 04 OCT 91 )

PARAMETRIC DATA

ALPHA = .000 PHI = 90.000

RUN NO. 1106/ 0 RN/L = 3.20 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	P	PT	Q(PSF)	T(R)	TT(F)	RN/L	PC	PREF	SH10+3	PATM
.599	-3.996	1600.05200	2039.53000	402.08400	521.61870	99.39999	3.19259	1613.50000	1946.11000	9.41744	2058.31500
.600	-2.990	1599.45000	2039.62000	402.65410	521.55590	99.39999	3.19474	1612.91000	1946.16000	9.41702	2058.31500
.599	-1.995	1599.45500	2038.95000	402.08640	521.60520	99.39999	3.19211	1612.89999	1946.20000	9.40274	2058.31500
.600	-.996	1599.28700	2039.64999	402.81250	521.53860	99.39999	3.19535	1612.75000	1946.24001	9.41688	2058.31500
.600	.010	1598.91901	2039.72000	403.17330	521.49900	99.39999	3.19672	1612.39000	1946.25999	9.39914	2058.31500
.600	1.007	1598.99100	2039.25999	402.72800	521.53930	99.39999	3.19471	1612.45000	1946.30000	9.41871	2058.31500
.601	1.997	1598.88901	2040.14999	403.55910	521.37160	99.30000	3.19921	1612.37000	1946.35001	9.41454	2058.31500
.601	2.992	1598.67500	2040.19000	403.76860	521.44210	99.39999	3.19928	1612.16000	1946.37000	9.44926	2058.31500
.601	3.989	1598.55099	2040.71001	404.30620	521.29930	99.30000	3.20240	1612.05000	1946.39999	9.46431	2058.31500
	GRADIENT	-.16303	.14084	.25204	-.03482	-.01001	.00111	-.15724	.03591	.00516	-.00000

C. 4

IA310 (AEDC 16TF-783) FLOW ANGULARITIES-FAIR OFF

PARAMETRIC DATA

ALPHA = .000 PHI = 90.000

RUN NO. 1113/ 0 RN/L = 3.75 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	P	PT	Q(PSF)	T(R)	TT(F)	RN/L	PC	PREF	SH10+3	PATM
.800	-3.992	1324.54300	2018.39000	592.90380	496.91720	100.80000	3.75340	1341.11000	1804.42999	1.96588	2057.05499
.800	-2.987	1323.89600	2017.87000	592.95920	496.79570	100.70000	3.75384	1340.46001	1804.42999	1.93304	2057.05499
.800	-1.977	1323.75000	2017.52000	592.79910	496.89330	100.80000	3.75218	1340.31000	1804.48000	1.93811	2057.05499
.800	-0.989	1323.77800	2018.24001	593.31300	496.84570	100.80000	3.75431	1340.35001	1804.49001	1.92797	2057.05499
.800	.016	1324.16600	2017.99001	592.86430	496.90480	100.80000	3.75286	1340.73000	1804.53999	1.92350	2057.05499
.799	1.001	1324.81200	2018.02000	592.44680	496.97220	100.80000	3.75180	1341.37000	1804.53999	1.90008	2057.05499
.800	2.003	1324.38100	2017.82001	592.59180	496.93990	100.80000	3.75196	1340.94000	1804.55000	1.89562	2057.05499
.800	3.002	1324.50800	2018.03999	592.66820	496.93800	100.80000	3.75240	1341.07001	1804.61000	1.87693	2057.05499
.800	3.990	1324.11800	2017.86000	592.80080	496.99760	100.90000	3.75169	1340.67999	1804.64000	1.85878	2057.05499
GRADIENT		.04050	-.02068	-.04287	.01617	.01169	-.00024	.03980	.02624	-.01186	.00000

RUN NO. 1120/ 0 RN/L = 3.89 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	P	PT	Q(PSF)	T(R)	TT(F)	RN/L	PC	PREF	SH10+3	PATM
.900	-3.986	1173.18300	1984.17000	665.16820	481.73240	100.10000	3.89420	1190.48000	1644.97000	1.09723	2056.81000
.900	-2.981	1172.96400	1984.03000	665.20290	481.71630	100.10000	3.89410	1190.25999	1644.96001	1.09450	2056.81000
.900	-1.982	1172.96100	1983.53999	664.86770	481.75000	100.10000	3.89276	1190.25000	1644.95000	1.09477	2056.77499
.900	-.983	1173.53101	1983.85001	664.74170	481.79540	100.10000	3.89287	1190.82001	1644.97000	1.10022	2056.77499
.900	.012	1173.53600	1984.13000	664.93090	481.77660	100.10000	3.89363	1190.83000	1644.99001	1.10006	2056.81000
.899	1.002	1173.83701	1984.21001	664.80640	481.80640	100.10000	3.89345	1191.13000	1645.00999	1.10567	2056.77499
.899	1.998	1173.68201	1983.81000	664.62380	481.81590	100.10000	3.89256	1190.97000	1645.00000	1.10873	2056.77499
.900	3.003	1173.36501	1984.19000	665.07420	481.75220	100.10000	3.89402	1190.66000	1645.03000	1.11136	2056.73999
.900	3.993	1173.28600	1984.00000	664.99050	481.75630	100.10000	3.89360	1190.58000	1645.05000	1.11431	2056.73999
GRADIENT		.05620	.01167	-.02542	.00579	.00000	-.00004	.05598	.01120	.00255	-.00819

RUN NO. 1151/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	P	PT	Q(PSF)	T(R)	TT(F)	RN/L	PC	PREF	SH10+3	PATM
1.100	-3.983	677.82010	1446.85001	573.88770	450.81540	100.20000	2.99678	690.45000	1278.87000	1.20849	2055.09500
1.100	-2.982	677.88820	1447.00000	573.94780	450.89580	100.30000	2.99640	690.51980	1278.89999	1.21469	2055.13000
1.100	-1.980	677.75780	1447.06000	574.03440	450.86550	100.30000	2.99659	690.38990	1278.94000	1.20831	2055.09500
1.100	-.995	677.90990	1446.89999	573.88130	450.98930	100.40000	2.99546	690.53980	1278.96001	1.21161	2055.13000
1.100	.021	677.73580	1447.20000	574.12450	450.92940	100.40000	2.99623	690.36990	1279.00000	1.22087	2055.16501
1.100	1.005	677.70830	1446.96001	573.99580	450.94560	100.40000	2.99569	690.33980	1279.00999	1.22746	2055.13000
1.100	2.016	677.98120	1446.80000	573.79490	451.01170	100.40000	2.99520	690.60990	1279.06000	1.26655	2055.13000
1.100	3.005	678.05640	1447.20000	573.99780	451.07080	100.50000	2.99538	690.68990	1279.11000	1.26620	2055.16501
1.100	4.001	678.15840	1447.08000	573.88770	451.18140	100.60000	2.99436	690.78980	1279.16000	1.25646	2055.16501
GRADIENT		.03509	.01772	-.00356	.03734	.04006	-.00026	.03520	.03473	.00800	.00760

IA310 (AEDC 16TF-783) FLOW ANGULARITIES-FAIR OFF (VCM006) ( 04 OCT 91 )

PARAMETRIC DATA

ALPHA = .000 PHI = 90.000

RUN NO. 1162/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	P	PT	Q(PSF)	T(R)	TT(F)	RN/L	PC	PREF	SH10+3	PATM
1.250	-3.987	555.14720	1437.99001	607.19210	427.10080	100.90000	2.99456	567.72000	1156.28999	1.16919	2055.13000
1.250	-2.967	555.00730	1438.03999	607.24800	427.06590	100.90000	2.99464	567.57980	1156.28000	1.16609	2055.13000
1.250	-1.988	555.20700	1438.00000	607.18430	427.03690	100.80000	2.99529	567.77980	1156.28000	1.16307	2055.16501
1.250	-.984	555.26640	1438.06000	607.20170	427.04490	100.80000	2.99542	567.83980	1156.27000	1.13590	2055.16501
1.250	.027	555.22020	1437.67000	607.01420	426.99170	100.70000	2.99532	567.78980	1156.27000	1.12730	2055.16501
1.250	1.007	555.44360	1438.28999	607.27930	426.91210	100.60000	2.99732	568.01980	1156.28999	1.15676	2055.16501
1.250	2.002	555.34080	1437.57001	606.93700	426.95040	100.60000	2.99584	567.90990	1156.27000	1.15734	2055.20001
1.250	3.003	555.45580	1438.07001	607.16530	426.85720	100.50000	2.99758	568.02980	1156.28999	.00000	2055.20001
GRADIENT		.05354	-.01570	-.01966	-.03235	-.05967	.00040	.05351	-.00024	-.09852	.01001

IA310 (AEDC 16TF-783) FLOW ANGULARITIES-FAIR OFF (VCM007) ( 04 OCT 91 )

PARAMETRIC DATA

ALPHA = .000 PHI = -90.000

RUN NO. 1107/ 0 RN/L = 3.20 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	P	PT	Q(PSF)	T(R)	TT(F)	RN/L	PC	PREF	SH10+3	PATM
.599	4.032	1600.48801	2040.07001	402.18120	521.52640	99.30000	3.19413	1613.94000	1946.70000	9.46732	2058.28000
.600	3.022	1599.76700	2040.44000	403.08230	521.43210	99.30000	3.19773	1613.24001	1946.72000	9.44809	2058.28000
.600	1.999	1599.59700	2040.34000	403.13870	521.51710	99.39999	3.19712	1613.07001	1946.72000	9.44856	2058.24500
.600	1.003	1599.85800	2040.48000	403.04220	521.53100	99.39999	3.19688	1613.33000	1946.77000	9.43043	2058.28000
.600	-0.10	1599.60100	2040.14999	402.97530	521.53120	99.39999	3.19636	1613.07001	1946.80000	9.43198	2058.24500
.601	-1.008	1599.11700	2040.42000	403.59890	521.46660	99.39999	3.19886	1612.60001	1946.83000	9.43071	2058.28000
.601	-2.016	1598.83000	2040.53000	403.92700	521.43160	99.39999	3.20014	1612.32001	1946.89000	9.43020	2058.24500
.601	-3.016	1598.83600	2040.25000	403.68650	521.45260	99.39999	3.19903	1612.32001	1946.89000	9.39666	2058.24500
.601	-4.033	1598.96300	2040.52000	403.80980	521.44480	99.39999	3.19971	1612.45000	1946.92999	9.37802	2058.24500
GRADIENT		.18485	-.02968	-.17316	.00826	-.01160	-.00057	.18125	-.03028	.00907	.00406

RUN NO. 1114/ 0 RN/L = 3.75 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	P	PT	Q(PSF)	T(R)	TT(F)	RN/L	PC	PREF	SH10+3	PATM
.800	4.024	1323.83000	2018.13000	593.19600	497.03640	101.00000	3.75216	1340.39999	1805.03999	1.71356	2057.09000
.800	3.019	1324.01300	2018.06000	593.01980	496.97220	100.90000	3.75248	1340.58000	1805.07001	1.69677	2057.09000
.800	1.997	1323.78300	2017.92999	593.07980	497.04540	101.00000	3.75164	1340.35001	1805.10001	1.69688	2057.09000
.800	1.001	1324.11600	2017.94000	592.86080	497.08060	101.00000	3.75107	1340.67999	1805.12000	1.69687	2057.09000
.800	-0.16	1324.00500	2017.91000	592.91380	497.07080	101.00000	3.75118	1340.57001	1805.12000	1.68020	2057.09000
.800	-1.009	1324.39700	2018.08000	592.77390	497.10060	101.00000	3.75100	1340.96001	1805.19000	1.66352	2057.09000
.799	-2.016	1324.67000	2018.03999	592.55810	497.13280	101.00000	3.75039	1341.23000	1805.20000	1.65124	2057.09000
.800	-3.022	1324.07401	2018.62000	593.39230	497.02810	101.00000	3.75320	1340.64999	1805.22000	1.64668	2057.05499
.800	-4.020	1324.06599	2017.98000	592.92500	497.07230	101.00000	3.75129	1340.63000	1805.24001	1.62289	2057.05499
GRADIENT		-.05270	-.02383	.01819	-.00840	-.00498	.00006	-.05250	-.02519	.01056	.00406

IA310 (AEDC 16TF-783) FLOW ANGULARITIES-FAIR OFF

(VCMO07) ( 04 OCT 91 )

PARAMETRIC DATA

ALPHA = .000 PHI = -90.000

RUN NO. 1121/ 0 RN/L = 3.89 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	P	PT	Q(PSF)	T(R)	TT(F)	RN/L	PC	PREF	SH10+3	PATM
.900	4.024	1173.24400	1984.11000	665.09060	481.82980	100.20000	3.89305	1190.53999	1645.17000	1.11997	2056.73999
.900	3.019	1172.98000	1983.62000	664.91110	481.83280	100.20000	3.89206	1190.27000	1645.17999	1.11453	2056.73999
.900	1.997	1173.35201	1983.70000	664.74510	481.87080	100.20000	3.89179	1190.64000	1645.21001	1.11734	2056.73999
.900	.996	1173.21300	1984.20000	665.17140	481.81980	100.20000	3.89334	1190.50999	1645.22000	1.21204	2056.73999
.900	-.017	1173.11501	1984.02000	665.10570	481.82080	100.20000	3.89298	1190.41000	1645.24001	1.21215	2056.73999
.900	-1.009	1173.48801	1984.03000	664.89090	481.86380	100.20000	3.89252	1190.78000	1645.25999	1.21833	2056.77499
.900	-2.027	1173.61800	1984.10001	664.86160	481.87430	100.20000	3.89254	1190.91000	1645.28000	1.22138	2056.77499
.900	-3.018	1173.64900	1984.00999	664.78120	481.97020	100.30000	3.89135	1190.94000	1645.27000	1.21834	2056.77499
.899	-4.023	1173.76900	1984.02000	664.71610	481.98360	100.30000	3.89122	1191.06000	1645.28999	1.22454	2056.77499
GRADIENT		-.08139	-.02388	.03203	-.01784	-.01158	.00015	-.08116	-.01542	-.01565	-.00579

RUN NO. 1152/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	P	PT	Q(PSF)	T(R)	TT(F)	RN/L	PC	PREF	SH10+3	PATM
1.100	4.020	677.74000	1446.84000	573.91330	451.20390	100.70000	2.99331	690.36990	1279.28000	1.20535	2055.23499
1.100	2.996	677.89970	1446.91000	573.89090	451.22780	100.70000	2.99339	690.52980	1279.30000	1.20215	2055.23499
1.100	1.984	677.92920	1446.94000	573.89670	451.15040	100.60000	2.99415	690.55980	1279.32001	1.19586	2055.23499
1.100	.996	677.62840	1446.94000	574.01560	450.93210	100.40000	2.99568	690.26000	1279.33000	1.19274	2055.23499
1.100	-.016	677.82740	1447.07001	574.01270	450.87790	100.30000	2.99659	690.46000	1279.35001	1.19263	2055.20001
1.100	-1.001	677.79860	1446.97000	573.96580	450.88130	100.30000	2.99637	690.42990	1279.38000	1.17722	2055.23499
1.099	-2.017	678.36160	1446.87000	573.68530	450.83590	100.10000	2.99727	690.99000	1279.39000	1.17731	2055.23499
1.100	-3.025	678.10740	1447.14000	573.94290	450.76370	100.10000	2.99801	690.74000	1279.42999	1.18636	2055.26999
1.099	-4.035	678.19040	1446.91000	573.77610	450.71950	100.00000	2.99815	690.81980	1279.45000	1.18965	2055.23499
GRADIENT		-.05746	-.01428	.01437	.06649	.09453	-.00067	-.05747	-.02090	.00270	-.00174

RUN NO. 1163/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	P	PT	Q(PSF)	T(R)	TT(F)	RN/L	PC	PREF	SH10+3	PATM
1.250	4.024	555.47340	1438.28999	607.27270	426.76610	100.40000	2.99873	568.04980	1156.28999	1.08607	2055.20001
1.250	2.996	555.29420	1438.28000	607.30690	426.72750	100.40000	2.99869	567.86990	1156.28000	1.05502	2055.20001
1.250	1.998	555.15480	1438.24001	607.31710	426.62430	100.30000	2.99930	567.73000	1156.27000	1.05504	2055.23499
1.250	.993	555.14060	1437.64000	607.01640	426.67190	100.30000	2.99807	567.71000	1156.28000	1.04715	2055.20001
1.250	-.018	555.45780	1437.87000	607.06350	426.56960	100.10000	2.99999	568.02980	1156.27000	1.02778	2055.23499
1.250	-1.013	555.08400	1438.38000	607.40380	426.44430	100.10000	3.00099	567.65990	1156.25999	1.03014	2055.23499
1.249	-2.031	555.46950	1437.67000	606.95950	426.51290	100.00000	3.00029	568.03980	1156.25999	1.04713	2055.23499
1.250	-3.021	555.45530	1438.11000	607.18550	426.39650	99.89999	3.00019	568.02980	1156.25999	1.04958	2055.23499
GRADIENT		-.01009	.04346	.02422	.05090	.07454	-.00044	-.00967	.00415	.00461	-.00538

IA310 (AEDC 16TF-783) FLOW ANGULARITIES-FAIR OFF

(VCM008) ( 04 OCT 91 )

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 1123/ 0 RN/L = 3.89 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	P	PT	Q(PSF)	T(R)	TT(F)	RN/L	PC	PREF	SH10+3	PATM
.920	.010	1140.33000	1971.07001	675.49000	480.02690	101.60000	3.88673	1157.66000	1610.52000	1.27715	2056.67001
.920	-4.029	1140.52400	1970.81000	675.20140	480.06840	101.60000	3.88580	1157.85001	1610.64000	1.27732	2056.67001
	GRADIENT	-.04803	.06437	.07144	-.01027	.00000	.00023	-.04703	-.02970	-.00004	.00001

RUN NO. 1128/ 0 RN/L = 3.88 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	P	PT	Q(PSF)	T(R)	TT(F)	RN/L	PC	PREF	SH10+3	PATM
.950	.010	1090.06000	1948.08000	688.42380	475.85790	102.10000	3.87941	1107.38000	1694.37000	1.06438	2056.56500
.949	-4.031	1090.64200	1948.23000	688.20390	475.96000	102.10000	3.87917	1107.96001	1694.38000	1.06979	2056.56500
	GRADIENT	-.14403	-.03712	.05442	-.01537	.00000	.00006	-.14354	-.00248	-.00134	.00000

RUN NO. 1134/ 0 RN/L = 3.86 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	P	PT	Q(PSF)	T(R)	TT(F)	RN/L	PC	PREF	SH10+3	PATM
.980	.008	1038.25900	1919.92999	697.74630	471.11180	101.90000	3.86190	1055.48000	1548.53999	.94901	2056.49500
.980	-4.035	1038.52800	1920.09000	697.70920	471.21920	102.00000	3.86116	1055.75000	1548.62000	.94893	2056.49500
	GRADIENT	-.06655	-.03958	.00918	-.02657	-.02474	.00018	-.06680	-.01980	.00002	.00000

RUN NO. 1139/ 0 RN/L = 3.77 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	P	PT	Q(PSF)	T(R)	TT(F)	RN/L	PC	PREF	SH10+3	PATM
1.050	.029	917.18900	1842.10001	707.76860	460.20510	102.00000	3.76868	933.92990	1517.92999	1.14029	2055.93500
1.050	-4.030	917.24830	1842.16000	707.77830	460.20920	102.00000	3.76878	933.99000	1517.98000	1.13733	2055.89999
	GRADIENT	-.01461	-.01479	-.00239	-.00101	.00000	-.00003	-.01481	-.01233	.00073	.00860

RUN NO. 1154/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	P	PT	Q(PSF)	T(R)	TT(F)	RN/L	PC	PREF	SH10+3	PATM
1.150	.012	633.40840	1440.02000	586.32010	442.92720	100.40000	2.99654	646.04980	1230.98000	1.29588	2055.13000
1.150	4.038	633.36960	1439.91000	586.27170	442.85010	100.30000	2.99700	646.01000	1231.19000	1.29262	2055.13000
	GRADIENT	.00958	.02715	.01195	.01903	.02469	-.00012	.00982	-.05185	.00080	-.00001

IA310 (AEDC 16TF-783) FLOW ANGULARITIES-FAIR OFF

(VCM009) ( 04 OCT 91 )

PARAMETRIC DATA

BETA = .000 PHI = 180.000

RUN NO. 1124/ 0 RN/L = 3.89 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	P	PT	Q(PSF)	T(R)	TT(F)	RN/L	PC	PREF	SH10+3	PATM
.920	-.007	1140.57800	1971.25000	675.46830	480.12990	101.70000	3.88601	1157.91000	1611.16000	1.26416	2056.63501
.920	4.032	1140.35100	1970.96001	675.40330	480.12260	101.70000	3.88552	1157.67999	1611.20000	1.26755	2056.63501
GRADIENT		-.05619	-.07179	-.01609	-.00181	.00000	-.00012	-.05694	.00991	.00084	.00000

RUN NO. 1129/ 0 RN/L = 3.88 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	P	PT	Q(PSF)	T(R)	TT(F)	RN/L	PC	PREF	SH10+3	PATM
.950	-.013	1090.21600	1947.77000	688.13380	475.85420	102.00000	3.87933	1107.53000	1694.50000	1.04554	2056.53000
.950	4.038	1090.50101	1948.17999	688.24780	475.86130	102.00000	3.88009	1107.82001	1694.52000	1.03459	2056.53000
GRADIENT		.07036	.10122	.02815	.00176	.00000	.00019	.07159	.00495	-.00270	.00000

RUN NO. 1135/ 0 RN/L = 3.86 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	P	PT	Q(PSF)	T(R)	TT(F)	RN/L	PC	PREF	SH10+3	PATM
.980	-.011	1038.33701	1920.10001	697.81520	471.10990	101.90000	3.86226	1055.56000	1548.78000	.95387	2056.45999
.980	4.047	1038.43201	1919.80000	697.57280	471.14330	101.90000	3.86141	1055.64999	1548.84000	.95154	2056.45999
GRADIENT		.02341	-.07392	-.05972	.00823	-.00000	-.00021	.02218	.01478	-.00057	-.00001

RUN NO. 1140/ 0 RN/L = 3.77 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	P	PT	Q(PSF)	T(R)	TT(F)	RN/L	PC	PREF	SH10+3	PATM
1.050	-.004	917.40060	1842.03000	707.63110	460.15840	101.90000	3.76924	934.13990	1518.17999	1.12577	2055.89999
1.050	4.044	917.34130	1841.96001	707.61500	460.15480	101.90000	3.76912	934.07980	1518.22000	1.14626	2055.89999
GRADIENT		-.01465	-.01729	-.00398	-.00089	.00000	-.00003	-.01485	.00988	.00506	.00000

RUN NO. 1155/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	P	PT	Q(PSF)	T(R)	TT(F)	RN/L	PC	PREF	SH10+3	PATM
1.150	-.014	633.21120	1439.75999	586.24220	442.59450	100.00000	2.99882	645.84990	1232.10001	1.27276	2055.13000
1.150	4.042	633.45290	1440.53000	586.58840	442.57500	100.00000	3.00045	646.09990	1232.17999	1.27871	2055.13000
GRADIENT		.05960	.18986	.08537	-.00481	-.00000	.00040	.06164	.01971	.00147	-.00001

IA310 (AEDC 16TF-783) FLOW ANGULARITIES-FAIR OFF

(VCW010) ( 04 OCT 91 )

PARAMETRIC DATA

ALPHA = .000 PHI = 90.000

RUN NO. 1125/ 0 RN/L = 3.88 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	P	PT	Q (PSF)	T (R)	TT (F)	RN/L	PC	PREF	SH10+3	PATM
.920	1.990	1140.76199	1971.06000	675.23320	480.16530	101.70000	3.88528	1158.09000	1611.52000	1.23574	2056.60001
.920	-2.017	1139.99001	1970.83000	675.52290	480.17380	101.80000	3.88471	1157.32001	1611.56000	1.24217	2056.56500
GRADIENT		.19265	.05740	-.07229	-.00212	-.02495	.00014	.19215	-.00998	-.00161	.00874

RUN NO. 1130/ 0 RN/L = 3.88 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	P	PT	Q (PSF)	T (R)	TT (F)	RN/L	PC	PREF	SH10+3	PATM
.950	1.943	1089.96201	1947.92000	688.37230	475.64280	101.80000	3.88179	1107.28000	1694.59000	1.02941	2056.45999
.950	-2.024	1090.27100	1948.17000	688.36820	475.66380	101.80000	3.88210	1107.59000	1694.56000	1.03460	2056.45999
GRADIENT		-.07790	-.06303	.00103	-.00530	.00000	-.00008	-.07816	.00757	-.00131	.00000

RUN NO. 1136/ 0 RN/L = 3.86 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	P	PT	Q (PSF)	T (R)	TT (F)	RN/L	PC	PREF	SH10+3	PATM
.980	1.988	1038.49200	1919.81000	697.54760	471.15040	101.90000	3.86138	1055.71001	1548.92000	.94414	2056.45999
.980	-2.024	1038.17300	1920.28999	698.02270	471.07540	101.90000	3.86290	1055.39999	1548.96001	.94637	2056.45999
GRADIENT		.07950	-.11962	-.11841	.01869	.00000	-.00038	.07726	-.00997	-.00055	.00001

RUN NO. 1141/ 0 RN/L = 3.77 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	P	PT	Q (PSF)	T (R)	TT (F)	RN/L	PC	PREF	SH10+3	PATM
1.050	1.989	917.38090	1842.02000	707.63400	460.23830	102.00000	3.76836	934.11990	1518.37000	1.16103	2055.86499
1.050	-2.021	917.18950	1842.06000	707.74390	460.20800	102.00000	3.76858	933.92990	1518.42999	1.16698	2055.89999
GRADIENT		.04773	-.00997	-.02740	.00756	-.00000	-.00006	.04738	-.01496	-.00148	-.00873

RUN NO. 1156/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	P	PT	Q (PSF)	T (R)	TT (F)	RN/L	PC	PREF	SH10+3	PATM
1.150	1.992	633.69950	1439.98000	586.19920	442.67260	100.00000	2.99917	646.33980	1232.39999	1.27587	2055.09500
1.150	-2.018	633.45170	1439.73000	586.14400	442.72410	100.10000	2.99799	646.08980	1232.45000	1.29614	2055.09500
GRADIENT		.06180	.06235	.01377	-.01284	-.02494	.00030	.06235	-.01247	-.00506	.00001

IA310 (AEDC 16TF-783) FLOW ANGULARITIES-FAIR OFF

(VCMO11) ( 04 OCT 91 )

PARAMETRIC DATA

ALPHA = .000 PHI = -90.000

		RUN NO. 1126/ O					RN/L = 3.88					GRADIENT INTERVAL = -5.00/ 5.00				
		P	PT	Q(PSF)	T(R)	TT(F)	RN/L	PC	PREF	SH10+3						
BETA	PATM															
-2.004	1140.39301	1970.86000	675.31130	480.22020	101.80000	3.88430	1157.72000	1611.72000	1.25165	2056.56500						
2.037	1140.24400	1970.72000	675.30250	480.21190	101.80000	3.88411	1157.57001	1611.77000	1.25174	2056.60001						
GRADIENT		-.03687	-.03464	-.00218	-.00205	-.00000	-.03711	.01237	.00002	.00865						

		RUN NO. 1131/ O					RN/L = 3.88					GRADIENT INTERVAL = -5.00/ 5.00				
		P	PT	Q(PSF)	T(R)	TT(F)	RN/L	PC	PREF	SH10+3						
BETA	PATM															
-2.001	1090.11200	1948.00999	688.34990	475.65500	101.80000	3.88186	1107.42999	1694.58000	1.00832	2056.49500						
2.043	1089.95200	1947.95000	688.39790	475.55470	101.70000	3.88277	1107.27000	1694.60001	.99798	2056.49500						
GRADIENT		-.03957	-.01483	.01187	-.02480	-.02473	-.03956	.00495	-.00256	.00000						

		RUN NO. 1137/ O					RN/L = 3.86					GRADIENT INTERVAL = -5.00/ 5.00				
		P	PT	Q(PSF)	T(R)	TT(F)	RN/L	PC	PREF	SH10+3						
BETA	PATM															
-2.002	1037.99699	1919.98000	697.91480	471.07420	101.90000	3.86228	1055.22000	1549.00000	.94652	2056.42499						
2.039	1038.02800	1919.89000	697.84030	471.08470	101.90000	3.86202	1055.25000	1549.03000	.93676	2056.42499						
GRADIENT		.00767	-.02227	-.01843	.00260	.00000	.00742	.00742	-.00241	.00000						

		RUN NO. 1142/ O					RN/L = 3.77					GRADIENT INTERVAL = -5.00/ 5.00				
		P	PT	Q(PSF)	T(R)	TT(F)	RN/L	PC	PREF	SH10+3						
BETA	PATM															
-2.002	917.65720	1842.37000	707.72240	460.17090	101.90000	3.76988	934.39990	1518.49001	1.13720	2055.82999						
2.037	917.11960	1842.03000	707.75730	460.20020	102.00000	3.76856	933.85990	1518.53999	1.13158	2055.82999						
GRADIENT		-.13311	-.08418	.00864	.00726	.02476	-.13370	.01237	-.00139	-.00000						

		RUN NO. 1157/ O					RN/L = 3.00					GRADIENT INTERVAL = -5.00/ 5.00				
		P	PT	Q(PSF)	T(R)	TT(F)	RN/L	PC	PREF	SH10+3						
BETA	PATM															
-2.009	633.69530	1440.36000	586.41210	442.55910	99.89999	3.00071	646.33980	1232.60001	1.29557	2055.09500						
2.023	633.15970	1439.88000	586.32640	442.57350	100.00000	2.99910	645.79980	1232.64999	1.28929	2055.09500						
GRADIENT		-.13282	-.11903	-.02125	.00357	.02480	-.13392	.01240	-.00156	-.00000						



IA310 (AEDC 16TF-783) FLOW ANGULARITIES-FAIR OFF (VCMO12) ( 04 OCT 91 )

PARAMETRIC DATA

ALPHA = .000 PHI = -90.000

RUN NO. 1132/ 0 RN/L = 3.88 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	P	PT	Q(PSF)	T(R)	TT(F)	RN/L	PC	PREF	SH10+3	PATM
.950	-2.000	1089.76199	1947.86000	688.44260	475.62210	101.80000	3.88185	1107.08000	1694.66000	.99031	2056.49500
.950	2.038	1089.75301	1947.75000	688.37480	475.62840	101.80000	3.88157	1107.07001	1694.70000	.99036	2056.49500
	GRADIENT	-.00222	-.02724	-.01679	.00156	-.00000	-.00007	-.00248	.00991	.00001	.00000

IA310 (AEDC 16TF-783) FLOW ANGULARITIES-FAIR OFF (VCMO13) ( 04 OCT 91 )

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 1221/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	P	PT	Q(PSF)	T(R)	TT(F)	RN/L	PC	PREF	SH10+3	PATM
.899	-8.002	753.11450	1273.00000	426.50390	481.72410	100.00000	2.49845	763.11990	978.87990	1.86257	2046.20500
.900	-6.995	752.68900	1273.14000	426.85330	481.63130	100.00000	2.49939	762.70000	979.02980	1.84818	2046.24001
.900	-5.993	752.73900	1273.17000	426.84400	481.63720	100.00000	2.49941	762.75000	979.13990	1.82472	2046.24001
.900	-4.991	752.64060	1273.02000	426.79980	481.63550	100.00000	2.49913	762.64990	979.28980	1.81101	2046.24001
.900	-3.993	752.89060	1273.14999	426.74020	481.66700	100.00000	2.49916	762.89990	979.36990	1.79242	2046.24001
.900	-2.991	752.78340	1272.89000	426.62520	481.67550	100.00000	2.49858	762.78980	979.49000	1.76097	2046.24001
.900	-1.995	752.68970	1273.11000	426.83230	481.63480	100.00000	2.49931	762.70000	979.58980	1.74273	2046.24001
.900	-.992	752.69170	1272.97000	426.73510	481.65010	100.00000	2.49892	762.70000	979.72000	1.74739	2046.27499
.900	.021	752.63160	1272.92999	426.74290	481.64360	100.00000	2.49889	762.63990	979.79980	1.73852	2046.27499
.900	1.007	752.84400	1272.87000	426.57540	481.68870	100.00000	2.49845	762.84990	979.89980	1.73415	2046.31000
.900	2.009	752.84400	1272.88000	426.58230	481.68770	100.00000	2.49848	762.84990	979.89980	1.72527	2046.31000
.900	3.012	752.83080	1273.10001	426.74120	481.66160	100.00000	2.49909	762.83980	980.09990	1.72940	2046.31000
.900	4.010	752.83230	1272.95001	426.66500	481.67360	100.00000	2.49879	762.83980	980.17990	1.72512	2046.31000
.900	5.008	752.90280	1273.00000	426.62990	481.68550	100.00000	2.49873	762.90990	980.28980	1.71629	2046.31000
.899	6.007	753.02510	1272.89999	426.48850	481.71870	100.00000	2.49830	763.02980	980.36990	1.70764	2046.31000
.900	7.006	752.96970	1273.25000	426.76170	481.67070	100.00000	2.49932	762.98000	980.46000	1.70279	2046.34500
.900	7.999	753.10910	1273.38000	426.76810	481.68210	100.00000	2.49950	763.11990	980.54980	1.67229	2046.34500
	GRADIENT	.01217	-.00867	-.01322	.00315	.00000	-.00004	.01196	.10045	-.00865	.01017

IA310 (AEDC 16TF-783) FLOW ANGULARITIES-FAIR OFF (VCMO13) ( 04 OCT 91 )

PARAMETRIC DATA

BETA = .000 PHI = .000  
GRADIENT INTERVAL = -5.00/ 5.00  
RN/L = 2.50

MACH	ALPHA	P	PT	Q(PSF)	T(R)	TT(F)	RN/L	PC	PREF	SH10+3	PATM
1.249	-7.994	463.00120	1198.06000	505.77610	426.54170	100.00000	2.50026	473.12990	1058.30000	.98846	2055.26999
1.249	-6.987	462.84250	1197.92999	505.74510	426.36080	99.80000	2.50115	472.97000	1058.36000	.98325	2055.26999
1.250	-5.992	462.54390	1197.84000	505.76490	426.29150	99.80000	2.50093	472.66990	1058.42000	.98598	2055.26999
1.249	-4.992	462.81350	1197.82001	505.69580	426.36430	99.80000	2.50093	472.93990	1058.47000	.99401	2055.23499
1.250	-3.996	462.60280	1198.00999	505.83840	426.44190	100.00000	2.50011	472.73000	1058.50000	.99385	2055.23499
1.250	-2.995	462.44410	1197.86000	505.79690	426.33910	99.89999	2.50037	472.56980	1058.53999	1.02111	2055.26999
1.250	-1.995	462.70390	1197.78999	505.70460	426.56710	100.10000	2.49909	472.82980	1058.59000	1.02392	2055.26999
1.250	.024	462.49340	1197.96001	505.83690	426.47440	100.10000	2.49937	472.53980	1058.62000	.98058	2055.23499
1.250	1.010	462.71240	1198.00999	505.81420	426.39450	99.89999	2.49882	472.61990	1058.64999	.98057	2055.23499
1.250	2.004	462.78150	1198.13000	505.85990	426.47680	100.00000	2.50071	472.83980	1058.67999	.97525	2055.26999
1.250	3.014	462.68090	1198.23000	505.93260	426.44020	100.00000	2.50057	472.90980	1058.72000	.98043	2055.26999
1.250	4.011	462.80080	1198.21001	505.89620	426.47390	100.00000	2.50054	472.92990	1058.75000	.97244	2055.23499
1.250	5.023	462.78250	1197.97000	505.77860	426.49340	100.00000	2.50005	472.90990	1058.80000	.97773	2055.20001
1.249	6.004	462.88110	1198.14000	505.84330	426.50200	100.00000	2.50041	473.00980	1058.85001	.96480	2055.20001
1.249	7.008	462.89090	1198.17000	505.85600	426.50150	100.00000	2.50047	473.01980	1058.89999	.95687	2055.20001
1.249	8.005	462.88380	1197.77000	505.65500	426.54030	100.00000	2.49966	473.00980	1058.92999	.95200	2055.20001
GRADIENT		.01344	.04281	.01874	.00753	.01093	.00002	.01377	.03585	-.00391	-.00191

GRADIENT INTERVAL = -5.00/ 5.00

RN/L = 2.50

GRADIENT INTERVAL = -5.00/ 5.00

RN/L = 2.50

GRADIENT INTERVAL = -5.00/ 5.00

RN/L = 2.50

GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	P	PT	Q(PSF)	T(R)	TT(F)	RN/L	PC	PREF	SH10+3	PATM
1.400	-8.002	382.36130	1216.07001	524.28980	402.48780	100.50000	2.49813	392.07980	899.89990	1.04433	2051.80499
1.400	-6.991	382.22290	1216.10001	524.30590	402.44340	100.50000	2.49808	391.93990	899.99000	1.03593	2051.80499
1.400	-5.996	382.23440	1215.83000	524.18750	402.47240	100.50000	2.49760	391.95000	900.02980	1.03339	2051.80499
1.400	-5.000	382.34180	1216.03999	524.27710	402.48490	100.50000	2.49806	392.05980	900.12990	1.03321	2051.80499
1.400	-3.994	382.21240	1216.16000	524.33230	402.43460	100.50000	2.49818	391.92990	900.23000	1.03034	2051.80499
1.400	-2.994	382.10670	1215.64000	524.10690	402.45190	100.50000	2.49716	391.81980	900.28980	1.03355	2051.80499
1.400	-1.993	382.25220	1216.14000	524.32280	402.52030	100.60000	2.49758	391.97000	900.36990	1.03312	2051.80499
1.400	.024	382.12430	1216.03999	524.19430	402.50460	100.60000	2.49693	391.81980	900.41990	1.03061	2051.80499
1.400	1.005	382.27200	1216.13000	524.28170	402.49120	100.60000	2.49731	391.83980	900.48000	1.03599	2051.80499
1.400	2.006	382.30180	1216.13000	524.31740	402.52710	100.60000	2.49758	391.99000	900.55980	1.02485	2051.80499
1.400	3.021	382.11400	1216.09000	524.30370	402.55520	100.70000	2.49760	392.01980	900.63990	1.02485	2051.80499
1.400	4.018	382.02610	1215.89999	524.22240	402.54660	100.70000	2.49680	391.82980	900.72000	1.01939	2051.80499
1.400	5.009	382.16310	1216.17999	524.34200	402.56150	100.70000	2.49639	391.74000	900.78980	1.01955	2051.80499
1.400	6.017	382.15530	1215.80000	524.17580	402.59500	100.70000	2.49630	391.86990	900.88990	1.02480	2051.80499
1.400	7.009	382.32100	1216.20000	524.34770	402.53520	100.60000	2.49774	392.03980	900.95000	1.02237	2051.80499
1.399	8.011	382.32400	1215.73000	524.14180	402.58060	100.60000	2.49689	392.03980	901.11990	1.02204	2051.80499
GRADIENT		-.00766	.00964	.00438	.01351	.02331	-.00013	-.00770	.07005	-.00347	-.00000

IA310 (AEDC 16TF-783) FLOW ANGULARITIES-FAIR OFF

(VCMO13) ( 04 OCT 91 )

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 1203/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	P	PT	Q(PSF)	T(R)	TT(F)	RN/L	PC	PREF	SH10+3	PATM
1.450	-8.005	358.84400	1226.14000	528.23410	394.81640	101.20000	2.49227	368.31980	976.58980	1.31180	2052.71500
1.449	-7.000	359.23780	1226.21001	528.28340	394.86330	101.10000	2.49336	368.72000	976.57980	1.29119	2052.67999
1.449	-6.005	359.14060	1225.98000	528.18260	394.92430	101.20000	2.49227	368.61990	976.56980	1.30509	2052.67999
1.450	-5.000	358.97190	1226.17000	528.25340	394.85400	101.20000	2.49244	368.45000	976.57980	1.31177	2052.67999
1.450	-3.999	358.97530	1225.53999	527.99150	394.84250	101.10000	2.49193	368.45000	976.57980	1.31245	2052.67999
1.450	-3.000	359.04250	1225.86000	528.12790	394.90450	101.20000	2.49196	368.51980	976.58980	1.29155	2052.67999
1.450	-2.006	359.11010	1226.13000	528.24370	394.90090	101.20000	2.49250	368.58980	976.59990	1.29808	2052.64499
1.450	-1.002	358.74540	1226.17000	528.24150	394.78270	101.20000	2.49223	368.22000	976.63990	1.30146	2052.67999
1.451	.003	358.49850	1226.20000	528.24120	394.63180	101.10000	2.49264	367.97000	976.63990	1.30175	2052.64499
1.450	1.006	358.98340	1225.89999	528.14160	394.81180	101.10000	2.49222	368.46000	976.67990	1.30867	2052.64499
1.450	2.001	358.70750	1225.85001	528.10640	394.72970	101.10000	2.49222	368.17990	976.67990	1.30170	2052.64499
1.451	2.996	358.56910	1225.95000	528.14090	394.67700	101.10000	2.49227	368.03980	976.71000	1.29157	2052.64499
1.449	4.002	359.12160	1225.84000	528.12350	394.86080	101.10000	2.49260	368.59990	976.72000	1.29105	2052.60999
1.451	6.001	358.63600	1226.34000	528.30660	394.68240	101.10000	2.49302	368.10990	976.75000	1.29475	2052.60999
1.450	6.988	358.78520	1226.06000	528.19800	394.80520	101.20000	2.49207	368.25980	976.76980	1.29491	2052.60999
1.450	7.995	359.00290	1225.91000	528.14670	394.81710	101.10000	2.49261	368.48000	976.78980	1.29155	2052.60999
1.449	GRADIENT	-.02801	.01351	.00416	-.01710	-.01001	.00006	-.02836	.01793	-.00123	-.00573

RUN NO. 1276/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	P	PT	Q(PSF)	T(R)	TT(F)	RN/L	PC	PREF	SH10+3	PATM
1.474	-8.000	347.85230	1229.94148	529.04414	390.63060	101.00000	2.49306	357.18990	937.16990	1.00602	2047.11501
1.473	-6.979	348.16720	1229.99370	529.09273	390.65920	100.90000	2.49404	357.50980	937.17990	1.00870	2047.14999
1.474	-5.995	347.98930	1230.08415	529.11367	390.45020	100.70000	2.49528	357.32980	937.16990	1.00859	2047.14999
1.474	-4.994	348.17600	1230.23581	529.19247	390.50460	100.70000	2.49558	357.51980	937.18990	1.00583	2047.14999
1.474	-3.994	348.14600	1230.11005	529.13754	390.48680	100.70000	2.49571	357.49000	937.18990	1.01662	2047.14999
1.474	-2.994	348.21310	1230.40605	529.26294	390.33740	100.50000	2.49758	357.55980	937.21000	1.01907	2047.11501
1.474	-1.979	348.01660	1230.28445	529.19624	390.21190	100.40000	2.49783	357.35990	937.23000	1.01913	2047.14999
1.473	.014	348.25420	1230.03238	529.11507	390.31250	100.40000	2.49761	357.59990	937.24000	1.02209	2047.11501
1.473	1.011	348.31150	1230.30251	529.25321	390.22710	100.30000	2.49864	357.61990	937.24000	1.01642	2047.14999
1.473	2.005	348.38060	1230.52893	529.32818	390.15700	100.20000	2.49952	357.65990	937.25980	1.02728	2047.11501
1.474	3.010	348.26070	1230.80014	529.42681	390.04220	100.10000	2.50010	357.73000	937.25980	1.01362	2047.11501
1.474	4.022	348.04520	1230.28017	529.19637	389.91890	100.00000	2.50062	357.60990	937.27980	1.01605	2047.14999
1.473	5.008	348.19560	1229.83008	529.02734	389.95340	99.89999	2.50069	357.38990	937.26980	1.03267	2047.11501
1.473	6.004	348.11940	1229.20575	528.76770	390.11620	100.10000	2.50038	357.53980	937.28980	1.02767	2047.11501
1.473	7.012	347.93550	1228.39944	528.42327	389.97580	99.89999	2.49808	357.26980	937.28980	1.04253	2047.11501
1.473	8.008	347.65260	1228.13049	528.29081	389.99930	100.00000	2.49633	356.98000	937.29980	1.02906	2047.11501
1.473	GRADIENT	.00821	.03770	.01586	-.05906	-.07993	.00060	-.00867	.01021	.00139	-.00233

IA310 (AEDC 16TF-783) FLOW ANGULARITIES-FAIR OFF

(VCMO13) ( 04 OCT 91 )

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 1238/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	P	PT	Q(PSF)	T(R)	TT(F)	RN/L	PC	PREF	SH10+3	PATM
1.495	-7.999	336.95950	1228.07863	527.16111	386.42970	100.60000	2.49086	346.12990	947.51980	1.23720	2046.34500
1.495	-6.988	337.01780	1228.39268	527.29272	386.36080	100.50000	2.49188	346.18990	947.60990	1.23048	2046.34500
1.495	-5.993	337.21920	1229.46832	527.74320	386.39940	100.60000	2.49335	346.39990	947.65990	1.22940	2046.34500
1.495	-4.993	337.60740	1230.75288	528.29925	386.42750	100.60000	2.49569	346.79980	947.72000	1.21860	2046.34500
1.495	-3.987	337.69240	1231.44098	528.58221	386.38870	100.60000	2.49706	346.88990	947.76980	1.22109	2046.31000
1.495	-2.993	337.87520	1232.19720	528.90312	386.36740	100.60000	2.49881	347.07980	947.81980	1.22989	2046.34500
1.495	-1.994	337.90530	1232.02467	528.83898	386.38870	100.60000	2.49863	347.10990	947.84990	1.23327	2046.34500
1.495	-.998	337.38430	1229.88734	527.92934	386.41260	100.60000	2.49432	346.56980	947.85990	1.23219	2046.34500
1.495	.015	336.95000	1228.07983	527.16073	386.43090	100.60000	2.49076	346.11990	947.88990	1.23399	2046.31000
1.496	1.008	337.70040	1231.75708	528.70846	386.35300	100.60000	2.49780	346.89990	947.91990	1.22713	2046.34500
1.495	2.005	337.47090	1230.35791	527.47106	386.47240	100.70000	2.49454	346.65990	947.97000	1.22853	2046.34500
1.495	3.010	337.03590	1228.83549	528.17509	386.47340	100.70000	2.49130	346.21000	947.97000	1.22365	2046.34500
1.495	4.011	337.28710	1230.09407	527.99976	386.47090	100.70000	2.49321	346.47000	948.00000	1.20346	2046.34500
1.495	5.007	337.96440	1232.65813	529.09703	386.47950	100.70000	2.49805	347.16990	948.04980	1.19164	2046.31000
1.495	6.015	338.16940	1233.06935	529.28477	386.52080	100.70000	2.49878	347.37990	948.08980	1.18507	2046.31000
1.496	7.007	337.80710	1232.67224	529.08394	386.49370	100.80000	2.49734	347.00980	948.10990	1.19160	2046.34500
1.496	8.008	337.70260	1231.80437	528.72775	386.46440	100.70000	2.49640	346.89990	948.13990	1.19556	2046.34500
GRADIENT		-.06397	-.21817	-.09413	.00860	.01272	-.00055	-.06614	.02976	-.00086	.00126

RUN NO. 1283/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	P	PT	Q(PSF)	T(R)	TT(F)	RN/L	PC	PREF	SH10+3	PATM
1.520	-7.999	327.53960	1238.03171	529.76688	382.39920	100.50000	2.49615	336.56980	950.68990	1.08952	2047.53500
1.520	-6.993	327.16110	1236.90628	529.27311	382.36230	100.50000	2.49397	336.17990	950.75980	1.09625	2047.53500
1.520	-5.993	327.75100	1238.89775	530.13497	382.37500	100.50000	2.49822	336.78980	950.82980	1.10318	2047.53500
1.520	-4.999	327.95210	1239.60735	530.44056	382.33790	100.50000	2.50046	337.00000	950.92990	1.13485	2047.53500
1.520	-3.982	327.01340	1236.39900	529.05345	382.23070	100.40000	2.49464	336.02980	950.99000	1.14073	2047.53500
1.520	-2.994	327.35990	1238.07626	529.75644	382.19920	100.40000	2.49789	336.38990	951.03980	1.13919	2047.53500
1.520	-1.995	328.11570	1240.57480	530.83984	382.25050	100.40000	2.50267	337.16990	951.09990	1.12508	2047.53500
1.520	-.986	328.23320	1240.90025	530.98406	382.28880	100.40000	2.50284	337.28980	951.14990	1.10431	2047.53500
1.520	.014	327.54590	1238.46643	529.93600	382.25950	100.40000	2.49816	336.57980	951.17990	1.11520	2047.53500
1.520	1.011	327.11160	1236.72868	529.19650	382.26610	100.40000	2.49472	336.12990	951.22000	1.11675	2047.53500
1.520	2.005	328.31860	1241.48247	531.22334	382.25440	100.40000	2.50415	337.37990	951.25000	1.11252	2047.53500
1.520	3.005	327.90720	1238.89427	530.15764	382.41410	100.50000	2.49867	336.95000	951.32980	1.11485	2047.57001
1.521	4.006	326.91580	1236.52893	529.08920	382.27690	100.50000	2.49372	335.92990	951.35990	1.12279	2047.53500
1.520	5.018	328.20680	1239.85962	530.57785	382.41480	100.50000	2.50094	337.25980	951.37990	1.12575	2047.53500
1.520	6.004	327.82860	1238.65390	530.05324	382.38530	100.50000	2.49862	336.86990	951.46000	1.13275	2047.53500
1.520	7.006	327.48780	1237.97224	529.73585	382.32500	100.50000	2.49717	336.51980	951.47000	1.13633	2047.53500
1.520	7.997	327.32350	1237.44391	529.50888	382.31910	100.50000	2.49603	336.34990	951.50980	1.13382	2047.53500
GRADIENT		-.01209	-.04390	-.01881	.00622	.00423	-.00018	-.01266	.04662	-.00265	.00148

IA310 (AEDC 16TF-783) FLOW ANGULARITIES-FAIR OFF

(VCM013) ( 04 OCT 91 )

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 1251/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	P	PT	Q(PSSF)	T(R)	TT(F)	RN/L	PC	PREF	SH10+3	PATM
1.543	-8.002	318.09350	1243.37097	530.17992	378.20870	100.20000	2.50082	326.96000	959.45000	1.25443	2046.06500
1.543	-7.003	318.02660	1242.92326	529.99781	378.22050	100.20000	2.50007	326.88990	959.50980	1.25814	2045.99500
1.544	-5.992	317.26030	1240.97990	529.11807	378.06030	100.10000	2.49641	326.09990	959.51980	1.25679	2046.03000
1.544	-4.982	317.62620	1243.43370	530.11642	378.03660	100.10000	2.49974	326.48000	899.32980	1.20637	2045.99500
1.544	-3.992	318.04490	1244.10387	530.45033	378.13230	100.10000	2.50121	326.90990	899.36990	1.19950	2045.99500
1.544	-2.993	318.02320	1244.80371	530.71099	378.06740	100.10000	2.50228	326.88990	899.43990	1.19569	2045.99500
1.544	-1.988	317.67330	1244.07091	530.36668	378.07710	100.20000	2.50003	326.52980	899.48000	1.19637	2045.99500
1.544	-.990	317.52320	1242.17928	529.62386	378.18700	100.20000	2.49675	326.36990	899.49000	1.20133	2045.96001
1.544	0.015	317.01120	1240.15936	528.76225	378.11430	100.10000	2.49342	325.83980	899.51980	1.20640	2045.99500
1.544	1.011	317.90770	1243.61539	530.23727	378.14380	100.20000	2.50060	326.76990	899.62990	1.23799	2045.96001
1.543	2.011	317.96730	1243.32928	530.14090	378.18550	100.20000	2.50027	326.82980	899.66990	1.24151	2045.96001
1.543	3.010	317.64990	1241.58363	529.42079	378.15230	100.10000	2.49772	326.50000	899.67990	1.24971	2045.96001
1.543	4.006	317.35080	1240.46645	528.94218	378.15480	100.10000	2.49532	326.18990	899.70000	1.24435	2045.96001
1.543	5.012	317.23270	1240.74585	529.02503	378.09740	100.10000	2.49549	326.06980	899.72000	1.23761	2045.96001
1.543	6.009	317.56200	1241.83890	529.50006	378.12500	100.10000	2.49755	326.40990	899.73000	1.23013	2045.96001
1.544	7.005	317.78300	1242.99606	529.98060	378.10030	100.10000	2.49976	326.63990	899.76000	1.22899	2045.96001
1.543	8.012	318.12210	1244.04053	530.43907	378.13110	100.10000	2.50184	326.93000	899.76980	1.22479	2045.96001
	GRADIENT	- .03239	- .33432	- .13272	.01165	.00243	-.00046	-.03396	.04324	.00638	-.00488

BETA = .000 PHI = .000  
 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	P	PT	Q(PSF)	T(R)	TT(F)	RN/L	PC	PREF	SH10+3	PATM
.899	-8.003	753.57710	1273.77000	426.75760	481.46730	99.70000	2.50168	763.58980	977.65990	.82508	2045.99500
.900	-6.980	752.99800	1274.12000	427.34280	481.32370	99.70000	2.50340	763.01980	977.59990	.80265	2046.03000
.900	-5.993	753.75780	1274.53999	427.17900	481.33110	99.59999	2.50414	763.77980	977.54980	.83589	2046.03000
.900	-4.992	754.16850	1275.46001	427.56690	481.22070	99.50000	2.50670	764.20000	977.49000	.80620	2046.03000
.900	-3.988	751.90330	1271.70000	426.33130	481.12700	99.39999	2.49994	761.89990	977.32980	.81080	2046.03000
.900	-2.991	751.68920	1271.16000	426.08790	481.06010	99.30000	2.49932	761.67990	977.25980	.81781	2046.03000
.900	-1.995	753.37790	1273.58000	426.74540	481.02100	99.20000	2.50432	763.38990	977.22000	.81181	2046.03000
.900	-.997	753.26220	1273.96001	427.07570	480.87280	99.09999	2.50609	763.27980	977.18990	.81601	2046.03000
.900	.015	752.85420	1272.87000	426.56930	480.91600	99.09999	2.50364	762.85990	977.15990	.81894	2046.06500
.900	1.007	752.52000	1272.28000	426.36300	480.91870	99.09999	2.50246	762.51980	977.11990	.82380	2046.06500
.900	2.004	752.64310	1272.83000	426.66750	480.88180	99.09999	2.50380	762.64990	977.08980	.82569	2046.06500
.900	3.006	753.01980	1273.28999	426.75950	480.90090	99.09999	2.50457	763.02980	977.04980	.82765	2046.06500
.900	4.010	753.36350	1273.92000	426.98780	480.89580	99.09999	2.50585	763.37990	977.02980	.82949	2046.06500
.900	5.008	753.62180	1274.20000	427.02660	480.91260	99.09999	2.50628	763.63990	977.01980	.83839	2046.06500
.900	6.001	753.76070	1274.33000	427.03320	480.92380	99.09999	2.50645	763.77980	976.99000	.88989	2046.06500
.900	7.005	752.86600	1272.75000	426.47970	480.93120	99.09999	2.50329	762.86990	976.95000	.89100	2046.06500
.900	8.009	752.06910	1271.36000	425.99900	480.93580	99.09999	2.50052	762.05980	976.92990	.88716	2046.10001
GRADIENT		.01423	.00371	-.00592	-.03431	-.02423	.00024	.01417	-.04414	.00245	.00467

GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	P	PT	Q(PSF)	T(R)	TT(F)	RN/L	PC	PREF	SH10+3	PATM
1.250	-7.999	462.68430	1197.75000	505.68850	426.18510	99.59999	2.50195	472.80980	903.66990	.95977	2045.47000
1.250	-6.982	462.56050	1198.34000	506.01460	426.01640	99.50000	2.50372	472.68990	903.70000	.95412	2045.47000
1.250	-5.996	462.41380	1197.95000	505.84910	426.01730	99.50000	2.50291	472.53980	903.76980	.93905	2045.47000
1.250	-4.981	462.75150	1198.14000	505.87160	426.08690	99.50000	2.50334	472.87990	903.80980	.94145	2045.43500
1.250	-3.991	462.58420	1197.81000	505.74100	426.07640	99.50000	2.50264	472.71000	903.84990	.94427	2045.43500
1.250	-2.990	462.53220	1198.12000	505.90940	425.95510	99.39999	2.50386	472.65990	903.87990	.94402	2045.47000
1.250	-1.990	462.53030	1198.39000	506.04660	425.92700	99.39999	2.50441	472.65990	903.92990	.94126	2045.47000
1.250	-.996	462.76200	1198.07001	505.83370	426.02050	99.39999	2.50379	472.88990	903.95000	.94662	2045.50500
1.250	.014	462.26710	1197.53000	505.66850	425.94510	99.39999	2.50262	472.38990	903.99000	.92925	2045.50500
1.250	1.010	462.45410	1197.85000	505.78960	426.03810	99.50000	2.50271	472.57980	904.03980	.92398	2045.47000
1.250	2.008	462.52420	1197.84000	505.76930	426.05760	99.50000	2.50270	472.64990	904.08980	.91153	2045.50500
1.250	3.025	462.76150	1198.14000	505.86940	426.08960	99.50000	2.50334	472.83980	904.13990	.91626	2045.50500
1.250	4.011	462.71220	1198.07001	505.84470	426.08370	99.50000	2.50319	472.83980	904.13990	.90888	2045.50500
1.250	5.017	462.58570	1197.58000	505.62400	426.10010	99.50000	2.50218	472.71000	904.16990	.93680	2045.50500
1.250	6.009	462.85840	1198.55000	506.05590	426.07350	99.50000	2.50419	472.99000	904.21000	.90359	2045.50500
1.250	7.007	462.50540	1197.66000	505.68210	426.07100	99.50000	2.50233	472.62990	904.23000	.89936	2045.50500
1.250	8.004	462.69950	1198.44000	506.03490	426.04270	99.50000	2.50395	472.82980	904.26000	.90122	2045.50500
GRADIENT		.00077	-.01137	-.00593	.00506	.00486	-.00005	.00068	.03806	.00437	.00785

(VCMO14) ( 04 OCT 91 )

## PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 1258/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	P	PT	Q(PSF)	T(R)	TT(F)	RN/L	PC	PREF	SH10+3	PATM
1.400	-7.996	382.00950	1215.39999	524.00390	402.30180	100.30000	2.49784	391.72000	859.96000	1.10824	2045.39999
1.400	-6.985	381.65890	1214.50000	523.61720	402.28120	100.30000	2.49594	391.35990	860.01000	1.10611	2045.43500
1.400	-5.990	381.88210	1215.17999	523.91020	402.28420	100.30000	2.49734	391.58980	860.03000	1.13838	2045.36501
1.400	-4.989	381.61770	1214.77000	523.73630	402.31520	100.40000	2.49581	391.31980	860.10990	1.12370	2045.39999
1.399	-3.988	382.23020	1214.86000	523.76290	402.49100	100.40000	2.49642	391.93990	860.12990	1.11170	2045.39999
1.400	-2.988	381.76540	1214.86000	523.77270	402.35110	100.40000	2.49608	391.47000	860.18990	1.09403	2045.39999
1.400	-1.988	381.78420	1215.05000	523.85520	402.33890	100.40000	2.49644	391.49000	860.24000	1.09094	2045.39999
1.399	-.990	382.01340	1214.72000	523.70630	402.43900	100.40000	2.49600	391.72000	860.26980	1.08833	2045.36501
1.400	.018	381.85230	1215.17999	523.91090	402.27510	100.30000	2.49732	391.55980	860.27980	1.08501	2045.36501
1.400	1.004	381.96260	1214.97000	523.81670	402.32840	100.30000	2.49702	391.66990	860.28980	1.08230	2045.36501
1.400	2.005	381.83520	1214.75999	523.72750	402.38160	100.40000	2.49595	391.53980	860.31980	1.07672	2045.36501
1.400	3.005	381.83470	1214.85001	523.76680	402.30100	100.30000	2.49670	391.53980	860.34990	1.08241	2045.36501
1.400	4.023	381.83370	1214.99001	523.82810	402.28760	100.30000	2.49696	391.53980	860.35990	1.07364	2045.36501
1.400	5.009	381.78420	1215.03000	523.84670	402.26880	100.30000	2.49700	391.49000	860.37990	1.07073	2045.36501
1.400	6.011	381.98900	1215.53000	524.06130	402.21140	100.20000	2.49865	391.70000	860.41990	1.05323	2045.33000
1.400	7.013	381.60770	1214.81000	523.75390	402.16460	100.20000	2.49706	391.30980	860.42990	1.06521	2045.33000
1.400	8.005	382.07060	1215.11000	523.87570	402.27560	100.20000	2.49795	391.77980	860.45000	1.06494	2045.36501
GRADIENT		-.00063	.00992	.00436	-.00984	-.01213	.00009	-.00057	.02786	-.00467	-.00509

RUN NO. 1226/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	P	PT	Q(PSF)	T(R)	TT(F)	RN/L	PC	PREF	SH10+3	PATM
1.450	-8.000	359.00100	1226.27000	528.29610	394.85380	101.20000	2.49265	368.48000	932.57980	1.84692	2046.76500
1.451	-6.989	358.56910	1225.89999	528.12010	394.75200	101.20000	2.49159	368.03980	932.64990	1.81933	2046.76500
1.450	-5.994	358.98320	1225.92000	528.14990	394.88040	101.20000	2.49202	368.46000	932.68990	1.81465	2046.73000
1.450	-4.994	358.70920	1225.52000	527.96950	394.76070	101.10000	2.49165	368.17990	932.74000	1.80135	2046.73000
1.450	-3.994	359.03080	1226.23000	528.28120	394.86690	101.20000	2.49260	368.50980	932.78980	1.80492	2046.73000
1.450	-2.994	359.03270	1225.85001	528.12330	394.83200	101.10000	2.49253	368.50980	932.83980	1.80967	2046.73000
1.450	-1.995	358.91280	1226.14999	528.24190	394.76680	101.10000	2.49295	368.38990	932.87990	1.81011	2046.73000
1.450	-.986	358.89550	1225.70000	528.05370	394.80270	101.10000	2.49214	368.36990	932.91990	1.81033	2046.73000
1.450	.024	358.99190	1226.11000	528.22920	394.79520	101.10000	2.49295	368.47000	933.00000	1.79587	2046.73000
1.450	1.006	358.88500	1225.83000	528.10740	394.71700	101.00000	2.49295	368.35990	933.03980	1.77340	2046.76500
1.450	2.010	359.06130	1226.06000	528.21190	394.75120	101.00000	2.49352	368.53980	933.09990	1.75495	2046.73000
1.450	3.011	358.86080	1226.67000	528.45530	394.56180	100.90000	2.49500	368.33980	933.14990	1.74061	2046.73000
1.450	4.012	358.83720	1225.57001	527.99680	394.51460	100.70000	2.49423	368.30980	933.21000	1.73325	2046.73000
1.451	5.009	358.81150	1226.67999	528.45700	394.40450	100.70000	2.49616	368.28980	933.25000	1.72723	2046.73000
1.450	6.011	358.92550	1225.61000	528.01780	394.46850	100.60000	2.49498	368.39990	933.31980	1.72874	2046.76500
1.450	7.008	358.91380	1225.96001	528.16280	394.36210	100.50000	2.49618	368.38990	933.35990	1.73715	2046.76500
1.450	8.004	359.05980	1226.35001	528.33250	394.30180	100.40000	2.49760	368.53980	933.39990	1.73660	2046.76500
GRADIENT		.00072	.02441	.01017	-.02973	-.03935	.00028	.00085	.05215	-.00885	-.00001















(VCMO17) ( 04 OCT 91 )

IA310 (AEDC 16TF-783) FLOW ANGULARITIES-FAIR OFF

PARAMETRIC DATA

ALPHA = .000 PHI = 90.000

RUN NO. 1223/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	P	PT	Q(PSF)	T(R)	TT(F)	RN/L	PC	PREF	SH10+3	PATM
.900	-3.988	753.06350	1273.03999	426.56180	482.14090	100.50000	2.49575	763.06980	982.61990	1.82490	2046.48500
.900	-2.989	752.84940	1273.22000	426.81270	482.08230	100.50000	2.49652	762.85990	982.70000	1.79690	2046.48500
.899	-1.985	753.05490	1272.92999	426.49120	482.15110	100.50000	2.49546	763.05980	982.75980	1.77903	2046.45000
.900	.017	752.74950	1273.16000	426.83110	482.07060	100.50000	2.49648	762.76000	982.85990	1.76511	2046.45000
.900	.017	752.76290	1272.91000	426.65140	481.92800	100.30000	2.49694	762.76980	982.91990	1.76546	2046.45000
.900	1.006	752.72460	1272.78000	426.58500	481.93480	100.30000	2.49663	762.73000	982.98000	1.77016	2046.48500
.900	2.005	752.61650	1272.57001	426.50460	481.93800	100.30000	2.49620	762.61990	983.02980	1.77046	2046.45000
.900	2.998	752.66990	1272.35001	426.32180	481.97140	100.30000	2.49553	762.66990	983.11990	1.77530	2046.45000
.900	3.995	752.40920	1272.28000	426.42900	481.93140	100.30000	2.49567	762.40990	983.17990	1.77994	2046.45000
GRADIENT		-.06776	-.11272	-.03712	-.02896	-.03342	-.00003	-.06879	.06948	-.00429	-.00351

RUN NO. 1168/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	P	PT	Q(PSF)	T(R)	TT(F)	RN/L	PC	PREF	SH10+3	PATM
1.250	-3.985	462.64380	1197.84000	505.74320	426.24150	99.70000	2.50153	472.76980	1059.06000	.93660	2054.98999
1.250	-2.970	462.61330	1197.92000	505.79030	426.22530	99.70000	2.50169	472.74000	1059.13000	.91147	2054.95499
1.250	-1.980	462.50170	1198.21001	505.96170	426.16650	99.70000	2.50227	472.62990	1059.20000	.91125	2054.98999
1.250	-.992	462.68330	1197.89999	505.76490	426.24580	99.70000	2.50166	472.80980	1059.24001	.90901	2054.98999
1.250	.016	462.53340	1197.95000	505.82300	426.20120	99.70000	2.50175	472.65990	1059.28999	.90897	2054.95499
1.249	1.014	462.86300	1197.89000	505.72050	426.29390	99.70000	2.50166	472.99000	1059.36000	.91149	2054.98999
1.250	2.004	462.53270	1198.06000	505.87890	426.18990	99.70000	2.50197	472.65990	1059.38000	.90151	2054.98999
1.250	3.010	462.69340	1197.89999	505.76270	426.24830	99.70000	2.50166	472.81980	1059.41000	.89187	2054.95499
1.250	3.995	462.66430	1197.74001	505.68800	426.25710	99.70000	2.50133	472.78980	1059.44000	.89199	2054.95499
GRADIENT		.00943	-.01284	-.00857	.00378	-.00000	-.00002	.00935	-.04747	-.00425	-.00235

RUN NO. 1187/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	P	PT	Q(PSF)	T(R)	TT(F)	RN/L	PC	PREF	SH10+3	PATM
1.400	-3.988	382.36080	1216.14000	524.32060	402.69650	100.80000	2.49648	392.07980	902.49000	1.18061	2051.80499
1.400	-2.991	382.09470	1215.98000	524.25590	402.55980	100.70000	2.49658	391.80980	902.52980	1.19020	2051.76999
1.400	-1.984	382.03640	1215.83000	524.19140	402.55640	100.70000	2.49627	391.75000	902.57980	1.19351	2051.76999
1.400	-.986	382.23120	1216.31000	524.39750	402.56980	100.70000	2.49729	391.95000	902.62990	1.19938	2051.76999
1.400	.008	382.04520	1216.02000	524.27440	402.54100	100.70000	2.49662	391.75980	902.66990	1.20604	2051.76999
1.400	1.004	382.16550	1215.74001	524.14970	402.53200	100.60000	2.49679	391.87990	902.70000	1.20952	2051.76999
1.400	2.000	382.31230	1216.03000	524.27340	402.54880	100.60000	2.49743	392.02980	902.75000	1.20603	2051.76999
1.400	3.006	382.15330	1216.12000	524.31590	402.49240	100.60000	2.49747	391.86990	902.77980	1.20594	2051.73499
1.400	3.996	382.30150	1216.16000	524.33060	402.53320	100.60000	2.49766	392.01980	902.83980	1.20590	2051.73499
GRADIENT		.00706	.00552	.00228	-.01518	-.02338	.00015	.00715	-.04274	.00307	-.00643

IA310 (AEDC 16TF-783) FLOW ANGULARITIES-FAIR OFF

(VCM017) ( 04 OCT 91 )

PARAMETRIC DATA

ALPHA = .000 PHI = 90.000

RUN NO. 1201/ O RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	P	PT	Q(PSF)	T(R)	TT(F)	RN/L	PC	PREF	SH10+3	PATM
1.450	-3.993	358.94360	1225.92999	528.15190	394.79660	101.10000	2.49259	368.41990	976.12990	1.31203	2052.64999
1.449	-2.997	359.14140	1225.82001	528.11620	394.86890	101.10000	2.49258	368.61990	976.13990	1.30870	2052.67999
1.450	-1.996	358.80490	1226.07001	528.20290	394.74020	101.10000	2.49270	368.27980	976.15990	1.30500	2052.67999
1.450	-1.003	358.98290	1225.96001	528.16650	394.80620	101.10000	2.49268	368.46000	976.16990	1.29826	2052.67999
1.450	.005	358.76590	1226.00000	528.17190	394.73440	101.10000	2.49254	368.24000	976.20000	1.29822	2052.67999
1.450	1.004	358.93430	1225.82001	528.10570	394.80400	101.10000	2.49239	368.40990	976.24000	1.30870	2052.71500
1.450	1.990	358.80620	1225.81000	528.09500	394.76440	101.10000	2.49225	368.27980	976.24000	1.30527	2052.67999
1.450	2.986	359.11060	1226.03999	528.20610	394.83910	101.10000	2.49294	368.58980	976.25000	1.29818	2052.67999
1.450	3.986	358.91360	1226.00000	528.17940	394.78080	101.10000	2.49268	368.38990	976.28980	1.29481	2052.67999
	GRADIENT	-.00436	.00467	.00172	-.00179	.00000	.00000	-.00439	.02006	-.00149	.00293

RUN NO. 1280/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	P	PT	Q(PSF)	T(R)	TT(F)	RN/L	PC	PREF	SH10+3	PATM
1.473	-3.982	347.25540	1226.30675	527.51468	389.99240	100.00000	2.49361	356.56980	938.98000	1.05532	2047.39500
1.473	-2.990	347.34280	1226.53935	527.61691	389.99510	100.00000	2.49419	356.65990	939.14990	1.05790	2047.39500
1.473	-1.990	348.28200	1229.75639	529.00340	390.00460	100.00000	2.50075	357.62990	939.24000	1.05796	2047.39500
1.473	-.986	347.92530	1228.21844	528.34850	390.03420	100.00000	2.49762	357.25980	939.33980	1.05650	2047.39500
1.473	.017	347.44970	1226.70955	527.69512	390.01050	100.00000	2.49467	356.76980	939.40990	1.06055	2047.36000
1.473	1.010	347.70140	1227.81825	528.16686	390.00590	100.00000	2.49656	357.02980	939.45000	1.05127	2047.39500
1.473	2.000	348.37720	1230.51646	529.31998	389.98000	100.00000	2.50191	357.73000	939.51980	1.04898	2047.39500
1.473	3.001	348.14940	1228.89316	528.64225	390.06150	100.00000	2.49871	357.49000	939.56980	1.04763	2047.39500
1.473	3.991	347.90330	1228.83807	528.59818	389.98290	100.00000	2.49845	357.24000	939.62990	1.04763	2047.39500
	GRADIENT	.08313	.30561	.13124	.00141	-.00000	.00057	.08585	.07569	-.00141	-.00001

RUN NO. 1242/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	P	PT	Q(PSF)	T(R)	TT(F)	RN/L	PC	PREF	SH10+3	PATM
1.496	-3.987	337.87790	1232.47581	529.01485	386.63210	100.90000	2.49594	347.07980	947.80980	1.17331	2046.31000
1.496	-2.990	338.22610	1233.82538	529.59108	386.63090	100.90000	2.49853	347.43990	947.82980	1.16898	2046.31000
1.496	-1.985	338.08110	1233.30074	529.36575	386.63430	100.90000	2.49740	347.28980	947.84990	1.16642	2046.31000
1.496	-.989	337.48950	1231.38039	528.53409	386.59590	100.90000	2.49376	346.67990	947.82980	1.17739	2046.27499
1.495	.016	337.39430	1230.54224	528.18994	386.55810	100.80000	2.49306	346.57980	947.82980	1.18746	2046.31000
1.496	1.017	338.04100	1233.16396	529.30704	386.53270	100.80000	2.49832	347.25000	947.83980	1.18805	2046.31000
1.496	2.000	338.04150	1233.00951	529.24591	386.47800	100.70000	2.49865	347.25000	947.84990	1.18820	2046.31000
1.496	2.995	337.80960	1232.12296	528.86678	386.41160	100.60000	2.49748	347.00980	947.85990	1.18905	2046.31000
1.496	4.001	338.21440	1233.87605	529.60957	386.31490	100.50000	2.50161	347.42990	947.87990	1.19047	2046.31000
	GRADIENT	.00944	.02810	.01226	-.03844	-.05007	.00044	.00997	.00635	.00306	.00058

IA310 (AEDC 16TF-783) FLOW ANGULARITIES-FAIR OFF

(VCM017) ( 04 OCT 91 )

PARAMETRIC DATA

MACH	BETA	P	PT	Q(PSF)	T(R)	TT(F)	RN/L	PC	PREF	SH10+3	PATM
1.520	-3.987	328.20480	1240.22391	530.71889	382.36940	100.50000	2.50179	337.25980	875.97000	1.13430	2047.60500
1.520	-2.985	327.66360	1238.18060	529.84420	382.36690	100.50000	2.49771	336.70000	875.98000	1.13615	2047.60500
1.520	-1.990	327.17800	1237.09509	529.34875	382.30470	100.50000	2.49519	336.20000	876.01000	1.13117	2047.57001
1.520	-.992	327.58450	1238.17929	529.83138	382.32400	100.50000	2.49793	336.61990	876.01980	1.14811	2047.60500
1.520	.015	327.88450	1239.39900	530.34944	382.33720	100.50000	2.49996	336.92990	876.04980	1.13206	2047.57001
1.520	1.004	327.69310	1238.23770	529.87111	382.37600	100.50000	2.49777	336.73000	876.09990	1.13313	2047.60500
1.520	2.006	327.60690	1237.71182	529.65369	382.39360	100.50000	2.49677	336.63990	876.10990	1.13361	2047.57001
1.520	3.001	327.26610	1236.88422	529.28086	382.33080	100.50000	2.49537	336.28980	876.12990	1.14930	2047.57001
1.520	3.996	327.24020	1235.94389	528.91355	382.40280	100.50000	2.49380	336.25980	876.12990	1.15321	2047.57001
	GRADIENT	-.06817	-.32908	-.13789	.00426	-.00000	-.00060	-.07078	.02286	.00175	-.00410

ALPHA = .000 PHI = 90.000

GRADIENT INTERVAL = -5.00/ 5.00

GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	P	PT	Q(PSF)	T(R)	TT(F)	RN/L	PC	PREF	SH10+3	PATM
1.544	-3.987	318.12040	1244.46027	530.59740	378.08500	100.10000	2.50271	326.99000	900.50000	1.23075	2045.82001
1.544	-2.979	317.72360	1243.17459	530.03596	378.05930	100.10000	2.50007	326.57980	900.53980	1.23200	2045.82001
1.544	-1.989	317.48220	1242.18021	529.61465	378.05830	100.10000	2.49820	326.32980	900.62990	1.23618	2045.78500
1.543	-.991	317.44510	1241.54124	529.36597	378.09740	100.10000	2.49716	326.28980	900.64990	1.24004	2045.82001
1.544	.017	317.54790	1242.70139	529.82309	378.00900	100.10000	2.49965	326.39990	900.68990	1.25505	2045.82001
1.543	1.010	317.98540	1243.47298	530.19740	378.08540	100.10000	2.50163	326.84990	900.73000	1.26083	2045.82001
1.544	2.000	317.81050	1243.23175	530.07371	377.99560	100.00000	2.50129	326.66990	900.76980	1.24805	2045.78500
1.543	3.001	317.09790	1239.92827	528.68990	378.03760	100.00000	2.49488	325.92990	900.78980	1.25134	2045.82001
1.543	3.995	317.18380	1240.09323	528.76803	378.01320	100.00000	2.49602	326.01980	900.81980	1.28070	2045.82001
	GRADIENT	-.07396	-.38709	-.16047	-.00819	-.01503	-.00053	-.07670	.03992	.00505	-.00000



( VCM018 ) ( 04 OCT 91 )

IA310 (AEDC 16TF-783) FLOW ANGULARITIES-FAIR OFF

PARAMETRIC DATA

ALPHA = .000 PHI = 90.000

RUN NO. 1272/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	P	PT	Q(PSF)	T(R)	TT(F)	RN/L	PC	PREF	SH10+3	PATM
.900	-3.989	753.15620	1273.62000	426.90500	481.40650	99.70000	2.50183	763.16990	979.31980	.76436	2047.00999
.900	-2.989	753.41380	1273.94000	426.97170	481.41920	99.70000	2.50236	763.42990	979.39990	.77897	2047.00999
.900	-1.985	752.91210	1273.78000	427.16040	481.34470	99.70000	2.50258	762.92990	979.46000	.78981	2047.00999
.900	-.993	753.15310	1273.84000	427.05790	481.38230	99.70000	2.50243	763.16990	979.52980	.80943	2047.00999
.900	.016	753.17720	1273.56000	426.85160	481.41700	99.70000	2.50163	763.18990	979.57980	.81183	2047.00999
.899	1.005	753.40090	1273.39999	426.60820	481.47510	99.70000	2.50090	763.40990	979.64990	.79438	2047.00999
.900	2.005	752.92580	1273.50999	426.96660	481.37650	99.70000	2.50183	762.93990	979.67990	.79214	2046.97501
.900	2.998	753.09990	1273.34000	426.74630	481.42650	99.70000	2.50113	763.10990	979.74000	.79008	2047.00999
.900	4.000	752.79130	1273.05000	426.73070	481.40140	99.70000	2.50074	762.79980	979.76980	.79243	2047.00999
GRADIENT		-.03552	-.08448	-.03690	.00263	.00000	-.00018	-.03642	.05644	.00226	-.00116

RUN NO. 1266/ 0 RN/L = 2.51 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	P	PT	Q(PSF)	T(R)	TT(F)	RN/L	PC	PREF	SH10+3	PATM
1.250	-3.985	462.73190	1198.10001	505.85570	425.78100	99.09999	2.50562	472.85990	904.68990	.91133	2045.67999
1.250	-2.987	462.49410	1197.84000	505.77590	425.74490	99.09999	2.50506	472.61990	904.66990	.91401	2045.71500
1.250	-1.986	462.56350	1197.92999	505.80640	425.75390	99.09999	2.50525	472.68990	904.68990	.90899	2045.67999
1.250	-.981	462.62110	1198.25000	505.95580	425.73660	99.09999	2.50591	472.75000	904.70000	.91122	2045.67999
1.250	.015	462.75320	1197.89000	505.74440	425.80790	99.09999	2.50519	472.87990	904.71000	.91397	2045.67999
1.250	1.008	462.81960	1198.41000	505.99370	425.77270	99.09999	2.50626	472.95000	904.72000	.91109	2045.71500
1.250	2.003	462.42700	1197.46001	505.59810	425.76590	99.09999	2.50427	472.54980	904.73000	.90688	2045.71500
1.250	2.999	462.70120	1198.22000	505.92310	425.76070	99.09999	2.50586	472.82980	904.73000	.92119	2045.71500
1.250	4.000	462.63180	1198.14000	505.89770	425.75070	99.09999	2.50569	472.75980	904.74000	.90883	2045.71500
GRADIENT		.00246	.00871	.00387	-.00023	.00000	.00002	.00250	.00804	.00012	.00409

RUN NO. 1261/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	P	PT	Q(PSF)	T(R)	TT(F)	RN/L	PC	PREF	SH10+3	PATM
1.400	-3.988	381.71410	1215.17999	523.91360	402.01810	100.00000	2.49900	391.41990	860.38990	.99844	2045.29500
1.399	-2.980	382.00320	1214.78000	523.73270	402.14280	100.00000	2.49848	391.71000	860.43990	1.00146	2045.29500
1.400	-1.984	381.63720	1214.78999	523.74440	402.03200	100.00000	2.49823	391.33980	860.51000	.99876	2045.29500
1.400	-.986	381.82350	1215.07001	523.86370	402.06150	100.00000	2.49888	391.52980	860.53980	.98252	2045.25999
1.400	.019	381.57710	1214.92000	523.80. . .	402.00150	100.00000	2.49842	391.27980	860.56980	.97999	2045.29500
1.400	1.008	382.00070	1215.24000	523.93410	402.09860	100.00000	2.49932	391.71000	860.57980	.97974	2045.29500
1.400	2.000	381.79660	1214.60001	523.65820	402.09790	100.00000	2.49800	391.50000	860.59990	.98290	2045.25999
1.400	3.001	381.88990	1215.53999	524.06760	402.03710	100.00000	2.49978	391.59990	860.62990	.98745	2045.25999
1.400	4.001	381.73850	1214.42999	523.58520	402.09640	100.00000	2.49765	391.43990	860.63990	.98304	2045.25999
GRADIENT		.00422	-.01557	-.00687	.00275	.00000	-.00003	.00416	.02991	-.00231	-.00468

IA310 (AEDC 16TF-783) FLOW ANGULARITIES-FAIR OFF

(VCMO18) ( 04 OCT 91 )

PARAMETRIC DATA

ALPHA = .000 PHI = 90.000

RUN NO. 1228/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	P	PT	Q(PSF)	T(R)	TT(F)	RN/L	PC	PREF	SH10+3	PATM
1.449	-3.987	359.25660	1226.39000	528.35940	394.21900	100.20000	2.49904	368.74000	934.11990	1.55410	2046.73000
1.450	-2.980	359.06130	1226.06000	528.21190	394.25830	100.30000	2.49768	368.53980	934.12990	1.55856	2046.76500
1.450	-1.985	358.95290	1226.05000	528.20210	394.22530	100.30000	2.49756	368.42990	934.15990	1.55857	2046.76500
1.450	-.992	358.99460	1225.61000	528.02150	394.34940	100.40000	2.49623	368.47000	934.17990	1.55509	2046.76500
1.450	.016	359.16750	1226.50000	528.40060	394.32180	100.40000	2.49796	368.64990	934.21000	1.55396	2046.76500
1.450	1.009	358.71850	1225.59000	527.99900	394.26440	100.40000	2.49594	368.18990	934.24000	1.54707	2046.76500
1.450	2.006	358.81350	1226.34000	528.31590	394.29570	100.50000	2.49675	368.28980	934.25000	1.54212	2046.76500
1.450	2.996	358.77780	1225.61000	528.01030	394.35160	100.50000	2.49543	368.25000	934.28980	1.53904	2046.73000
1.450	3.997	359.05100	1226.13000	528.24050	394.38960	100.50000	2.49661	368.52980	934.32980	1.53440	2046.73000
GRADIENT		-.03723	-.03052	-.01460	.01701	.03676	-.00031	-.03795	-.02606	-.00298	-.00175

IA310 (AEDC 16TF-783) FLOW ANGULARITIES-FAIR OFF

(VCMO19) ( 04 OCT 91 )

PARAMETRIC DATA

ALPHA = .000 PHI = -90.000

RUN NO. 1224/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	P	PT	Q(PSF)	T(R)	TT(F)	RN/L	PC	PREF	SH10+3	PATM
.900	4.025	752.70120	1273.02000	426.76390	481.73240	100.10000	2.49847	762.71000	983.43990	1.74285	2046.48500
.900	3.016	752.93290	1273.02000	426.62570	481.68870	100.00000	2.49874	762.93990	983.50980	1.73395	2046.48500
.900	2.005	752.79880	1273.24001	426.85670	481.81250	100.20000	2.49837	762.80980	983.56980	1.72921	2046.48500
.900	1.000	752.83010	1273.16000	426.78320	481.56880	99.89999	2.49984	762.83980	983.63990	1.72489	2046.48500
.900	-.016	752.96190	1273.09000	426.65650	481.77270	100.10000	2.49832	762.97000	983.68990	1.72941	2046.48500
.900	-1.012	752.94290	1273.02000	426.61990	481.77660	100.10000	2.49815	762.95000	983.74000	1.71626	2046.48500
.900	-2.013	752.78030	1273.12000	426.78540	481.56400	99.89999	2.49979	762.78980	983.80980	1.72937	2046.48500
.900	-3.023	752.99240	1273.09000	426.63840	481.60600	99.89999	2.49943	763.00000	983.86990	1.72941	2046.48500
.900	-4.039	752.90840	1273.31000	426.83940	481.73900	100.10000	2.49899	762.91990	983.92990	1.72469	2046.48500
GRADIENT		-.01795	-.01641	-.00057	.00842	.01154	-.00009	-.01807	-.05993	-.00157	-.00000

IA310 (AEDC 16TF-783) FLOW ANGULARITIES-FAIR OFF (VCMO19) ( 04 OCT 91 )

PARAMETRIC DATA

ALPHA = .000 PHI = -90.000

RUN NO. 1169/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	P	PT	Q(PSF)	T(R)	TT(F)	RN/L	PC	PREF	SH10+3	PATM
1.250	4.023	462.52440	1197.82001	505.75900	426.21190	99.70000	2.50148	472.64990	1059.55000	.89680	2054.98999
1.250	3.010	462.59230	1198.11000	505.89140	426.20040	99.70000	2.50208	472.72000	1059.57001	.89658	2054.95499
1.250	2.001	462.61180	1198.13000	505.89700	426.12740	99.59999	2.50271	472.74000	1059.58000	.89413	2054.98999
1.250	.995	462.69310	1197.95000	505.78810	426.16700	99.59999	2.50236	472.81980	1059.59000	.91890	2054.98999
1.250	-.013	462.51440	1197.81000	505.75610	426.13430	99.59999	2.50205	472.63990	1059.61000	.89925	2055.02499
1.250	-1.009	462.65310	1197.94000	505.79170	426.15750	99.59999	2.50233	472.77980	1059.63000	.89671	2054.98999
1.250	-2.027	462.61330	1197.92999	505.79540	426.22440	99.70000	2.50172	472.74000	1059.64999	.89428	2054.98999
1.250	-3.024	462.63480	1197.69000	505.66920	426.33060	99.80000	2.50064	472.75980	1059.66000	.90670	2055.02499
1.250	-4.043	462.39330	1198.03999	505.89920	426.30760	99.89999	2.50073	472.51980	1059.69000	.91138	2055.02499
GRADIENT		.00720	.01302	.00502	-.01584	-.02152	.00015	.00732	-.01672	-.00111	-.00579

RUN NO. 1188/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	P	PT	Q(PSF)	T(R)	TT(F)	RN/L	PC	PREF	SH10+3	PATM
1.400	4.025	382.11450	1215.99001	524.25980	402.56490	100.70000	2.49662	391.82980	902.99000	1.19969	2051.70001
1.400	3.024	382.18650	1215.56000	524.07030	402.62720	100.70000	2.49589	391.89990	903.04980	1.20330	2051.70001
1.399	2.004	382.47920	1216.20000	524.34420	402.65480	100.70000	2.49727	392.20000	903.08980	1.20586	2051.70001
1.399	.998	382.30490	1215.59000	524.08110	402.65990	100.70000	2.49603	392.01980	903.12990	1.20009	2051.70001
1.400	-.019	382.32100	1216.17999	524.33890	402.60910	100.70000	2.49711	392.03980	903.15990	1.20588	2051.70001
1.400	-1.004	382.29420	1215.75000	524.15140	402.64160	100.70000	2.49631	392.00980	903.20000	1.20951	2051.70001
1.400	-2.024	382.20360	1216.00000	524.26250	402.59060	100.70000	2.49670	391.91990	903.24000	1.21890	2051.70001
1.400	-3.015	382.26220	1216.12000	524.31370	402.59690	100.70000	2.49696	391.98000	903.27980	1.21878	2051.70001
1.400	-4.035	382.13530	1215.84000	524.19380	402.58520	100.70000	2.49636	391.84990	903.31980	1.21262	2051.70001
GRADIENT		.00413	-.01400	-.00622	-.00259	.00000	-.00002	.00409	-.03939	-.00221	.00000

RUN NO. 1202/ O RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	P	PT	Q(PSF)	T(R)	TT(F)	RN/L	PC	PREF	SH10+3	PATM
1.450	4.030	358.91260	1226.24001	528.27930	394.75830	101.10000	2.49310	368.38990	976.36990	1.31861	2052.67999
1.450	3.019	359.11960	1226.23000	528.28560	394.82420	101.10000	2.49328	368.59990	976.35990	1.31171	2052.71500
1.450	2.011	358.93480	1225.72000	528.06420	394.81320	101.10000	2.49221	368.40990	976.37990	1.30881	2052.67999
1.450	1.005	358.78540	1226.00999	528.17700	394.73950	101.10000	2.49258	368.25980	976.37990	1.30163	2052.71500
1.451	-.003	358.58840	1226.00000	528.16280	394.67850	101.10000	2.49237	368.05980	976.40990	1.29822	2052.71500
1.450	-1.001	358.89260	1226.28000	528.29490	394.74830	101.10000	2.49316	368.36990	976.42990	1.30477	2052.71500
1.450	-2.009	359.03150	1226.06000	528.21040	394.81230	101.10000	2.49290	368.50980	976.46000	1.30501	2052.71500
1.450	-3.011	358.71680	1225.94000	528.14450	394.79490	101.20000	2.49180	368.18990	976.49000	1.31202	2052.71500
1.450	-4.025	358.72750	1225.77000	528.07450	394.81400	101.20000	2.49151	368.20000	976.51980	1.31569	2052.67999
GRADIENT		.02733	.02988	.01381	-.00235	-.01159	.00015	.02785	-.01988	.00026	-.00115

IA310 (AEDC 16TF-783) FLOW ANGULARITIES-FAIR OFF

(VCM019) ( 04 OCT 91 )

PARAMETRIC DATA

ALPHA = .000 PHI = -90.000

RUN NO. 1281/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	P	PT	Q(PSF)	T(R)	TT(F)	RN/L	PC	PREF	SH10+3	PATM
1.473	4.024	348.03640	1229.21405	528.76035	389.93680	100.00000	2.50029	357.37990	939.80980	1.07805	2047.42999
1.473	3.007	348.41720	1230.13626	529.16830	390.00460	100.00000	2.50172	357.76980	939.83980	1.06322	2047.42999
1.473	2.004	348.41850	1229.93294	529.08596	390.02930	100.00000	2.50126	357.76980	939.86990	1.06062	2047.39500
1.473	.993	348.08810	1229.35019	528.82211	390.00220	100.00000	2.49941	357.42990	939.89990	1.04446	2047.39500
1.473	-0.010	347.78690	1228.58417	528.48621	389.97730	100.00000	2.49772	357.11990	939.90990	1.04233	2047.42999
1.473	-1.012	347.66240	1227.92455	528.20776	390.07200	100.10000	2.49575	356.99000	939.93990	1.04015	2047.39500
1.474	-2.014	347.39890	1227.68738	528.08946	390.09890	100.20000	2.49408	356.72000	939.95000	1.02668	2047.39500
1.473	-3.021	347.39380	1226.40582	527.56825	390.18970	100.20000	2.49231	356.71000	939.98000	1.04420	2047.42999
1.474	-4.040	346.99930	1226.48361	527.56467	390.04220	100.20000	2.49229	356.30980	940.00980	1.04680	2047.42999
GRADIENT		.16033	.46401	.20180	-.01962	-.03145	.00130	.16556	-.02354	.00421	-.00001

RUN NO. 1243/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	P	PT	Q(PSF)	T(R)	TT(F)	RN/L	PC	PREF	SH10+3	PATM
1.496	4.023	336.65600	1228.47318	527.28117	386.21190	100.40000	2.49132	345.81980	947.86990	1.19562	2046.31000
1.496	3.012	337.46850	1231.45026	528.55925	386.14580	100.30000	2.49788	346.65990	947.86990	1.19277	2046.31000
1.495	1.999	337.59810	1231.16341	528.46124	386.22560	100.30000	2.49731	346.78990	947.87990	1.18687	2046.31000
1.496	.996	337.48830	1231.63132	528.63313	386.15870	100.30000	2.49778	346.67990	947.86990	1.17714	2046.31000
1.496	-0.027	337.96440	1232.93365	529.20644	386.13650	100.20000	2.50100	347.16990	947.87990	1.17287	2046.31000
1.496	-1.013	338.13770	1233.90837	529.61364	386.12380	100.20000	2.50253	347.34990	947.86990	1.15976	2046.31000
1.496	-2.024	337.69310	1232.34100	528.93980	386.12520	100.20000	2.49921	346.88990	947.87990	1.15516	2046.31000
1.496	-3.020	337.10600	1229.57391	527.77213	386.11130	100.10000	2.49442	346.27980	947.85990	1.15775	2046.31000
1.496	-4.039	337.16020	1230.62445	528.19452	386.03270	100.10000	2.49632	346.33980	947.86990	1.15674	2046.31000
GRADIENT		-.02952	-.12681	-.05383	.01749	.03477	-.00030	-.03021	.00050	.00565	.00001

RUN NO. 1289/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	P	PT	Q(PSF)	T(R)	TT(F)	RN/L	PC	PREF	SH10+3	PATM
1.520	4.024	327.90280	1239.64449	530.44752	382.38180	100.60000	2.49995	336.95000	873.06980	1.13779	2047.60500
1.520	3.023	328.25240	1240.53609	530.84694	382.42210	100.60000	2.50185	337.30980	873.22000	1.13699	2047.57001
1.520	1.988	327.95390	1239.14192	530.26166	382.44090	100.60000	2.49922	337.00000	873.37990	1.14125	2047.57001
1.520	.994	327.28440	1237.20227	529.40618	382.38060	100.60000	2.49526	336.30980	873.48000	1.14600	2047.57001
1.520	-0.015	327.21800	1236.64008	529.17893	382.40840	100.60000	2.49423	336.24000	873.57980	1.14652	2047.57001
1.520	-1.006	328.31050	1240.53372	530.85445	382.42680	100.60000	2.50221	337.36990	873.65990	1.14897	2047.57001
1.520	-2.014	327.69780	1239.36908	530.30932	382.33180	100.60000	2.49934	336.74000	873.75000	1.14100	2047.57001
1.519	-3.016	327.40550	1236.41832	529.12243	382.49730	100.60000	2.49336	336.42990	873.79980	1.14376	2047.53500
1.520	-4.040	327.11010	1236.70808	529.18875	382.36890	100.60000	2.49416	336.12990	873.84990	1.14344	2047.53500
GRADIENT		.08634	.33731	.14389	-.00002	.00000	.00066	.08936	-.09575	-.00075	.00638

IA310 (AEDC 16TF-783) FLOW ANGULARITIES-FAIR OFF (VCMO19) ( 04 OCT 91 )

## PARAMETRIC DATA

ALPHA = .000 PHI = -90.000

RUN NO. 1256/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	P	PT	Q(PSF)	T(R)	TT(F)	RN/L	PC	PREF	SH10+3	PATM
1.543	4.023	317.98610	1243.42867	530.18109	378.11160	100.10000	2.50114	326.84990	900.88990	1.24463	2045.82001
1.544	3.016	317.26000	1241.29514	529.23800	377.98560	100.00000	2.49713	326.09990	900.88990	1.24027	2045.78500
1.543	2.004	317.09010	1239.77226	528.63081	378.01540	99.89999	2.49455	325.91990	900.89990	1.22577	2045.78500
1.543	.993	317.16820	1240.10873	528.77295	378.17380	100.10000	2.49353	326.00000	900.89990	1.20647	2045.82001
1.544	-.016	317.06840	1240.78856	529.01238	377.95190	99.89999	2.49559	325.89990	900.89990	1.19952	2045.78500
1.544	-1.012	317.19290	1241.51582	529.30952	378.06670	100.10000	2.49576	326.02980	900.92990	1.19882	2045.78500
1.544	-2.025	317.42430	1242.39494	529.68616	378.05740	100.10000	2.49775	326.26980	900.91990	1.20738	2045.78500
1.544	-3.021	317.97510	1244.20837	530.47539	378.07350	100.10000	2.50178	326.83980	900.93990	1.21826	2045.78500
1.544	-4.040	318.29420	1245.16359	530.89613	377.88550	99.80000	2.50582	327.16990	900.97000	1.22688	2045.75000
GRADIENT		-.06725	-.36903	-.15235	.01105	.00831	-.00068	-.06987	-.00894	.00301	.00521

IA310 (AEDC 16TF-783) FLOW ANGULARITIES-FAIR OFF

(VCMO20) ( 04 OCT 91 )

## PARAMETRIC DATA

ALPHA = .000 PHI = -90.000

RUN NO. 1273/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	P	PT	Q(PSF)	T(R)	TT(F)	RN/L	PC	PREF	SH10+3	PATM
.900	4.025	753.08840	1273.42000	426.80810	481.41580	99.70000	2.50137	763.09990	979.95000	.80310	2047.00999
.900	3.016	753.02830	1273.39999	426.83010	481.40700	99.70000	2.50139	763.03980	980.00000	.80971	2047.00999
.900	1.999	753.07810	1273.44000	426.82790	481.41190	99.70000	2.50144	763.08980	980.01980	.82305	2047.04500
.900	.995	752.81520	1273.50999	427.03250	481.35620	99.70000	2.50197	762.82980	980.04980	.80964	2047.00999
.900	-.022	753.13090	1273.25999	426.67290	481.44090	99.70000	2.50087	763.13990	980.09990	.80320	2047.00999
.900	-1.012	752.86990	1273.17999	426.77290	481.31570	99.59999	2.50157	762.87990	980.11990	.79887	2047.00999
.900	-2.018	752.94460	1272.89999	426.53610	481.53170	99.80000	2.49955	762.95000	980.13990	.80123	2047.00999
.900	-3.018	752.78200	1273.00000	426.70190	481.49120	99.80000	2.50004	762.78980	980.15990	.80117	2047.00999
.899	-4.039	753.01760	1272.71001	426.36210	481.56570	99.80000	2.49894	763.01980	980.16990	.79917	2047.00999
GRADIENT		.02038	.09020	.04988	-.01741	-.01323	.00030	.02146	-.02765	.00158	.00115

IA310 (AEDC 16TF-783) FLOW ANGULARITIES-FAIR OFF (VCMO20) ( 04 OCT 91 )

PARAMETRIC DATA

ALPHA = .000 PHI = -90.000

RUN NO. 1267/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	P	PT	Q(PSF)	T(R)	TT(F)	RN/L	PC	REF	SH10+3	PATM
1.249	4.020	462.69580	1197.52000	505.56930	425.83030	99.09999	2.50443	472.81980	904.77980	.90683	2045.71500
1.250	3.018	462.51120	1198.28000	505.99510	425.70480	99.09999	2.50596	472.63990	904.77980	.90625	2045.75000
1.250	1.999	462.41260	1198.11000	505.93040	425.77220	99.20000	2.50501	472.53980	904.78980	.90638	2045.75000
1.250	.993	462.43730	1197.42999	505.58060	425.92410	99.30000	2.50303	472.55980	904.79980	.90444	2045.75000
1.250	-.015	462.94750	1198.63000	506.07690	426.01250	99.39999	2.50496	473.07980	904.82980	.90108	2045.75000
1.249	-1.016	462.57740	1197.35001	505.50930	426.04520	99.39999	2.50229	472.70000	904.84990	.90204	2045.78500
1.250	-2.017	462.85890	1198.47000	506.01510	426.08150	99.50000	2.50403	472.99000	904.85990	.89875	2045.78500
1.250	-3.025	462.43550	1197.66000	505.69750	426.05250	99.50000	2.50232	472.55980	904.88990	.90181	2045.78500
1.250	-4.044	462.86040	1198.27000	505.91380	426.17850	99.59999	2.50303	472.99000	904.88990	.90135	2045.82001
GRADIENT		-.02425	-.02947	-.00966	-.05256	-.06455	.00032	-.02453	-.01590	.00088	-.01042

RUN NO. 1262/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	P	PT	Q(PSF)	T(R)	TT(F)	RN/L	PC	REF	SH10+3	PATM
1.400	4.019	381.92260	1215.03000	523.84370	402.09500	100.00000	2.49888	391.62990	860.72000	.99053	2045.25999
1.400	3.006	381.77510	1214.88000	523.78120	401.99290	99.89999	2.49909	391.48000	860.73000	1.02315	2045.25999
1.400	1.998	381.87010	1215.52000	524.05910	402.03300	100.00000	2.49973	391.57980	860.75000	1.01713	2045.25999
1.400	.997	381.75490	1214.95000	523.81200	401.98020	99.89999	2.49920	391.46000	860.75000	1.01761	2045.25999
1.400	-.020	382.09940	1215.24001	523.93210	402.05640	99.89999	2.49999	391.80980	860.76000	1.01736	2045.29500
1.400	-1.014	381.81520	1214.83000	523.75850	402.15330	100.10000	2.49784	391.51980	860.76980	.98802	2045.29500
1.400	-2.020	381.81320	1215.13000	523.88960	401.98070	99.89999	2.49957	391.51980	860.78980	.97982	2045.29500
1.400	-3.021	381.70800	1214.56000	523.64260	402.14670	100.10000	2.49727	391.40990	860.78980	.98558	2045.29500
1.400	-4.041	382.00170	1215.03999	523.84640	402.18970	100.10000	2.49836	391.71000	860.79980	.99587	2045.29500
GRADIENT		-.00109	.03003	.01316	-.01505	-.01655	.00015	-.00090	-.00991	.00323	-.00580

RUN NO. 1231/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	P	PT	Q(PSF)	T(R)	TT(F)	RN/L	PC	REF	SH10+3	PATM
1.450	4.014	358.93410	1225.89000	528.13480	393.81180	99.70000	2.50084	368.40990	931.21000	1.37913	2046.55499
1.450	3.013	359.01220	1226.00000	528.18460	393.89650	99.80000	2.50051	368.49000	931.29980	1.37540	2046.59000
1.450	1.994	358.82670	1225.69000	528.04610	393.86670	99.80000	2.49979	368.29980	931.37990	1.37936	2046.59000
1.450	.999	359.00070	1226.32001	528.31710	393.86350	99.80000	2.50106	368.48000	931.43990	1.39315	2046.59000
1.451	-.025	358.49070	1225.84000	528.09110	393.81790	99.89999	2.49914	367.96000	931.50980	1.39735	2046.59000
1.450	-1.012	359.06050	1226.20000	528.27030	393.96360	99.89999	2.50031	368.53980	931.56980	1.38602	2046.55499
1.451	-2.015	358.50120	1225.71001	528.03780	393.83330	99.89999	2.49892	367.97000	931.61990	1.38295	2046.59000
1.450	-3.027	358.92160	1226.36000	528.32960	393.76460	99.70000	2.50166	368.39990	931.64990	1.37140	2046.55499
1.450	-4.057	358.88530	1225.75999	528.07840	394.01950	100.00000	2.49878	368.35990	931.75000	1.36848	2046.55499
GRADIENT		.01756	-.00777	-.00234	-.00778	-.01990	.00012	.01776	-.06322	.00090	.00232

IA310 (AEDC 16TF-783) FLOW ANGULARITIES-FAIR OFF (VCM021) ( 04 OCT 91 )

## PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 1171/ 0 RN/L = 2.51 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	P	PT	Q(PSF)	T(R)	TT(F)	RN/L	PC	PREF	SH10+3	PATM
1.300	.012	433.63130	1201.08000	512.79200	417.65580	99.09999	2.50504	443.65990	1030.37000	.95194	2055.09500
1.300	-4.013	433.54540	1200.61000	512.57810	417.52930	98.89999	2.50527	443.56980	1030.42000	.96528	2055.09500
	GRADIENT	.02134	.11675	.05313	.03142	.04968	-.00006	.02238	-.01243	-.00331	-.00002

RUN NO. 1175/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	P	PT	Q(PSF)	T(R)	TT(F)	RN/L	PC	PREF	SH10+3	PATM
1.350	.017	406.55150	1206.67999	518.74630	410.43950	100.40000	2.49556	416.43990	1002.96000	1.11032	2054.98999
1.350	-4.028	406.92530	1207.12000	518.91530	410.50440	100.40000	2.49759	416.81980	1003.02000	1.11884	2054.98999
	GRADIENT	-.09242	-.10879	-.04179	-.01605	.00000	-.00025	-.09393	-.01484	-.00211	.00000

RUN NO. 1233/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	P	PT	Q(PSF)	T(R)	TT(F)	RN/L	PC	PREF	SH10+3	PATM
1.470	.010	347.88550	1223.36691	526.36092	390.49930	100.70000	2.49360	357.22000	939.32980	1.31990	2046.52000
1.470	-4.025	347.92260	1223.51332	526.42257	390.25850	100.40000	2.49626	357.25980	939.47000	1.33682	2046.52000
	GRADIENT	-.00920	-.03629	-.01528	.03968	.07435	-.00066	-.00986	-.03475	-.00419	.00000

RUN NO. 1245/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	P	PT	Q(PSF)	T(R)	TT(F)	RN/L	PC	PREF	SH10+3	PATM
1.519	.009	326.84160	1234.15262	528.15855	382.07200	100.10000	2.49425	335.84990	950.84990	1.21677	2046.31000
1.519	-4.019	327.56130	1235.83386	528.92096	382.18160	100.10000	2.49765	336.58980	950.99000	1.20571	2046.31000
	GRADIENT	-.17867	-.41739	-.18928	-.02721	.00000	-.00085	-.18369	-.03478	.00274	-.00002

IA310 (AEDC 16TF-783) FLOW ANGULARITIES-FAIR OFF

(VCM022) ( 04 OCT 91 )

## PARAMETRIC DATA

BETA = .000 PHI = 180.000

RUN NO. 1172/ 0 RN/L = 2.51 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	P	PT	Q(PSF)	T(R)	TT(F)	RN/L	PC	PREF	SH10+3	PATM
1.300	-.015	433.51120	1201.17000	512.85400	417.31470	98.70000	2.50755	443.53980	1030.56000	.93400	2055.06000
1.300	4.027	433.70040	1201.14000	512.81010	417.44460	98.80000	2.50696	443.73000	1030.62000	.92144	2055.06000
	GRADIENT	.04681	-.00742	-.01086	.03214	.02474	-.00015	.04706	.01485	-.00311	.00000





IA310 (AEDC 16TF-783) FLOW ANGULARITIES-FAIR OFF

(VCM024) ( 04 OCT 91 )

PARAMETRIC DATA

ALPHA = .000 PHI = 90.000

RUN NO. 1173/ 0 RN/L = 2.51 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	P	PT	Q(PSF)	T(R)	TT(F)	RN/L	PC	PREF	SH10+3	PATM
1.300	1.999	433.69240	1200.88000	512.68550	417.54300	98.89999	2.50585	443.72000	1030.75999	.90675	2055.02499
1.299	-2.029	435.12300	1203.60001	513.77690	417.66580	98.89999	2.51167	445.17990	1030.88000	.87325	2055.02499
	GRADIENT	-.35522	-.67538	-.27100	-.03049	.00000	-.00145	-.36249	-.02980	.00832	.00000

RUN NO. 1177/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	P	PT	Q(PSF)	T(R)	TT(F)	RN/L	PC	PREF	SH10+3	PATM
1.350	1.994	406.76560	1207.27000	518.99850	410.44360	100.40000	2.49779	416.65990	1003.35000	1.17050	2055.02499
1.350	-2.023	406.70870	1206.89000	518.82890	410.46440	100.40000	2.49704	416.59990	1003.35000	1.18337	2055.02499
	GRADIENT	.01417	.09461	.04222	-.00518	-.00000	.00019	.01494	.00000	-.00321	.00000

RUN NO. 1235/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	P	PT	Q(PSF)	T(R)	TT(F)	RN/L	PC	PREF	SH10+3	PATM
1.470	1.995	348.76780	1226.49271	527.70529	390.04520	100.00000	2.50346	358.12990	940.13990	1.29976	2046.52000
1.470	-2.016	348.79640	1226.81020	527.83782	389.96750	99.89999	2.50442	358.15990	940.16990	1.29275	2046.52000
	GRADIENT	-.00713	-.07914	-.03304	.01937	.02493	-.00024	-.00748	-.00748	.00175	.00000

RUN NO. 1247/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	P	PT	Q(PSF)	T(R)	TT(F)	RN/L	PC	PREF	SH10+3	PATM
1.519	1.995	327.60550	1236.47505	529.17600	382.02030	100.00000	2.50036	336.63990	951.66990	1.24330	2046.24001
1.519	-2.016	327.22750	1235.26059	528.64835	382.06320	100.10000	2.49736	336.25000	951.74000	1.24773	2046.24001
	GRADIENT	.09423	.30275	.13154	-.01069	-.02493	.00075	.09720	-.01747	-.00111	.00000

IA310 (AEDC 16TF-783) FLOW ANGULARITIES-FAIR OFF

(VCM025) ( 04 OCT 91 )

PARAMETRIC DATA

ALPHA = .000 PHI = -90.000

RUN NO. 1174/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	P	PT	Q(PSF)	T(R)	TT(F)	RN/L	PC	PREF	SH10+3	PATM
1.300	-2.007	433.49490	1200.70000	512.62940	417.80540	99.30000	2.50306	443.51980	1030.96001	.78239	2055.06000
1.300	2.022	433.49270	1200.97000	512.76030	418.07690	99.70000	2.50123	443.51980	1031.00000	.77578	2055.06000
	GRADIENT	-.00055	.06701	.03249	.06738	.09928	-.00046	-.00000	.00993	-.00164	-.00000

IA310 (AEDC 16TF-783) FLOW ANGULARITIES-FAIR OFF

(VCM025) ( 04 OCT 91 )

PARAMETRIC DATA

ALPHA = .000 PHI = -90.000

RUN NO. 1178/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	P	PT	Q(PSF)	T(R)	TT(F)	RN/L	PC	PREF	SH10+3	PATM
1.350	-2.013	406.83540	1207.17999	518.95090	410.47270	100.40000	2.49766	416.73000	1003.45000	1.20208	2055.02499
1.350	2.022	406.61870	1206.99001	518.88280	410.42870	100.40000	2.49718	416.50980	1003.49000	1.19590	2055.02499
	GRADIENT	-.05371	-.04709	-.01688	-.01091	.00000	-.00012	-.05458	.00991	-.00153	.00001

RUN NO. 1236/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	P	PT	Q(PSF)	T(R)	TT(F)	RN/L	PC	PREF	SH10+3	PATM
1.471	-2.009	348.20610	1225.75934	527.36333	389.89790	99.80000	2.50078	357.54980	940.31980	1.23821	2046.52000
1.471	2.025	347.56350	1224.20045	526.67567	389.82230	99.80000	2.49761	356.88990	940.36990	1.24293	2046.55499
	GRADIENT	-.15928	-.38640	-.17045	-.01874	.00000	-.00079	-.16357	.01242	.00117	.00867

RUN NO. 1248/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	P	PT	Q(PSF)	T(R)	TT(F)	RN/L	PC	PREF	SH10+3	PATM
1.519	-2.009	327.44870	1236.47237	529.15070	381.90230	99.89999	2.50071	336.48000	951.85990	1.24005	2046.20500
1.519	2.031	327.72310	1236.52814	529.21519	382.06030	100.00000	2.50050	336.75980	951.91990	1.24003	2046.20500
	GRADIENT	.06792	.01380	.01596	.03911	.02475	-.00005	.06925	.01485	-.00000	-.00000

IA310 (AEDC 16TF-783) PORT MISORIENT-FAIRING OFF (VCMD26) ( 04 OCT 91 )

PARAMETRIC DATA

ALPHA = .000 BETA = .000

RUN NO. 1293/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	PHI	P	PT	Q(PSF)	T(R)	TT(F)	RN/L	PC	PREF	SH10+3	PATM
.599	-1.983	1252.57600	1596.75000	314.87960	522.25900	100.10000	2.49582	1262.32001	1299.42999	1.56140	2046.38000
.599	-1.746	1252.40700	1596.56000	314.85840	522.25660	100.10000	2.49558	1262.14999	1299.53999	1.55368	2046.41499
.600	-1.508	1252.23700	1597.41000	315.71190	522.15700	100.10000	2.49940	1262.00000	1299.61000	1.54892	2046.41499
.599	-1.271	1252.69901	1596.67000	314.71090	522.28120	100.10000	2.49514	1262.44000	1299.70000	1.53788	2046.38000
.600	-.993	1252.39000	1597.42000	315.59570	522.17430	100.10000	2.49898	1262.14999	1299.78999	1.51776	2046.41499
.600	-.716	1251.94701	1597.21001	315.78200	522.14110	100.10000	2.49948	1261.71001	1299.87000	1.50260	2046.41499
.600	-.479	1252.57001	1597.03999	315.12820	522.23120	100.10000	2.49636	1262.32001	1299.96001	1.49513	2046.38000
.600	-.241	1252.24400	1597.08000	315.42900	522.18870	100.10000	2.49809	1262.00000	1300.02000	1.48750	2046.38000
.599	-.003	1253.01900	1597.39999	315.06230	522.25100	100.10000	2.49703	1262.77000	1300.14000	1.48720	2046.38000
.600	.234	1252.47400	1597.24001	315.37480	522.20120	100.10000	2.49803	1262.23000	1300.17999	1.47979	2046.38000
.599	.472	1252.62601	1596.28999	314.45170	522.30790	100.10000	2.49387	1262.36000	1300.25999	1.46566	2046.38000
.600	.749	1252.44099	1596.89000	315.10820	522.22970	100.10000	2.49676	1262.19000	1300.33000	1.44655	2046.38000
.599	.987	1252.89799	1596.89999	314.74150	522.28320	100.10000	2.49544	1262.64000	1300.39999	1.44654	2046.34500
.600	1.224	1252.60500	1597.31000	315.32620	522.21020	100.10000	2.49791	1262.36000	1300.45000	1.44986	2046.38000
.600	1.501	1252.53900	1597.03999	315.15310	522.22750	100.10000	2.49706	1262.28999	1300.50000	1.45752	2046.34500
.599	1.739	1252.46300	1596.77000	314.98880	522.24370	100.10000	2.49623	1262.21001	1300.59000	1.46896	2046.34500
.599	1.977	1252.62000	1596.59000	314.70900	522.27910	100.10000	2.49506	1262.36000	1300.63000	1.46539	2046.34500
GRADIENT		.05764	-.03079	-.07318	.00973	-.00000	-.00029	.05617	.30226	-.02835	-.01553

RUN NO. 1298/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	PHI	P	PT	Q(PSF)	T(R)	TT(F)	RN/L	PC	PREF	SH10+3	PATM
.900	-2.023	752.84370	1272.89999	426.59620	481.59940	99.89999	2.49911	762.84990	977.10990	1.33856	2046.03000
.900	-1.746	752.79300	1272.92999	426.64700	481.50070	99.80000	2.49983	762.79980	977.21000	1.33503	2046.03000
.900	-1.508	752.90060	1273.16000	426.74100	481.49560	99.80000	2.50032	762.90990	977.26980	1.32435	2046.03000
.900	-1.271	752.92190	1273.07001	426.66630	481.42330	99.70000	2.50063	762.92990	977.36990	1.30720	2046.03000
.900	-.993	752.62180	1272.92999	426.74900	481.46950	99.80000	2.50006	762.62990	977.42990	1.31422	2045.99500
.900	-.756	752.69240	1272.92000	426.70020	481.48360	99.80000	2.49994	762.70000	977.50000	1.31768	2046.03000
.900	-.518	752.75950	1273.14999	426.81810	481.47090	99.80000	2.50048	762.76980	977.58980	1.32436	2045.99500
.900	-.241	752.55150	1272.89999	426.77030	481.54590	99.89999	2.49949	762.55980	977.62990	1.31770	2046.03000
.900	.003	752.81250	1272.98000	426.66990	481.49900	99.80000	2.49995	762.81980	977.70000	1.31416	2046.03000
.900	.234	753.03300	1273.08000	426.60740	481.78660	100.10000	2.49820	763.03980	977.76980	1.32097	2046.03000
.900	.472	752.65230	1272.89999	426.71020	481.56450	99.89999	2.49936	762.65990	977.82980	1.31425	2045.99500
.900	.709	752.77170	1273.02000	426.72190	481.57320	99.89999	2.49953	762.77980	977.89990	.00000	2046.03000
.900	.987	752.75340	1272.87000	426.62940	481.67240	100.00000	2.49857	762.76000	977.93990	1.30057	2045.99500
.900	1.224	752.68040	1273.03999	426.78960	481.64060	100.00000	2.49913	762.68990	977.99000	.00000	2045.99500
.900	1.462	752.61010	1272.99001	426.76680	481.64230	100.00000	2.49902	762.66990	978.04980	.00000	2045.99500
.900	1.739	752.63090	1273.00000	426.79200	481.72190	100.10000	2.49851	762.63990	978.09990	.00000	2045.99500
.900	1.977	752.81130	1273.07001	426.73240	481.74730	100.10000	2.49846	762.81980	978.14990	.00000	2045.99500
GRADIENT		-.02999	.00395	.02061	.06115	-.07789	-.00040	-.02972	.25812	-.37873	-.00897

IA310 (AEDC 16TF-783) PORT MISORIENT-FAIRING OFF (VCM026) ( 04 OCT 91 )

PARAMETRIC DATA

ALPHA = .000 BETA = .000

RUN NO. 1304/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	PHI	P	PT	Q(PSF)	T(R)	TT(F)	RN/L	PC	PREF	SH10+3	PATM
1.250	-1.983	462.59250	1198.06000	505.86600	426.35790	99.89999	2.50080	472.72000	853.26000	1.08592	2045.25999
1.250	-1.746	462.60080	1198.27000	505.97050	426.41500	100.00000	2.50054	472.73000	853.33980	1.09156	2045.25999
1.249	-1.508	462.68460	1197.67999	505.65310	426.49710	100.00000	2.49945	472.80980	853.41990	1.09210	2045.22501
1.250	-1.231	462.64310	1197.96001	505.80420	426.45780	100.00000	2.50001	472.76980	853.48000	1.11544	2045.25999
1.250	- .993	462.57320	1197.95000	505.81420	426.44040	100.00000	2.49998	472.70000	853.53980	1.08312	2045.25999
1.249	- .756	462.68480	1197.64999	505.63770	426.50020	100.00000	2.49939	472.80980	853.58980	1.08339	2045.25999
1.250	- .518	462.60380	1197.88000	505.77220	426.45560	100.00000	2.49984	472.73000	853.62990	1.10366	2045.25999
1.250	- .241	462.69970	1198.39999	506.01460	426.42770	100.00000	2.50092	472.82980	853.71000	1.07693	2045.22501
1.250	- .003	462.53340	1197.92999	505.81270	426.43190	100.00000	2.49994	472.65990	853.75000	1.10066	2045.22501
1.250	.234	462.47310	1198.03000	505.87700	426.48190	100.10000	2.49955	472.59990	853.78980	1.09178	2045.22501
1.250	.472	462.42330	1198.03000	505.88770	426.46870	100.10000	2.49954	472.54980	853.81980	1.06293	2045.22501
1.250	.709	462.44340	1198.00999	505.87300	426.47610	100.10000	2.49950	472.56980	853.86990	1.05160	2045.22501
1.250	.987	462.55250	1198.07001	505.87960	426.49880	100.10000	2.49964	472.67990	853.91990	1.05155	2045.22501
1.250	1.224	462.71140	1198.14999	505.88530	426.53250	100.10000	2.49982	472.83980	853.98000	1.05148	2045.22501
1.250	1.501	462.76220	1198.00999	505.80320	426.56010	100.10000	2.49954	472.88990	854.01000	1.05160	2045.22501
1.250	1.739	462.60350	1197.91000	505.78740	426.52860	100.10000	2.49932	472.73000	854.06980	1.04606	2045.22501
1.250	1.977	462.53220	1198.10001	505.89920	426.49050	100.10000	2.49970	472.65990	854.08980	1.04029	2045.19000
GRADIENT		-.00997	.02230	.01344	.02815	.04337	-.00021	-.00986	.20366	-.01515	-.01278

RUN NO. 1310/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	PHI	P	PT	Q(PSF)	T(R)	TT(F)	RN/L	PC	PREF	SH10+3	PATM
1.400	-2.023	382.12400	1216.06000	524.29030	402.63280	100.80000	2.49616	391.83980	872.03980	.97381	2044.94501
1.400	-1.746	382.19530	1215.72000	524.14010	402.61470	100.70000	2.49618	391.90990	872.07980	.97935	2044.91000
1.400	-1.508	382.15190	1216.37000	524.42530	402.61210	100.80000	2.49674	391.85990	872.12990	.97619	2044.91000
1.400	-1.231	382.09450	1216.03000	524.27780	402.62700	100.80000	2.49608	391.80980	872.15990	.97646	2044.91000
1.400	- .993	382.08500	1215.99001	524.26050	402.62770	100.80000	2.49600	391.79980	872.22000	.97913	2044.94501
1.400	- .756	382.12550	1215.82001	524.18530	402.65600	100.80000	2.49572	391.83980	872.23000	.97663	2044.91000
1.400	- .518	382.22390	1215.92000	524.22710	402.67630	100.80000	2.49598	391.93990	872.26000	.97655	2044.91000
1.400	- .241	382.07620	1215.78999	524.17310	402.64400	100.80000	2.49563	391.78980	872.28980	.97665	2044.94501
1.400	.003	382.14450	1215.96001	524.24610	402.64840	100.80000	2.49599	391.85990	872.30980	.97389	2044.94501
1.400	.234	382.30270	1215.96001	524.24290	402.69630	100.80000	2.49611	392.01980	872.32980	.97652	2044.91000
1.399	.472	382.36250	1215.89999	524.21560	402.71970	100.80000	2.49604	392.07980	872.34990	.97657	2044.94501
1.400	.709	382.23340	1215.98000	524.25320	402.67330	100.80000	2.49609	391.95000	872.37990	.97650	2044.91000
1.400	.987	382.13400	1216.05000	524.28590	402.70870	100.90000	2.49556	391.84990	872.37990	.97382	2044.91000
1.400	1.224	382.33200	1216.00000	524.26000	402.77320	100.90000	2.49561	392.04980	872.42990	.97386	2044.94501
1.400	1.462	382.16430	1215.94000	524.23710	402.72830	100.90000	2.49538	391.87990	872.41990	.97917	2044.91000
1.400	1.739	382.23320	1216.03999	524.27930	402.73950	100.90000	2.49561	391.95000	872.45000	.98970	2044.94501
1.400	1.977	382.38280	1215.80000	524.17140	402.80740	100.90000	2.49528	392.09990	872.43990	1.01416	2044.94501
1.399	GRADIENT	.04535	-.01723	-.00842	.04155	.03654	-.00021	.04575	.10067	.00375	.00311

IA310 (AEDC 16TF-783) PORT MISORIENT-FAIRING OFF

(VCM026) ( 04 OCT 91 )

PARAMETRIC DATA

ALPHA = .000 BETA = .000

RUN NO. 1315/ O RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	PHI	P	PT	Q(PSF)	T(R)	TT(F)	RN/L	PC	PREF	SH10+3	PATM
1.545	-2.023	317.59010	1244.01532	530.33376	378.71070	101.00000	2.49281	326.43990	909.62990	1.10904	2045.19000
1.545	-1.746	317.67630	1244.49358	530.53069	378.69070	101.00000	2.49386	326.52980	909.67990	1.11445	2045.19000
1.545	-1.469	317.57960	1243.97163	530.31398	378.68730	101.00000	2.49317	326.42990	909.72000	1.12667	2045.22501
1.545	-1.271	317.42460	1243.37321	530.05862	378.73730	101.00000	2.49169	326.26980	909.79980	1.13908	2045.22501
1.544	-.993	317.58080	1243.08870	529.97974	378.78880	101.00000	2.49194	326.42990	909.83980	1.16041	2045.22501
1.544	-.716	317.46310	1243.16669	529.98729	378.73660	101.00000	2.49200	326.30980	909.84990	1.16336	2045.19000
1.544	-.479	317.61770	1243.54272	530.15757	378.81270	101.20000	2.49246	326.47000	909.87990	1.17217	2045.22501
1.544	-.241	317.65720	1243.36346	530.09721	378.83840	101.20000	2.49228	326.50980	909.89990	1.17541	2045.22501
1.544	-.003	317.53220	1242.77287	529.85061	378.84670	101.20000	2.49114	326.37990	909.93990	1.17596	2045.22501
1.544	.234	317.48220	1242.97681	529.91709	378.80300	101.20000	2.49158	326.32980	909.96000	1.18191	2045.22501
1.544	.511	317.53200	1242.64360	529.80117	378.84130	101.20000	2.49124	326.37990	909.98000	1.18842	2045.22501
1.544	.749	317.64820	1243.07509	529.98627	378.91580	101.30000	2.49143	326.50000	909.98000	1.18492	2045.22501
1.544	.987	317.69650	1243.17802	530.03461	378.92360	101.30000	2.49165	326.54980	910.01000	1.18483	2045.25999
1.544	1.264	317.73660	1242.88306	529.93002	378.95530	101.30000	2.49137	326.58980	910.02980	1.19131	2045.25999
1.544	1.462	317.62940	1242.73428	529.85344	378.93090	101.30000	2.49099	326.48000	910.04980	1.19144	2045.25999
1.544	1.739	317.45340	1242.68542	529.80165	378.87350	101.30000	2.49070	326.29980	910.04980	1.19147	2045.25999
1.544	1.977	317.41380	1242.97095	529.90294	378.91020	101.40000	2.49037	326.25980	910.04980	1.18500	2045.25999
	GRADIENT	-.00413	-.32556	-.12463	.06432	.09362	-.00061	-.00432	.10274	.01976	.01655

IA310 (AEDC 16TF-783) PORT MISORIENT-FAIRING OFF (VCM027) ( 04 OCT 91 )

PARAMETRIC DATA

ALPHA = -8.000 BETA = .000

RUN NO. 1294/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	PHI	P	PT	Q (PSF)	T (R)	TT (F)	RN/L	PC	PREF	SH10+3	PATM
.599	-2.006	1252.89600	1597.00000	314.82760	522.27370	100.10000	2.49584	1262.64000	1300.87000	1.43909	2046.34500
.599	-1.731	1252.78400	1596.98000	314.90190	522.35550	100.20000	2.49552	1262.53000	1300.94000	1.42084	2046.31000
.600	-1.496	1252.55299	1597.35001	315.40230	522.29350	100.20000	2.49765	1262.31000	1301.00000	1.40966	2046.34500
.599	-1.222	1252.84700	1596.89999	314.78340	522.37060	100.20000	2.49503	1262.59000	1301.08000	1.39214	2046.34500
.599	-.986	1253.19299	1596.88000	314.48240	522.41360	100.20000	2.49391	1262.92999	1301.16000	1.37797	2046.31000
.599	-.751	1252.76100	1597.10001	315.02150	522.34160	100.30000	2.49606	1262.50999	1301.24001	1.36373	2046.31000
.599	-.477	1253.06400	1597.22000	314.87450	522.45970	100.30000	2.49506	1262.81000	1301.30000	1.35318	2046.31000
.599	-.241	1252.57800	1596.66000	314.80200	522.45430	100.30000	2.49432	1262.32001	1301.36000	1.33983	2046.34500
.600	-.006	1252.02699	1597.25000	315.75000	522.33350	100.30000	2.49826	1261.78999	1301.44000	1.32906	2046.31000
.600	.229	1251.80901	1596.49001	315.29000	522.47170	100.40000	2.49538	1261.56000	1301.49001	1.32288	2046.31000
.599	.504	1252.68201	1597.02000	315.01950	522.52640	100.40000	2.49485	1262.42999	1301.53999	1.32584	2046.31000
.600	.739	1252.20599	1596.94000	315.34250	522.57030	100.50000	2.49538	1261.96001	1301.57001	1.33274	2046.31000
.599	.974	1252.57100	1596.97000	315.06810	522.61110	100.50000	2.49441	1262.32001	1301.64999	1.33271	2046.31000
.599	1.210	1252.82300	1597.12000	314.98850	522.72020	100.60000	2.49368	1262.57001	1301.69000	1.34634	2046.31000
.599	1.445	1252.45500	1596.73000	314.96240	522.80620	100.70000	2.49269	1262.20000	1301.75000	1.34667	2046.31000
.599	1.719	1252.41299	1596.75000	315.01320	522.89260	100.80000	2.49233	1262.16000	1301.81000	1.33976	2046.31000
.599	1.955	1252.72099	1597.13000	315.08030	522.80050	100.70000	2.49346	1262.47000	1301.87000	1.33258	2046.31000
GRADIENT		-.10302	-.03859	.05214	.14355	.16316	-.00077	-.10230	.25108	-.02374	-.00700

RUN NO. 1300/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	PHI	P	PT	Q (PSF)	T (R)	TT (F)	RN/L	PC	PREF	SH10+3	PATM
.900	-1.967	752.98290	1273.06000	426.62350	482.29610	100.70000	2.49476	762.99000	977.37990	1.16725	2045.78500
.900	-1.732	752.95090	1273.16000	426.71090	482.27950	100.70000	2.49507	762.96000	977.49000	1.15793	2045.78500
.900	-1.496	752.77120	1273.05000	426.74240	482.34450	100.80000	2.49443	762.77980	977.58980	1.16110	2045.78500
.900	-1.261	752.76200	1272.98000	426.69970	482.26440	100.70000	2.49483	762.76980	977.68990	1.16732	2045.78500
.900	-.987	752.84230	1273.00000	426.66580	482.27690	100.70000	2.49478	762.84990	977.79980	1.16730	2045.75000
.900	-.751	752.67160	1272.95000	426.73290	482.25100	100.70000	2.49486	762.67990	977.86990	1.17044	2045.75000
.900	-.516	752.90410	1272.89999	426.56030	482.29910	100.70000	2.49442	762.90990	977.96000	1.16740	2045.78500
.900	-.241	752.79130	1273.07001	426.74460	482.26000	100.70000	2.49503	762.79980	978.03980	1.16416	2045.75000
.900	.006	752.58300	1272.81000	426.68950	482.25000	100.70000	2.49459	762.58980	978.11990	1.15825	2045.75000
.900	.229	752.80000	1273.14999	426.79420	482.25290	100.70000	2.49524	762.80980	978.22000	1.15182	2045.75000
.900	.504	752.79300	1272.94000	426.65410	482.27440	100.70000	2.49468	762.79980	978.25980	1.15507	2045.75000
.900	.739	752.98440	1272.92999	426.53300	482.31050	100.70000	2.49440	762.99000	978.34990	1.16121	2045.75000
.900	.974	752.64230	1272.91000	426.72310	482.25000	100.70000	2.49479	762.64990	978.40990	1.16430	2045.71500
.900	1.210	752.95290	1273.00999	426.60690	482.29610	100.70000	2.49466	762.96000	978.47000	1.16421	2045.71500
.900	1.445	752.55080	1272.95000	426.80490	482.22900	100.70000	2.49502	762.55980	978.51980	1.16739	2045.71500
.900	1.719	752.94410	1272.92000	426.55030	482.39010	100.80000	2.49385	762.95000	978.56980	1.16429	2045.71500
.900	1.955	752.90230	1273.03000	426.65090	482.28470	100.70000	2.49478	762.90990	978.63990	1.15498	2045.71500
GRADIENT		-.01100	-.02624	-.01144	.00168	.00099	-.00006	-.01124	.31667	-.00109	-.02024

IA310 (AEDC 16TF-783) PORT MISORIENT-FAIRING OFF

(VCMO27) ( 04 OCT 91 )

PARAMETRIC DATA

ALPHA = -8.000 BETA = .000

RUN NO. 1305/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	PHI	P	PT	Q(PSF)	T(R)	TT(F)	RN/L	PC	PREF	SH10+3	PATM
1.250	-2.006	462.67140	1198.19000	505.91460	426.51780	100.10000	2.49990	472.79980	854.23000	1.04022	2045.19000
1.250	-1.731	462.51120	1198.30000	506.00510	426.46460	100.10000	2.50010	472.63990	854.23000	1.04853	2045.19000
1.250	-1.496	462.42310	1198.02000	505.88260	426.46970	100.10000	2.49952	472.54980	854.25000	1.04878	2045.19000
1.250	-1.221	462.48320	1198.00000	505.85940	426.48750	100.10000	2.49949	472.60990	854.28980	1.07154	2045.19000
1.250	-.986	462.40530	1197.72000	505.73440	426.49560	100.10000	2.49891	472.52980	854.31980	1.07466	2045.15500
1.250	-.751	462.68190	1198.10001	505.86650	426.52980	100.10000	2.49971	472.80980	854.33980	1.07432	2045.15500
1.250	-.516	462.53150	1198.21001	505.95510	426.55520	100.20000	2.49933	472.65990	854.37990	1.07135	2045.19000
1.250	-.241	462.79220	1198.00000	505.79170	426.64530	100.20000	2.49894	472.91990	854.42990	1.06296	2045.19000
1.250	-.006	462.58370	1197.88000	505.77660	426.64530	100.20000	2.49867	472.71000	854.42990	1.04048	2045.15500
1.250	.229	462.75240	1198.00000	505.80050	426.63480	100.20000	2.49893	472.87990	854.47000	1.03203	2045.15500
1.250	.465	462.65310	1197.91000	505.77640	426.61770	100.20000	2.49874	472.77980	854.48000	1.03211	2045.15500
1.250	.739	462.64040	1198.33000	505.99220	426.57150	100.20000	2.49959	472.76980	854.52980	1.02897	2045.15500
1.250	.975	462.48290	1198.08000	505.89990	426.55570	100.20000	2.49906	472.60990	854.54980	1.03752	2045.15500
1.250	1.210	462.59160	1198.20000	505.93700	426.57200	100.20000	2.49932	472.72000	854.55980	1.04021	2045.15500
1.250	1.485	462.63430	1197.78000	505.71480	426.62600	100.20000	2.49847	472.75980	854.58980	1.03222	2045.15500
1.250	1.720	462.66090	1198.25999	505.95210	426.58420	100.20000	2.49945	472.78980	854.59990	1.02904	2045.15500
1.250	1.955	462.81130	1198.14999	505.86350	426.63500	100.20000	2.49924	472.93990	854.61990	1.02637	2045.12000
	GRADIENT	.04321	.00446	-.00721	.03589	.03275	-.00018	.04336	.10921	-.00887	-.01284

RUN NO. 1311/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	PHI	P	PT	Q(PSF)	T(R)	TT(F)	RN/L	PC	PREF	SH10+3	PATM
1.399	-2.007	382.56050	1215.82001	524.17630	402.85890	100.90000	2.49545	392.27980	872.48000	1.02786	2044.94501
1.400	-1.732	382.27980	1216.48000	524.47090	402.78370	101.00000	2.49585	392.00000	872.49000	1.03284	2044.91000
1.400	-1.497	382.01640	1215.87000	524.20920	402.76220	101.00000	2.49455	391.73000	872.48000	1.03613	2044.91000
1.400	-1.261	382.24240	1216.14000	524.32300	402.80470	101.00000	2.49521	391.96000	872.49000	1.03590	2044.94501
1.400	-.987	382.26220	1216.08000	524.29610	402.74460	100.90000	2.49570	391.98000	872.50000	1.03874	2044.94501
1.399	-.752	382.30520	1215.57001	524.07230	402.80570	100.90000	2.49481	392.01980	872.50000	.99543	2044.94501
1.400	-.516	382.27150	1216.17999	524.33980	402.73780	100.90000	2.49589	391.99000	872.50000	.99226	2044.94501
1.400	-.242	382.12430	1216.00999	524.26860	402.78150	101.00000	2.49488	391.83980	872.50000	.98973	2044.94501
1.400	-.007	382.04470	1216.12000	524.31840	402.74710	101.00000	2.49503	391.75980	872.50000	.98697	2044.98000
1.400	.229	382.17290	1216.17999	524.34180	402.78000	101.00000	2.49523	391.88990	872.51980	.98693	2044.94501
1.400	.464	382.05440	1216.13000	524.32230	402.74900	101.00000	2.49505	391.76980	872.50000	.98697	2044.98000
1.400	.738	382.14450	1215.91000	524.22440	402.79710	101.00000	2.49472	391.85990	872.50000	.98714	2044.98000
1.400	.974	382.12500	1215.91000	524.22460	402.79100	101.00000	2.49470	391.83980	872.50000	1.00053	2044.98000
1.400	1.209	382.26150	1216.22000	524.35770	402.80300	101.00000	2.49466	391.98000	872.50000	1.00027	2045.01500
1.400	1.484	382.16480	1215.87000	524.20630	402.80690	101.00000	2.49436	391.87990	872.50000	.97396	2044.98000
1.400	1.719	382.27200	1216.12000	524.31370	402.81540	101.00000	2.49519	391.99000	872.51000	.97114	2044.98000
1.400	1.994	382.09420	1216.09000	524.30400	402.76490	101.00000	2.49501	391.80980	872.50000	.96593	2045.01500
	GRADIENT	-.04192	.00438	-.00280	-.00095	.01682	-.00012	-.04238	.00484	-.01652	.02107

IA310 (AEDC 16TF-783) PORT MISORIENT-FAIRING OFF

(VCMO27) ( 04 OCT 91 )

PARAMETRIC DATA

ALPHA = -8.000 BETA = .000

RUN NO. 1316/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	PHI	P	PT	Q(PSF)	T(R)	TT(F)	RN/L	PC	PREF	SH10+3	PATM
1.543	-1.967	317.91280	1243.03192	530.02013	379.08810	101.40000	2.49091	326.76980	910.06980	1.17883	2045.25999
1.544	-1.732	317.71360	1243.95049	530.32938	378.93310	101.40000	2.49229	326.56980	910.03980	1.18100	2045.29500
1.543	-1.497	318.06740	1243.57881	530.25656	379.08980	101.40000	2.49209	326.92990	910.03980	1.18139	2045.29500
1.544	-1.222	317.50290	1242.63878	529.79368	378.97090	101.40000	2.48992	326.34990	910.01980	1.18533	2045.25999
1.544	-.987	317.26780	1242.58514	529.72833	378.95650	101.50000	2.48904	326.10990	910.01000	1.18845	2045.25999
1.543	-.751	317.96260	1242.61510	529.87183	379.19360	101.50000	2.48999	326.81980	910.00000	1.19160	2045.29500
1.544	-.477	317.64750	1243.23309	530.04593	379.03250	101.50000	2.49057	326.50000	910.01000	1.18786	2045.29500
1.543	-.242	318.05930	1243.36803	530.17583	379.26540	101.60000	2.49007	326.91990	910.00000	1.16323	2045.29500
1.545	-.006	317.32470	1243.54070	530.10172	378.99680	101.60000	2.48940	326.16990	910.01000	1.15996	2045.25999
1.544	.229	317.65890	1243.22148	530.04506	379.14620	101.60000	2.48919	326.50980	910.00000	1.15727	2045.25999
1.544	.464	317.57030	1243.29565	530.05579	379.10030	101.60000	2.48936	326.41990	909.98000	1.16325	2045.25999
1.544	.739	317.49340	1242.90591	529.89394	379.17550	101.70000	2.48803	326.33980	909.98000	1.16361	2045.25999
1.544	.974	317.76680	1243.03587	529.99525	379.25590	101.70000	2.48865	326.61990	909.98000	1.16656	2045.25999
1.543	1.209	317.92210	1242.81171	529.93760	379.28030	101.70000	2.48940	326.77980	909.96000	1.20388	2045.25999
1.544	1.445	317.60010	1242.40610	529.72292	379.26220	101.80000	2.48790	326.45000	909.97000	1.21053	2045.25999
1.543	1.719	317.65890	1242.42322	529.74093	379.27690	101.80000	2.48808	326.50980	909.97000	1.21367	2045.29500
1.544	1.994	317.58030	1242.32762	529.68941	379.18190	101.70000	2.48859	326.42990	909.93990	1.22009	2045.25999
GRADIENT		-.03749	-.19878	-.08243	.06855	.10651	-.00086	-.03872	-.02480	.00601	-.00312













IA310 (AEDC 16TF-783) PORT MISORIENT-FAIRING OFF (VCMO29) ( 04 OCT 91 )

PARAMETRIC DATA

ALPHA = .000 BETA = 4.000

RUN NO. 1318/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	PHI	P	PT	Q(PSF)	T(R)	TT(F)	RN/L	PC	PREF	SH10+3	PATM
1.543	88.025	317.59030	1241.75069	529.47203	379.32370	101.90000	2.48734	326.43990	909.99000	1.25603	2045.12000
1.543	88.263	317.65890	1241.72964	529.47686	379.41750	102.00000	2.48679	326.50980	910.00000	1.25606	2045.12000
1.544	88.502	317.41480	1241.67282	529.40953	379.27760	101.90000	2.48684	326.25980	910.01000	1.24959	2045.15500
1.543	88.740	317.65940	1241.59315	529.42556	379.42970	102.00000	2.48657	326.50980	910.01980	1.25620	2045.12000
1.543	89.018	317.67770	1242.01619	529.58897	379.40720	102.00000	2.48713	326.52980	910.03980	1.24927	2045.15500
1.544	89.256	317.49120	1242.19891	529.62265	379.32540	102.00000	2.48722	326.33980	910.04980	1.24906	2045.12000
1.543	89.494	317.64790	1242.11916	529.62279	379.38330	102.00000	2.48735	326.50000	910.05980	1.25241	2045.12000
1.543	89.772	317.76590	1241.96744	529.58707	379.43820	102.00000	2.48724	326.61990	910.04980	1.25258	2045.12000
1.544	90.010	317.36550	1241.62527	529.38190	379.31880	102.00000	2.48636	326.21000	910.06980	1.25940	2045.12000
1.543	90.288	317.63890	1241.75441	529.48243	379.39920	102.00000	2.48698	326.49000	910.06980	1.26256	2045.08501
1.543	90.526	317.44360	1241.57367	529.37708	379.34200	102.00000	2.48653	326.28980	910.08980	1.26600	2045.12000
1.544	90.764	317.51980	1242.05771	529.57331	379.31710	102.00000	2.48760	326.36990	910.09990	1.27208	2045.12000
1.543	91.042	317.60790	1242.23930	529.65965	379.34990	102.00000	2.48767	326.46000	910.07980	1.25879	2045.12000
1.543	91.280	317.61010	1241.63503	529.43176	379.40410	102.00000	2.48666	326.46000	910.08980	1.25942	2045.08501
1.543	91.519	317.57030	1241.82527	529.49651	379.37330	102.00000	2.48693	326.41990	910.09990	1.25921	2045.12000
1.543	91.757	317.69820	1241.61636	529.44176	379.43680	102.00000	2.48673	326.54980	910.10990	1.25944	2045.12000
1.543	92.035	317.67770	1241.91705	529.55129	379.40720	102.00000	2.48713	326.52980	910.10990	1.25587	2045.12000
GRADIENT		.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA310 (AEDC 16TF-783) FAIRING-OFF DATABASE

(VCMO30) ( 04 OCT 91 )

PARAMETRIC DATA

BETA = -4.000 PHI = 180.000

RUN NO. 1351/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	P	PT	Q(PSF)	T(R)	TT(F)	RN/L	PC	PREF	SH10+3	PATM
598	-8.099	1253.39600	1596.42000	313.92920	522.10740	99.80000	2.49378	1263.12000	1300.25000	.72372	2043.64999
600	-7.097	1252.21300	1596.62000	315.06810	522.13450	100.00000	2.49696	1261.96001	1300.21001	.72362	2043.64999
599	6.117	1252.43500	1596.67000	314.92770	521.96970	99.80000	2.49763	1262.17999	1300.17000	.72165	2043.64999
600	-5.142	1251.96500	1596.78999	315.41380	521.99580	99.89999	2.49893	1261.72000	1300.14000	.71577	2043.61501
600	-4.164	1252.10600	1596.88000	315.37450	522.00420	99.89999	2.49886	1261.86000	1300.10001	.71573	2043.61501
601	-3.198	1251.45900	1597.17999	316.15650	522.08570	100.10000	2.50082	1261.23000	1300.11000	.70789	2043.61501
601	-2.235	1251.62000	1597.28999	316.11720	521.90800	99.89999	2.50191	1261.39000	1300.06000	.72137	2043.61501
600	-1.264	1251.75101	1596.84000	315.63180	522.15230	100.10000	2.49862	1261.50999	1300.03999	.72548	2043.58000
601	-.275	1251.42500	1597.38000	316.35280	522.06300	100.10000	2.50170	1261.20000	1300.00999	.71164	2043.61501
600	7.16	1252.27699	1597.45000	315.71310	521.87820	99.80000	2.50115	1262.03999	1299.95000	.71161	2043.58000
600	1.739	1251.90800	1596.60001	315.30100	521.91360	99.80000	2.49893	1261.66000	1299.94000	.71779	2043.58000
GRADIENT		.03133	-.00855	-.03290	-.01952	-.02580	.00002	.03068	-.03094	.00014	-.00638

IA310 (AEDC 16TF-783) FAIRING-OFF DATABASE

(VCMO30) ( 04 OCT 91 )

PARAMETRIC DATA

BETA = -4.000 PHI = 180.000

RUN NO. 1341/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	P	PT	Q(PSF)	T(R)	TT(F)	RN/L	PC	REF	SH10+3	PATM
.800	-8.063	880.40480	1342.38000	394.67550	496.65700	100.60000	2.49835	890.31980	1046.89000	.87022	2044.28000
.799	-7.056	881.05520	1342.11000	394.03340	496.79030	100.60000	2.49638	890.96000	1046.94000	.86805	2044.28000
.800	-6.067	880.67870	1342.27000	394.40800	496.71260	100.60000	2.49753	890.58980	1046.95000	.86794	2044.28000
.800	-5.088	880.29830	1342.06000	394.51100	496.67360	100.60000	2.49757	890.21000	1047.00000	.86107	2044.28000
.800	-4.103	880.25070	1341.88000	394.41040	496.68480	100.60000	2.49711	890.15990	1047.00000	.85654	2044.28000
.800	-3.132	880.20460	1342.25000	394.71530	496.63840	100.60000	2.49831	890.11990	1047.03999	.85631	2044.28000
.800	-2.158	880.29030	1341.92999	394.42020	496.77470	100.70000	2.49662	890.20000	1047.07001	.88472	2044.28000
.800	-1.185	880.08720	1342.00999	394.61770	496.73340	100.70000	2.49722	890.00000	1047.06000	.88228	2044.28000
.800	-.188	880.34910	1342.05000	394.46900	496.77150	100.70000	2.49688	890.26000	1047.07001	.88226	2044.28000
.800	.802	880.45040	1342.05000	394.40040	496.78780	100.70000	2.49670	890.35990	1047.07001	.88226	2044.28000
.800	1.818	880.52050	1342.07001	394.36740	496.79690	100.70000	2.49663	890.42990	1047.08000	.87987	2044.28000
	GRADIENT	.04954	.01050	-.02591	.02287	.01803	-.00016	.04918	.01084	.00430	.00000

RUN NO. 1329/ O RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	P	PT	Q(PSF)	T(R)	TT(F)	RN/L	PC	REF	SH10+3	PATM
.900	-8.058	752.83980	1273.17000	426.78390	482.17210	100.60000	2.49582	762.84990	977.96000	1.30710	2044.73500
.900	-7.048	752.73410	1272.80000	426.59250	482.19260	100.60000	2.49494	762.74000	977.43990	1.31435	2044.73500
.899	-6.066	752.96800	1272.67000	426.36430	482.33570	100.70000	2.49371	762.97000	976.95000	1.38144	2044.73500
.900	-5.081	752.69140	1272.99001	426.74880	482.25020	100.70000	2.49495	762.70000	977.71000	1.39195	2044.73500
.900	-4.105	752.59960	1273.06000	426.85160	482.31200	100.80000	2.49468	762.60990	977.85990	1.38825	2044.73500
.900	-3.133	752.71360	1272.84000	426.63260	482.27050	100.70000	2.49451	762.72000	977.74000	1.31087	2044.70000
.900	-2.163	752.67720	1273.27000	426.94950	482.21750	100.70000	2.49573	762.68990	977.73000	1.29676	2044.70000
.900	-1.192	752.80270	1272.97000	426.66920	482.27290	100.70000	2.49475	762.80980	977.71000	1.28015	2044.66499
.900	-.197	752.59470	1272.70000	426.60720	482.26390	100.70000	2.49428	762.59990	977.68990	1.27037	2044.70000
.900	.789	752.66260	1272.89000	426.69750	482.16990	100.60000	2.49529	762.66990	977.66990	1.32116	2044.66499
.900	1.806	752.96480	1272.91000	426.53120	482.22290	100.60000	2.49494	762.97000	977.63990	1.31080	2044.66499
	GRADIENT	.03325	-.03340	-.04271	-.01530	-.02305	.00003	.03248	-.03046	-.00855	-.01016

RUN NO. 1320/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	P	PT	Q(PSF)	T(R)	TT(F)	RN/L	PC	REF	SH10+3	PATM
1.098	-8.001	566.69700	1206.81000	478.14920	450.39330	99.30000	2.50423	576.88990	862.51980	.84056	2045.12000
1.099	-6.974	565.75850	1206.45000	478.31200	450.21850	99.30000	2.50385	575.95000	862.53980	.84081	2045.12000
1.100	-5.985	564.72950	1206.10001	478.51510	450.02170	99.30000	2.50353	574.91990	862.54980	.83876	2045.12000
1.100	-4.996	564.53490	1205.53999	478.26610	450.03710	99.30000	2.50234	574.72000	862.59990	.84375	2045.12000
1.101	-4.007	564.33180	1205.81000	478.50340	449.96190	99.30000	2.50305	574.51980	862.63990	.84356	2045.12000
1.101	-3.022	564.52880	1206.10001	478.59420	449.97580	99.30000	2.50362	574.72000	862.66990	.85030	2045.15000
1.100	-2.040	564.66210	1205.83000	478.38480	450.03520	99.30000	2.50294	574.84990	862.70000	.84586	2045.12000
1.100	-1.036	564.82150	1205.92999	478.37990	450.06080	99.30000	2.50310	575.01000	862.73000	.84810	2045.12000
1.100	-.075	564.86940	1206.13000	478.47730	450.05030	99.30000	2.50353	575.05980	862.75000	.86905	2045.12000
1.100	.932	564.77170	1205.91000	478.38770	450.05150	99.30000	2.50307	574.96000	862.78980	.87158	2045.15000
1.100	1.936	565.07980	1206.13000	478.39400	450.09810	99.30000	2.50343	575.26980	862.79980	.87380	2045.15000
	GRADIENT	.08664	.05797	-.00051	.01354	-.00000	-.00009	.08705	-.02911	.00492	.00379

IA310 (AEDC 16TF-783) FAIRING-OFF DATABASE (VCM030) ( 04 OCT 91 )

PARAMETRIC DATA

BETA = -4.000 PHI = 180.000

RUN NO. 1365/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	P	PT	Q(PSF)	T(R)	TT(F)	RN/L	PC	PREF	SH10+3	PATM
1.249	-8.047	462.84160	1198.09000	505.82640	427.03000	100.70000	2.49619	472.97000	903.49000	1.15773	2041.86501
1.250	-7.037	462.53390	1197.89000	505.79250	427.04570	100.80000	2.49516	472.65990	903.59990	1.16101	2041.86501
1.250	-6.046	462.39500	1197.77000	505.76220	427.02120	100.80000	2.49490	472.51980	903.66990	1.16112	2041.86501
1.250	-5.062	462.26000	1198.35001	505.97610	427.05830	100.80000	2.49612	472.88990	903.75000	1.16675	2041.86501
1.250	-4.083	462.43090	1198.34000	506.04300	426.89650	100.70000	2.49665	472.55980	903.81980	1.16987	2041.86501
1.250	-3.106	462.45460	1197.80000	505.76420	427.03390	100.80000	2.49496	472.57980	903.86990	1.16419	2041.86501
1.250	-2.129	462.46660	1197.52000	505.61960	426.98930	100.70000	2.49498	472.58980	903.93990	1.16446	2041.83000
1.250	-1.148	462.51320	1197.99001	505.84770	427.03000	100.80000	2.49536	472.63990	904.01000	1.16400	2041.86501
1.250	-.153	462.49410	1197.86000	505.78610	427.03810	100.80000	2.49509	472.61990	904.06980	1.16413	2041.83000
1.250	.842	462.65380	1197.84000	505.74100	427.00610	100.70000	2.49566	472.77980	904.10990	1.16106	2041.86501
1.250	1.853	462.53170	1198.17999	505.93990	427.01540	100.80000	2.49575	472.65990	904.14990	1.15149	2041.83000
	GRADIENT	.02627	-.00166	-.00658	.01256	.00721	-.00004	.02635	.05777	-.00223	-.00380

RUN NO. 1376/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	P	PT	Q(PSF)	T(R)	TT(F)	RN/L	PC	PREF	SH10+3	PATM
1.400	-8.008	382.07060	1215.10001	523.87130	402.42020	100.40000	2.49674	391.77980	920.70000	1.34831	2041.75999
1.400	-7.026	381.93020	1215.41000	524.00980	402.42070	100.50000	2.49661	391.63990	920.72000	1.34091	2041.75999
1.400	-6.038	381.68600	1214.92000	523.80030	402.39330	100.50000	2.49554	391.38990	920.75000	1.33092	2041.79500
1.400	-5.051	381.76610	1214.74001	523.72000	402.50630	100.60000	2.49468	391.47000	920.76980	1.32414	2041.75999
1.400	-4.068	381.81420	1214.96001	523.81520	402.50000	100.60000	2.49511	391.51980	920.79980	1.32042	2041.75999
1.400	-3.089	381.81230	1215.31000	523.96830	402.46630	100.60000	2.49575	391.51980	920.81980	1.31657	2041.72501
1.400	-2.113	381.74220	1215.44000	524.02660	402.43290	100.60000	2.49593	391.45000	920.81980	1.31298	2041.72501
1.400	-1.135	381.87430	1214.87000	523.77490	402.52660	100.60000	2.49499	391.57980	920.81980	1.31014	2041.72501
1.400	-.134	381.83670	1214.53000	523.62670	402.54760	100.60000	2.49434	391.53980	920.81980	1.30706	2041.72501
1.400	.856	382.04150	1215.00999	523.83250	402.56370	100.60000	2.49537	391.75000	920.83980	1.30655	2041.69000
1.400	1.871	382.03960	1215.31000	523.96390	402.60670	100.70000	2.49532	391.75000	920.84990	1.30279	2041.72501
	GRADIENT	.04449	-.01626	-.00799	.02279	.01091	-.00006	.04492	.00688	-.00285	-.00829

RUN NO. 1388/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	P	PT	Q(PSF)	T(R)	TT(F)	RN/L	PC	PREF	SH10+3	PATM
1.449	-8.093	359.16060	1225.88000	528.14210	394.93990	101.20000	2.49211	368.63990	931.96000	1.24473	2042.14500
1.450	-7.082	358.99150	1226.25000	528.28760	394.78220	101.10000	2.49320	368.47000	932.00980	1.26755	2042.14500
1.450	-6.101	358.95240	1226.14999	528.24390	394.70870	101.00000	2.49358	368.42990	932.02980	1.24775	2042.14500
1.450	-5.120	358.88330	1226.12000	528.22780	394.61940	100.90000	2.49405	368.35990	932.04980	1.27439	2042.14500
1.450	-4.148	358.88550	1225.75000	528.07420	394.65410	100.90000	2.49340	368.35990	932.07980	1.27143	2042.14500
1.450	-3.177	358.82590	1225.81000	528.09590	394.55960	100.80000	2.49405	368.29980	932.08980	1.27136	2042.14500
1.450	-2.212	359.00290	1225.91000	528.14670	394.53540	100.70000	2.49499	368.48000	932.11990	1.28134	2042.14500
1.450	-1.242	358.59910	1225.84000	528.09670	394.48540	100.80000	2.49389	368.06980	932.14990	1.27804	2042.11000
1.450	-.246	358.83180	1226.61000	528.42900	394.41750	100.70000	2.49605	368.30980	932.15990	1.28061	2042.11000
1.450	.742	358.92360	1226.00999	528.18430	394.43090	100.60000	2.49568	368.39990	932.17990	1.28461	2042.11000
1.450	1.764	358.90550	1225.67999	528.04610	394.45560	100.60000	2.49508	368.37990	932.18990	1.28158	2042.11000
	GRADIENT	.00330	.03161	.01333	-.03511	-.04720	.00034	.00351	.01996	.00204	-.00761



IA310 (AEDC 16TF-783) FAIRING-OFF DATABASE

(VCMO30) ( 04 OCT 91 )

PARAMETRIC DATA

BETA = -4.000 PHI = 180.000

RUN NO. 1433/ O RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	P	PT	Q(PSF)	T(R)	TT(F)	RN/L	PC	REF	SH10+3	PATM
1.471	-8.080	348.20650	1225.47728	527.24838	390.95240	101.30000	2.49167	357.54980	897.66990	1.24815	2043.12500
1.471	-7.070	347.95170	1224.25491	526.72797	390.88700	101.30000	2.49109	357.28980	897.68990	1.30207	2043.12500
1.471	-6.089	347.90360	1224.05914	526.64417	390.89500	101.30000	2.49059	357.24000	897.76000	1.29892	2043.12500
1.471	-5.106	347.83470	1223.99501	526.61214	390.87210	101.30000	2.49054	357.16990	897.76000	1.30233	2043.12500
1.470	-4.134	348.18800	1224.35240	526.78779	390.96290	101.30000	2.49134	357.52980	897.78980	1.29865	2043.12500
1.471	-3.162	347.87380	1224.68336	526.89709	390.88010	101.30000	2.49066	357.21000	897.79980	1.26845	2043.09000
1.470	-2.193	347.97170	1224.08620	526.66088	390.90330	101.30000	2.49092	357.30980	897.81980	1.30561	2043.09000
1.471	-1.225	348.02000	1224.40657	526.79496	390.90160	101.30000	2.49130	357.35990	897.82980	1.29856	2043.09000
1.470	-.227	348.07890	1224.58183	526.87132	390.91700	101.30000	2.49143	357.41990	897.84990	1.29171	2043.09000
1.470	.765	347.99170	1224.25250	526.73042	390.91260	101.30000	2.49089	357.32980	897.86990	1.29538	2043.05499
1.470	1.785	348.14920	1224.27492	526.75282	390.96310	101.30000	2.49106	357.49000	897.86990	1.29538	2043.05499
GRADIENT		.00843	-.02175	-.00826	.00297	-.00000	.00000	.00857	.01488	.00109	-.01017

RUN NO. 1400/ O RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	P	PT	Q(PSF)	T(R)	TT(F)	RN/L	PC	REF	SH10+3	PATM
1.495	-8.080	337.61520	1231.23026	528.48862	386.52880	100.80000	2.49525	346.80980	944.68990	1.21495	2042.35500
1.495	-7.064	337.38210	1230.52338	528.18108	386.50510	100.80000	2.49398	346.56980	944.74000	1.22197	2042.35500
1.496	-6.080	337.38110	1230.58417	528.20461	386.48540	100.80000	2.49435	346.56980	944.75000	1.23148	2042.35500
1.495	-5.097	337.61790	1230.64047	528.25546	386.65310	100.90000	2.49362	346.80980	944.76980	1.21555	2042.35500
1.495	-4.121	337.57810	1230.70001	528.27477	386.62940	100.90000	2.49378	346.76980	944.78980	1.21865	2042.35500
1.495	-3.152	337.59860	1230.51938	528.20541	386.65310	100.90000	2.49348	346.78980	944.79980	1.21884	2042.35500
1.496	-2.183	337.41140	1230.61690	528.22152	386.58010	100.90000	2.49348	346.59990	944.79980	1.21871	2042.32001
1.496	-1.209	337.44970	1230.94571	528.35733	386.57230	100.90000	2.49392	346.63990	944.81980	1.21206	2042.35500
1.496	-.214	337.57620	1231.32626	528.52288	386.58960	100.90000	2.49452	346.63990	944.82980	1.20540	2042.35500
1.496	.780	337.44870	1231.26801	528.48416	386.55130	100.90000	2.49431	346.63990	944.82980	1.20544	2042.35500
1.495	1.800	337.49020	1230.69266	528.26051	386.61400	100.90000	2.49342	346.67990	944.83980	1.20917	2042.35500
GRADIENT		-.01432	.07850	.02932	-.00861	-.00000	.00006	-.01436	.00868	-.00248	.00127

RUN NO. 1421/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	P	PT	Q(PSF)	T(R)	TT(F)	RN/L	PC	REF	SH10+3	PATM
1.517	-8.074	328.53690	1235.97356	529.12392	382.26640	99.89999	2.50206	337.58980	954.05980	1.28326	2042.81000
1.521	-7.062	326.62400	1236.37062	528.98301	381.60110	99.89999	2.50016	335.63990	954.00980	1.25951	2042.81000
1.520	-6.081	326.98100	1235.32086	528.63322	381.81030	99.89999	2.49890	336.00000	953.99000	1.26721	2042.81000
1.518	-5.103	327.26730	1234.07906	528.19797	382.08690	100.10000	2.49721	336.28980	954.01980	1.32218	2042.81000
1.519	-4.122	327.04270	1233.76666	528.04260	382.03320	100.10000	2.49653	336.05980	953.99000	1.32591	2042.81000
1.529	-3.154	327.13890	1253.34549	535.63716	381.95310	100.00000	2.49808	336.15990	954.00000	.00000	2042.81000
1.519	-2.182	327.22710	1234.13557	528.21393	381.91330	99.89999	2.49881	336.25000	954.00000	1.33583	2042.81000
1.518	-1.207	327.39280	1234.21140	528.26837	382.02290	100.00000	2.49859	336.41990	953.98000	1.34268	2042.81000
1.518	-.213	327.43240	1234.13658	528.24586	382.03880	100.00000	2.49869	336.46000	953.97000	1.34624	2042.77499
1.518	.779	327.39260	1234.20691	528.26781	382.01420	100.00000	2.49886	336.41990	953.97000	1.34963	2042.77499
1.519	1.799	327.22630	1234.10771	528.20351	382.03390	100.10000	2.49791	336.25000	953.97000	1.34971	2042.81000
GRADIENT		.04536	-1.34782	-.51468	.00910	.00384	.00020	.04669	-.00544	.10059	-.00380

IA310 (AEDC 16TF-783) FAIRING-OFF DATABASE (VCM030) ( 04 OCT 91 )

PARAMETRIC DATA

BETA = -4.000 PHI = 180.000

RUN NO. 1410/ O RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	P	PT	Q(PSF)	T(R)	TT(F)	RN/L	PC	PREF	SH10+3	PATM
1.543	-8.078	317.62890	1241.47906	529.37554	378.57840	100.80000	2.49425	326.48000	959.21000	1.28594	2042.56500
1.543	-7.069	317.75510	1241.74774	529.50144	378.53120	100.70000	2.49545	326.60990	959.46000	1.28568	2042.56500
1.543	-5.101	317.66800	1241.18965	529.27348	378.52760	100.70000	2.49484	326.51980	899.46000	1.30298	2042.60001
GRADIENT		.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA310 (AEDC 16TF-783) FAIRING-OFF DATABASE

(VCM031) ( 04 OCT 91 )

PARAMETRIC DATA

BETA = -4.000 PHI = 180.000

RUN NO. 1423/ O RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	P	PT	Q(PSF)	T(R)	TT(F)	RN/L	PC	PREF	SH10+3	PATM
1.517	-8.074	327.25440	1232.27585	527.50146	382.49390	100.80000	2.49428	336.27980	911.50000	1.49776	2042.95000
1.517	-7.066	326.92900	1230.44621	526.74294	382.62990	100.90000	2.48992	335.93990	911.49000	1.48854	2042.95000
1.516	-6.081	327.59840	1231.04358	527.07769	382.76730	101.00000	2.49311	336.62990	911.60990	1.56962	2042.98500
1.516	-5.103	327.53960	1231.03636	527.06673	382.74220	101.00000	2.49313	336.56980	911.63990	1.57361	2042.98500
1.517	-4.124	327.23680	1230.60942	526.85612	382.73390	101.00000	2.49169	336.25980	911.65990	1.58212	2042.98500
1.517	-3.155	327.16850	1230.41487	526.77017	382.71730	101.00000	2.49148	336.18990	911.68990	1.59041	2042.98500
1.516	-2.182	327.27510	1230.51251	526.82522	382.79740	101.20000	2.49147	336.29980	911.70000	1.60244	2043.02000
1.516	-1.210	327.44070	1230.67468	526.91312	382.82370	101.20000	2.49223	336.47000	911.72000	1.61447	2043.02000
1.517	-.211	326.85230	1230.51266	526.76193	382.62450	101.20000	2.49153	335.86990	911.75000	1.62279	2043.02000
1.516	.780	327.24760	1229.62074	526.47592	382.83030	101.20000	2.49064	336.26980	911.76000	1.63229	2043.02000
1.516	1.798	327.46240	1229.74875	526.55796	382.88210	101.20000	2.49129	336.49000	911.76000	1.64043	2043.05499
GRADIENT		.01510	-.15167	-.05623	.01809	.01802	-.00010	.01540	.01774	.01010	.01014

RUN NO. 1411/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	P	PT	Q(PSF)	T(R)	TT(F)	RN/L	PC	PREF	SH10+3	PATM
1.542	-8.071	317.71660	1240.72643	529.10567	378.53030	100.70000	2.49517	326.56980	899.54980	1.34446	2042.63499
1.543	-7.065	317.55080	1240.30243	528.91355	378.49540	100.70000	2.49453	326.39990	899.53980	1.35533	2042.60001
1.542	-6.079	317.72580	1240.51018	529.02458	378.51980	100.70000	2.49545	326.57980	899.56980	1.36914	2042.60001
1.542	-5.097	317.90330	1240.07713	528.89433	378.62060	100.70000	2.49492	326.75980	899.56980	1.36966	2042.60001
1.543	-4.125	317.50150	1240.21788	528.87163	378.46660	100.70000	2.49469	326.34990	899.56980	1.36944	2042.60001
1.542	-3.153	317.59910	1240.33774	528.93536	378.49020	100.70000	2.49501	326.45000	899.56980	1.36932	2042.63499
1.542	-2.182	317.68700	1240.30534	528.93990	378.51930	100.70000	2.49515	326.53980	899.58980	1.37289	2042.63499
1.542	-1.210	317.62870	1240.39543	528.96349	378.44240	100.60000	2.49547	326.48000	899.59990	1.35873	2042.63499
1.542	-.213	317.60060	1240.09053	528.84240	378.45950	100.60000	2.49492	326.45000	899.58980	1.35907	2042.63499
1.543	.781	317.63790	1240.63477	529.05534	378.42920	100.60000	2.49579	326.49000	899.57980	1.35498	2042.63499
1.543	1.797	317.41360	1240.37192	528.91373	378.36380	100.60000	2.49527	326.25980	899.56980	1.36223	2042.63499
GRADIENT		-.01018	.03045	.00967	-.01784	-.02168	.00011	-.01046	.00067	-.00231	.00376

IA310 (AEDC 16TF-783) FAIRING-OFF DATABASE

(VCM032) ( 04 OCT 91 )

PARAMETRIC DATA

BETA = -3.000 PHI = 180.000

RUN NO. 1352/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	P	PT	Q(PSF)	T(R)	TT(F)	RN/L	PC	PREF	SH10+3	PATM
.599	-8.031	1252.84900	1597.30000	315.11790	522.14670	100.00000	2.49772	1262.60001	1299.85001	.71942	2043.58000
.600	-7.070	1252.73700	1597.30000	315.20920	521.85380	99.70000	2.49976	1261.49001	1299.84000	.71942	2043.54500
.600	-6.088	1252.13800	1597.28000	315.68410	521.97070	99.89999	2.50033	1261.89999	1299.82001	.71748	2043.54500
.600	-5.106	1251.82600	1596.64999	315.41090	521.99240	99.89999	2.49880	1261.58000	1299.83000	.72361	2043.54500
.601	-4.134	1251.60400	1597.55000	316.34860	521.88180	99.89999	2.50297	1261.38000	1299.78999	.73303	2043.50999
.601	-3.169	1251.48900	1597.23000	316.17410	521.89790	99.89999	2.50206	1261.25999	1299.80000	.73318	2043.50999
.601	-2.214	1251.48900	1597.25999	316.19970	521.80200	99.80000	2.50275	1261.25999	1299.75999	.73119	2043.50999
.601	-1.261	1251.01601	1596.98000	316.35130	521.77170	99.80000	2.50306	1260.78999	1299.72000	.73330	2043.54500
.601	-.285	1251.43300	1597.50999	316.45560	521.67870	99.70000	2.50446	1261.21001	1299.70000	.72127	2043.50999
.600	.713	1251.46899	1596.71001	315.75340	521.75760	99.70000	2.50124	1261.23000	1299.67999	.71968	2043.50999
.601	1.751	1251.50600	1597.38000	316.28590	521.69950	99.70000	2.50374	1261.28000	1299.67999	.71744	2043.50999
GRADIENT		-.01347	-.04678	-.02830	-.03462	-.04009	.00009	-.01420	-.02297	-.00307	-.00005

RUN NO. 1342/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	P	PT	Q(PSF)	T(R)	TT(F)	RN/L	PC	PREF	SH10+3	PATM
.799	-8.047	880.97510	1342.07001	394.05810	496.87010	100.70000	2.49583	890.87990	1047.11000	.85874	2044.28000
.800	-7.036	880.62280	1341.98000	394.23140	496.82300	100.70000	2.49618	890.52980	1047.11000	.87756	2044.28000
.800	-6.046	880.16550	1342.17999	394.69020	496.81670	100.80000	2.49703	890.07980	1047.11000	.87743	2044.28000
.800	-5.059	880.42260	1341.88000	394.29350	496.80130	100.70000	2.49623	890.32980	1047.13000	.87999	2044.28000
.800	-4.081	880.12920	1341.89999	394.50760	496.84060	100.80000	2.49624	890.03980	1047.13000	.87998	2044.28000
.800	-3.109	879.99730	1341.94000	394.62670	496.72630	100.70000	2.49717	889.90990	1047.11000	.87758	2044.28000
.800	-2.144	880.30220	1341.80000	394.31590	496.87890	100.80000	2.49563	890.21000	1047.12000	.87295	2044.28000
.800	-1.182	880.34940	1342.03999	394.46170	496.86110	100.80000	2.49628	890.26000	1047.12000	.87044	2044.28000
.800	-.200	880.32200	1341.84000	394.33200	496.78930	100.70000	2.49629	890.23000	1047.14999	.86588	2044.24500
.800	.797	880.19700	1342.09000	394.60230	496.74270	100.70000	2.49727	890.10990	1047.13000	.83806	2044.24500
.800	1.824	880.49120	1342.00000	394.33540	496.88820	100.80000	2.49590	890.39990	1047.14999	.83359	2044.24500
GRADIENT		.05479	.02333	-.01997	.00320	-.00355	-.00001	.05460	.00474	-.00823	-.00767

RUN NO. 1330/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	P	PT	Q(PSF)	T(R)	TT(F)	RN/L	PC	PREF	SH10+3	PATM
.900	-8.078	753.04130	1273.19000	426.67800	482.12060	100.50000	2.49619	763.04980	977.59990	1.28667	2044.63000
.900	-7.025	752.87600	1272.78000	426.49490	482.13480	100.50000	2.49528	762.87990	977.58980	1.26696	2044.63000
.899	-6.037	753.10450	1273.00000	426.50980	482.15280	100.50000	2.49558	763.10990	977.57980	1.25679	2044.63000
.900	-5.053	752.81250	1272.96001	426.65600	482.10380	100.50000	2.49586	762.81980	977.55980	1.24695	2044.63000
.900	-4.082	752.58860	1273.14000	426.91310	482.04320	100.50000	2.49664	762.59990	977.53980	1.24023	2044.63000
.900	-3.110	752.55790	1273.17000	426.95190	481.94820	100.40000	2.49734	762.56980	977.50980	1.24020	2044.59500
.900	-2.146	752.47090	1272.89999	426.81810	481.96170	100.40000	2.49671	762.48000	977.51980	1.24046	2044.59500
.900	-1.188	752.38090	1272.85001	426.83740	481.95040	100.40000	2.49670	762.38990	977.50000	1.23725	2044.59500
.900	-.208	752.64940	1273.12000	426.86300	481.97050	100.40000	2.49708	762.65990	977.49000	1.24024	2044.59500
.900	.783	752.77120	1273.03000	426.72880	482.00240	100.40000	2.49668	762.77980	977.49000	1.23057	2044.59500
.899	1.810	753.28960	1272.72000	426.20700	482.13090	100.40000	2.49515	763.28980	977.48000	1.23087	2044.56000
GRADIENT		.09986	-.04837	-.09270	.01414	-.01089	-.00020	.09844	-.00907	-.00174	-.00769

## IA310 (AEDC 16TF-783) FAIRING-OFF DATABASE

(VCM032) ( 04 OCT 91 )

## PARAMETRIC DATA

BETA = -3.000 PHI = 180.000

RUN NO. 1321/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	P	PT	Q(PSPF)	T(R)	TT(F)	RN/L	PC	PREF	SH10+3	PATM
1.099	-8.036	565.54030	1206.21001	478.25850	450.27490	99.39999	2.50281	575.73000	862.84990	.87374	2045.12000
1.100	-6.965	564.78830	1206.21001	478.55590	450.10380	99.39999	2.50317	574.98000	862.88990	.86899	2045.15500
1.100	-5.978	564.59990	1206.03999	478.53150	450.07890	99.39999	2.50287	574.78980	862.88990	.86911	2045.15500
1.101	-4.983	564.45970	1206.02000	478.57520	450.04910	99.39999	2.50289	574.64990	862.91990	.86676	2045.15500
1.100	-3.997	564.64110	1205.92999	478.45090	450.10010	99.39999	2.50260	574.82980	862.95000	.86919	2045.12000
1.100	-3.011	564.75340	1205.75999	478.30790	450.14380	99.39999	2.50215	574.93990	862.96000	.83442	2045.12000
1.100	-2.033	564.72120	1205.95000	478.43120	450.11620	99.39999	2.50260	574.90990	863.00000	.82974	2045.12000
1.100	-1.052	564.81050	1206.02000	478.43680	450.12920	99.39999	2.50272	575.00000	863.01000	.82742	2045.12000
1.099	-.054	565.28100	1206.11000	478.30300	450.22660	99.39999	2.50271	575.47000	863.02980	.82736	2045.12000
1.100	.925	564.83370	1205.73000	478.25880	450.16530	99.39999	2.50205	575.01980	863.06980	.82085	2045.12000
1.100	1.921	565.04100	1206.03999	478.35720	450.17940	99.39999	2.50266	575.23000	863.04980	.82064	2045.12000
GRADIENT		.08103	.00314	-.03015	.01812	.00000	-.00003	.08086	.02086	-.00710	-.00297

RUN NO. 1366/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	P	PT	Q(PSPF)	T(R)	TT(F)	RN/L	PC	PREF	SH10+3	PATM
1.250	-8.037	462.43160	1198.25999	506.00220	426.98100	100.80000	2.49589	472.55980	904.41990	1.10330	2041.83000
1.250	-7.016	462.72140	1198.14999	505.88330	426.99240	100.70000	2.49630	472.84990	904.46000	1.10636	2041.83000
1.250	-6.028	462.60350	1197.92000	505.97250	427.06080	100.80000	2.49523	472.73000	904.50000	1.11846	2041.83000
1.250	-5.043	462.46580	1197.62000	505.67070	427.05520	100.80000	2.49460	472.58980	904.53980	1.12472	2041.83000
1.250	-4.065	462.72070	1198.28000	505.94920	426.97900	100.70000	2.49656	472.84990	904.59990	1.13314	2041.79500
1.250	-3.086	462.43090	1198.38000	506.06350	426.89230	100.70000	2.49673	472.55980	904.60990	1.13304	2041.79500
1.250	-2.115	462.50390	1197.92000	505.81450	427.03470	100.80000	2.49521	472.50000	904.65990	1.13954	2041.79500
1.250	-1.149	462.37380	1197.95000	505.85790	426.92110	100.70000	2.49584	472.50000	904.68990	1.14865	2041.79500
1.250	-.160	462.52420	1197.84000	505.76930	426.97190	100.70000	2.49564	472.64990	904.73000	1.15182	2041.79500
1.250	.833	462.62110	1198.23000	505.94560	426.95780	100.70000	2.49645	472.75000	904.76000	1.15451	2041.79500
1.250	1.859	462.60010	1198.41000	506.04150	427.01000	100.80000	2.49622	472.73000	904.80980	1.14821	2041.79500
GRADIENT		.00168	.00120	.00022	.00591	.00736	-.00004	.00175	.03629	.00363	.00001

RUN NO. 1377/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	P	PT	Q(PSPF)	T(R)	TT(F)	RN/L	PC	PREF	SH10+3	PATM
1.400	-8.024	382.04930	1215.38000	523.99440	402.67480	100.80000	2.49486	391.75980	920.86990	1.29246	2041.69000
1.400	-7.012	381.74340	1215.21001	523.92600	402.52690	100.70000	2.49492	391.45000	920.88990	1.29947	2041.69000
1.400	-6.022	381.61720	1214.85001	523.77120	402.52290	100.70000	2.49417	391.31980	920.86990	1.30329	2041.69000
1.400	-5.035	381.60620	1215.00999	523.84130	402.50440	100.70000	2.49446	391.30980	920.90990	1.30311	2041.69000
1.400	-4.052	381.78170	1215.42999	524.02150	402.58960	100.80000	2.49476	391.49000	920.89990	1.30266	2041.69000
1.400	-3.074	381.94240	1215.05000	523.85230	402.67380	100.80000	2.49418	391.64990	920.91990	1.30650	2041.69000
1.400	-2.101	382.00200	1215.03000	523.84230	402.69360	100.80000	2.49419	391.71000	920.92990	1.30653	2041.65500
1.400	-1.133	381.79590	1214.73000	523.71510	402.65990	100.80000	2.49349	391.50000	920.91990	1.29999	2041.65500
1.400	-.146	381.57890	1214.66000	523.68870	402.60110	100.80000	2.49321	391.27980	920.95000	1.30006	2041.65500
1.400	.846	382.03170	1215.00999	523.83280	402.70430	100.80000	2.49418	391.74000	920.92990	1.29627	2041.69000
1.400	1.876	382.15800	1215.34000	523.97460	402.71140	100.80000	2.49487	391.86990	920.93990	1.29592	2041.69000
GRADIENT		.03256	-.02501	-.01161	.01215	.00000	-.00002	.03277	.00579	-.00171	.00006

(VCM032) ( 04 OCT 91 )

IA310 (AEDC 16TF-783) FAIRING-OFF DATABASE

PARAMETRIC DATA

BETA = -3.000 PHI = 180.000

RUN NO. 1389/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	P	PT	Q(PSF)	T(R)	TT(F)	RN/L	PC	PREF	SH10+3	PATM
1.450	-8.066	359.00020	1226.42000	528.35860	394.27660	100.40000	2.49766	368.48000	932.24000	1.28418	2042.11000
1.451	-7.052	358.75340	1226.50999	528.38330	394.19090	100.40000	2.49759	368.23000	932.25980	1.28409	2042.14500
1.450	-6.070	358.82640	1225.75000	528.07130	394.28370	100.40000	2.49632	368.29980	932.28980	1.28828	2042.11000
1.450	-5.086	358.76540	1226.08000	528.20530	394.16380	100.30000	2.49744	368.24000	932.30980	1.28793	2042.11000
1.450	-4.118	359.02880	1226.59000	528.43070	394.27000	100.40000	2.49799	368.50980	932.31980	1.28739	2042.11000
1.449	-3.146	359.18020	1225.94000	528.16820	394.37720	100.40000	2.49699	368.65990	932.31980	1.28807	2042.11000
1.450	-2.194	358.84470	1225.99001	528.17190	394.26730	100.40000	2.49676	368.31980	932.34990	1.28802	2042.11000
1.450	-1.241	358.87480	1225.92000	528.14430	394.28320	100.40000	2.49667	368.34990	932.34990	1.28809	2042.11000
1.450	-.259	358.89550	1225.67999	528.04540	394.31180	100.40000	2.49626	368.36990	932.36990	1.29515	2042.11000
1.450	.741	358.88530	1225.78999	528.09080	394.36890	100.50000	2.49585	368.35990	932.37990	1.29845	2042.11000
1.450	1.777	358.88280	1226.23000	528.27370	394.32760	100.50000	2.49662	368.35990	932.39990	1.29798	2042.11000
GRADIENT		-.03535	-.06024	-.02684	.00739	.01839	-.00025	-.03616	.01391	.00218	.00002

RUN NO. 1434/ O RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	P	PT	Q(PSF)	T(R)	TT(F)	RN/L	PC	PREF	SH10+3	PATM
1.470	-8.056	348.16940	1224.46062	526.83089	390.91260	101.20000	2.49143	357.50980	897.89990	1.27859	2043.02000
1.471	-7.049	347.97220	1224.60152	526.87151	390.83910	101.20000	2.49141	357.30980	897.90990	1.27512	2042.98500
1.471	-6.062	347.99950	1225.06670	527.06326	390.81100	101.20000	2.49215	357.33980	897.93990	1.27134	2042.98500
1.471	-5.079	348.14770	1224.86563	526.99299	390.86740	101.20000	2.49213	357.49000	897.91990	1.27816	2042.98500
1.471	-4.102	347.93120	1224.72664	526.91857	390.79610	101.20000	2.49194	357.26980	897.93990	1.28489	2042.98500
1.470	-3.136	347.89380	1223.86473	526.56423	390.82230	101.20000	2.49117	357.23000	897.96000	1.30921	2042.98500
1.470	-2.174	347.89380	1223.66068	526.48141	390.82320	101.20000	2.49116	357.23000	897.92990	1.31958	2042.98500
1.470	-1.219	348.09940	1224.03310	526.64959	390.86910	101.20000	2.49175	357.43990	897.92990	1.31243	2042.98500
1.471	-.238	348.01220	1224.37912	526.78407	390.86740	101.20000	2.49116	357.34990	897.96000	1.27866	2042.98500
1.471	.757	347.95170	1224.80714	526.95312	390.81910	101.20000	2.49165	357.28980	897.96000	1.27161	2042.98500
1.471	1.796	347.89210	1224.91472	526.99215	390.78910	101.20000	2.49179	357.23000	897.92990	1.27148	2042.98500
GRADIENT		.00390	.11692	.00479	.00043	-.00000	.00002	.00401	-.00003	-.00574	.00000

RUN NO. 1401/ O RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	P	PT	Q(PSF)	T(R)	TT(F)	RN/L	PC	PREF	SH10+3	PATM
1.496	-8.059	337.58500	1231.38820	528.54814	386.77510	101.20000	2.49320	346.77980	944.82980	1.21795	2042.35500
1.496	-7.038	337.39140	1231.00095	528.37207	386.77250	101.20000	2.49183	346.57980	944.83980	1.19944	2042.32001
1.495	-6.053	337.51930	1230.96274	528.37165	386.88870	101.30000	2.49128	346.71000	944.82980	1.19950	2042.32001
1.496	-5.073	337.39140	1231.07962	528.40277	386.90770	101.40000	2.49069	346.57980	944.83980	1.19624	2042.32001
1.495	-4.096	337.56930	1230.74661	528.29230	386.99000	101.40000	2.49044	346.75980	944.81980	1.20285	2042.32001
1.495	-3.128	337.45210	1230.56424	528.20601	386.96680	101.40000	2.49001	346.63990	944.81980	1.20301	2042.28500
1.495	-2.164	337.70390	1231.16425	528.47379	386.97440	101.40000	2.49173	346.89990	944.81980	1.21820	2042.28500
1.495	-1.205	337.60570	1230.93706	528.37181	386.94310	101.40000	2.49160	346.79980	944.81980	1.23115	2042.28500
1.496	-.224	337.35230	1230.86638	528.31379	386.90010	101.40000	2.49054	346.53980	944.80980	1.20583	2042.28500
1.495	.773	337.47070	1230.52907	528.19381	386.95340	101.40000	2.49041	346.65990	944.78980	1.21881	2042.28500
1.496	1.807	337.40160	1230.98567	528.36640	386.92430	101.40000	2.49044	346.58980	944.78980	1.19322	2042.28500
GRADIENT		-.02989	.01268	.00136	-.01081	.00000	-.00002	-.03036	-.00585	-.00041	-.00380

IA310 (AEDC 16TF-783) FAIRING-OFF DATABASE

(VCM032) ( 04 OCT 91 )

PARAMETRIC DATA

BETA = -3.000 PHI = 180.000

RUN NO. 1424/ O RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	P	PT	Q(PSF)	T(R)	TT(F)	RN/L	PC	PREF	SH10+3	PATM
1.515	-8.053	327.46220	1229.40977	526.42738	382.87940	101.20000	2.49134	336.49000	911.83980	1.66594	2043.02000
1.516	-7.041	327.12790	1230.02098	526.61365	382.74220	101.20000	2.49140	336.14990	911.84990	1.64000	2043.02000
1.516	-6.059	327.26540	1229.61417	526.47697	382.79860	101.20000	2.49137	336.28980	911.88990	1.66143	2043.02000
1.516	-5.074	327.39400	1229.33678	526.38841	382.86790	101.20000	2.49104	336.41990	911.88990	1.66183	2043.02000
1.516	-4.101	327.17800	1229.41861	526.38818	382.78610	101.20000	2.49095	336.20000	911.90990	1.66169	2043.02000
1.516	-3.123	327.05000	1229.56921	526.42728	382.79660	101.30000	2.49047	336.06980	911.92990	1.66146	2042.98500
1.516	-2.166	327.15670	1229.89676	526.57072	382.80960	101.30000	2.49104	336.17990	911.92990	1.65684	2043.02000
1.515	-1.207	327.93260	1229.73721	526.62377	383.09670	101.30000	2.49149	336.97000	911.95000	1.65300	2043.02000
1.515	-.224	327.70750	1229.70679	526.57838	383.03300	101.30000	2.49099	336.74000	911.96000	1.64467	2043.02000
1.516	.773	327.55980	1230.05742	526.69264	382.96700	101.30000	2.49112	336.58980	911.95000	1.63175	2043.02000
1.515	1.808	327.67700	1230.15903	526.74886	382.99830	101.30000	2.49142	336.71000	911.97000	1.63163	2043.02000
GRADIENT		.11087	.10970	.05895	.04338	.01086	.00010	.11314	.00911	-.00590	.00251

RUN NO. 1412/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	P	PT	Q(PSF)	T(R)	TT(F)	RN/L	PC	PREF	SH10+3	PATM
1.543	-8.056	317.49150	1240.13612	528.83855	378.31590	100.50000	2.49610	326.33980	899.55980	1.38367	2042.63499
1.542	-7.042	317.41360	1239.62502	528.62970	378.29980	100.50000	2.49580	326.25980	899.55980	1.40933	2042.67000
1.542	-6.057	317.67720	1240.00752	528.82451	378.37840	100.50000	2.49638	326.52980	899.56980	1.39455	2042.67000
1.543	-5.077	317.42330	1239.87207	528.72565	378.30570	100.50000	2.49577	326.26980	899.55980	1.39109	2042.67000
1.542	-4.095	317.57890	1240.15558	528.86194	378.33540	100.50000	2.49642	326.42990	899.55980	1.39079	2042.67000
1.543	-3.126	317.51100	1240.12903	528.83916	378.32350	100.50000	2.49612	326.35990	899.55980	1.38368	2042.67000
1.542	-2.163	317.51120	1240.05699	528.81223	378.33500	100.50000	2.49590	326.35990	899.55980	1.38022	2042.67000
1.542	-1.207	317.54170	1239.94534	528.74535	378.36770	100.50000	2.49552	326.38990	899.55980	1.37690	2042.70500
1.542	-.222	317.61010	1239.94534	528.78976	378.38920	100.50000	2.49565	326.46000	899.53980	1.37328	2042.70500
1.543	.773	317.54960	1240.39809	528.94832	378.32280	100.50000	2.49643	326.39990	899.53980	1.37630	2042.70500
1.542	1.807	317.66770	1239.67979	528.69792	378.38480	100.50000	2.49619	326.51980	899.54980	1.40930	2042.70500
GRADIENT		.01628	-.03678	-.01089	.00731	-.00000	-.00001	.01654	-.00328	.00130	.00760

IA310 (AEDC 16TF-783) FAIRING-OFF DATABASE

(VCM033) ( 04 OCT 91 )

PARAMETRIC DATA

BETA = -2.000 PHI = 180.000

RUN NO. 1353/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	P	PT	Q(PSF)	T(R)	TT(F)	RN/L	PC	PREF	SH10+3	PATM
.600	-8.033	1252.79601	1597.41000	315.25370	521.85030	99.70000	2.50001	1262.55000	1299.61000	.73906	2043.47501
.599	-7.035	1252.86501	1596.53000	314.45730	521.84740	99.59999	2.49694	1262.60001	1299.59000	.73947	2043.47501
.600	-6.043	1251.92999	1597.00999	315.62740	521.78470	99.70000	2.50103	1261.69000	1299.56000	.73924	2043.47501
.600	-5.061	1252.13699	1597.33000	315.72680	521.77930	99.70000	2.50166	1261.89999	1299.52000	.73909	2043.47501
.600	-4.086	1252.17000	1596.70000	315.17020	521.74880	99.59999	2.49968	1261.92000	1299.50999	.73739	2043.47501
.600	-3.118	1251.85100	1596.92000	315.61690	521.78370	99.70000	2.50092	1261.61000	1299.50000	.73531	2043.44000
.600	-2.166	1251.73599	1597.07001	315.83720	521.75590	99.70000	2.50184	1261.50000	1299.46001	.73326	2043.44000
.600	-1.241	1252.00301	1596.92999	315.50050	521.80080	99.70000	2.50050	1261.75999	1299.44000	.73332	2043.44000
.600	-.298	1251.44901	1596.72000	315.77880	521.75440	99.70000	2.50133	1261.21001	1299.41000	.73342	2043.44000
.600	.705	1251.47400	1596.46001	315.53930	521.78170	99.70000	2.50025	1261.23000	1299.38000	.72174	2043.40500
.600	1.775	1251.46600	1596.87000	315.89060	521.74240	99.70000	2.50187	1261.23000	1299.34000	.72351	2043.40500
GRADIENT		-.11606	-.02740	.07217	-.00102	.01098	.00018	-.11484	-.02956	-.00254	-.01038

RUN NO. 1343/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	P	PT	Q(PSF)	T(R)	TT(F)	RN/L	PC	PREF	SH10+3	PATM
.800	-8.015	880.59810	1342.28000	394.47000	496.87600	100.80000	2.49656	890.51000	1047.16000	.83116	2044.24500
.799	-7.008	880.76560	1341.89000	394.06740	496.85550	100.70000	2.49565	890.66990	1047.16000	.83140	2044.28000
.800	-6.016	880.29710	1342.14000	394.57130	496.84230	100.80000	2.49667	890.21000	1047.14999	.83125	2044.24500
.800	-5.030	880.39260	1341.85001	394.29170	496.71090	100.60000	2.49677	890.29980	1047.14000	.83368	2044.24500
.800	-4.045	880.09570	1342.10001	394.67850	496.72530	100.70000	2.49748	890.01000	1047.14000	.84033	2044.24500
.800	-3.070	880.18070	1341.84000	394.42820	496.76660	100.70000	2.49654	890.08980	1047.14999	.85889	2044.24500
.801	-2.112	879.88530	1342.02000	394.76250	496.69970	100.70000	2.49761	889.79980	1047.16000	.85183	2044.24500
.800	-1.170	880.56300	1341.94000	394.24240	496.72900	100.60000	2.49674	890.47000	1047.16000	.85419	2044.21001
.800	-.214	880.31760	1342.12000	394.54220	496.84770	100.80000	2.49657	890.23000	1047.12000	.85177	2044.21001
.800	.787	880.53660	1341.70000	394.08280	496.83860	100.70000	2.49549	890.43990	1047.14000	.85898	2044.21001
.800	1.842	880.17700	1342.07001	394.60080	496.74150	100.70000	2.49725	890.08980	1047.16000	.85411	2044.21001
GRADIENT		.04983	-.00971	-.04109	.01223	.00360	-.00014	.04918	.00006	.00151	-.00766

RUN NO. 1331/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	P	PT	Q(PSF)	T(R)	TT(F)	RN/L	PC	PREF	SH10+3	PATM
.900	-8.041	752.81180	1273.03000	426.70460	482.00980	100.40000	2.49662	762.81980	977.43990	1.22410	2044.56000
.900	-6.998	753.06320	1273.05000	426.56860	482.05370	100.40000	2.49635	763.06980	977.42990	1.21765	2044.56000
.899	-6.007	753.03660	1272.78999	426.40580	481.99100	100.30000	2.49625	763.03980	977.41990	1.21149	2044.56000
.900	-5.020	752.74150	1273.00000	426.72580	482.00020	100.40000	2.49663	762.75000	977.40990	1.19541	2044.56000
.900	-4.043	752.69950	1273.13000	426.84030	481.89230	100.30000	2.49762	762.71000	977.37990	1.19214	2044.56000
.900	-3.068	752.49170	1272.86000	426.77830	481.96970	100.40000	2.49658	762.50000	977.39990	1.19239	2044.59500
.900	-2.108	752.62350	1272.78999	426.65160	481.91530	100.30000	2.49679	762.62990	977.37990	1.18304	2044.56000
.900	-1.172	752.56690	1273.24001	426.99460	481.94240	100.40000	2.49752	762.57980	977.37990	1.17950	2044.56000
.900	-.223	752.83740	1272.63000	426.41460	482.05790	100.40000	2.49550	762.83980	977.37990	1.19892	2044.56000
.900	.775	752.76880	1273.22000	426.86080	481.98140	100.40000	2.49720	762.77980	977.34990	1.19836	2044.56000
.900	1.830	752.77220	1272.97000	426.68700	482.00900	100.40000	2.49651	762.77980	977.34990	1.19860	2044.56000
GRADIENT		.03607	.00304	-.01938	.01886	.01463	-.00012	.03581	-.00702	.00174	-.00255

IA310 (AEDC 16TF-783) FAIRING-OFF DATABASE

(VCMO33) ( 04 OCT 91 )

PARAMETRIC DATA

BETA = -2.000 PHI = 180.000

RUN NO. 1322/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	P	PT	Q(PSF)	T(R)	TT(F)	RN/L	PC	REF	SH10+3	PATM
1.099	-8.010	565.53980	1206.28999	478.30540	450.34690	99.50000	2.50241	575.73000	863.11990	.81152	2045.12000
1.100	-6.958	564.89040	1206.06000	478.42850	450.22360	99.50000	2.50219	575.07980	863.12990	.80724	2045.12000
1.100	-5.968	564.65160	1205.89999	478.42970	450.26660	99.59999	2.50135	574.83980	863.14990	.79197	2045.12000
1.101	-4.969	564.43070	1205.89999	478.51660	450.21630	99.59999	2.50146	574.61990	863.14990	.78116	2045.12000
1.100	-3.981	564.51150	1205.88000	478.47310	450.23680	99.59999	2.50137	574.70000	863.20000	.78548	2045.08501
1.100	-2.981	564.75850	1206.20000	478.56180	450.25900	99.59999	2.50199	574.95000	863.20000	.79178	2045.08501
1.100	-2.024	564.77080	1206.00000	478.44070	450.28320	99.59999	2.50153	574.96000	863.21000	.79409	2045.08501
1.100	-1.048	564.89990	1206.11000	478.45360	450.30080	99.59999	2.50172	575.08980	863.25000	.80278	2045.08501
1.100	-.086	565.00340	1205.80000	478.23220	450.35740	99.59999	2.50096	575.18990	863.25000	.80963	2045.12000
1.100	.902	564.91210	1205.89000	478.32080	450.32710	99.59999	2.50121	575.09990	863.26980	.83205	2045.08501
1.100	1.929	565.01290	1205.85001	478.25780	450.35420	99.59999	2.50107	575.20000	863.29980	.83665	2045.08501
GRADIENT		.08426	-.01672	-.04299	.02098	-.00000	-.00008	.08387	.01930	.00830	-.00173

RUN NO. 1367/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	P	PT	Q(PSF)	T(R)	TT(F)	RN/L	PC	REF	SH10+3	PATM
1.249	-8.019	463.06960	1198.27000	505.86770	427.07180	100.70000	2.49658	473.20000	904.99000	1.17305	2041.79500
1.250	-6.997	462.44040	1198.42999	506.08640	426.96580	100.80000	2.49624	472.56980	905.02980	1.17602	2041.79500
1.250	-6.005	462.44430	1197.85001	505.79200	427.02610	100.80000	2.49506	472.56980	905.05980	1.17972	2041.79500
1.250	-5.012	462.27370	1198.00000	505.90500	426.88960	100.70000	2.49593	472.39990	905.09990	1.18271	2041.79500
1.250	-4.030	462.50200	1198.17000	505.94140	427.00850	100.80000	2.49572	472.62990	905.15990	1.18254	2041.79599
1.250	-3.054	462.40380	1197.95000	505.85130	427.00510	100.80000	2.49526	472.52980	905.17990	1.18276	2041.79500
1.250	-2.087	462.60380	1197.86000	505.76710	426.98970	100.70000	2.49571	472.73000	905.21000	1.18599	2041.75999
1.250	-1.140	462.73340	1197.85001	505.72850	427.02610	100.70000	2.49569	472.85980	905.23000	1.18601	2041.75999
1.250	-.178	462.64380	1197.86000	505.75340	427.07760	100.80000	2.49511	472.76980	905.28980	1.18285	2041.75999
1.250	.822	462.75020	1198.32001	505.96290	427.05880	100.80000	2.49606	472.87990	905.31980	1.18239	2041.72501
1.250	1.875	462.82150	1198.07001	505.82060	427.10300	100.80000	2.49556	472.95000	905.34990	1.18264	2041.69000
GRADIENT		.06175	.01605	-.00541	.01751	.00374	.00002	.06207	.03396	-.00013	-.01288

RUN NO. 1378/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	P	PT	Q(PSF)	T(R)	TT(F)	RN/L	PC	REF	SH10+3	PATM
1.400	-8.013	381.99950	1215.38000	523.99540	402.80350	101.00000	2.49364	391.71000	920.95000	1.23576	2041.65500
1.400	-6.993	381.89400	1214.87000	523.77440	402.82010	101.00000	2.49264	391.59990	920.95000	1.23955	2041.65500
1.400	-6.001	381.60860	1214.64000	523.67970	402.68380	100.90000	2.49260	391.30980	920.97000	1.23979	2041.65500
1.400	-5.010	381.74410	1215.09000	523.87380	402.75390	101.00000	2.49293	391.45000	920.98000	1.23933	2041.65500
1.400	-4.026	381.84010	1215.60001	524.09470	402.73460	101.00000	2.49393	391.54980	920.98000	1.22902	2041.65500
1.400	-3.042	381.72510	1214.99001	523.83030	402.75780	101.00000	2.49273	391.42990	920.99000	1.22964	2041.65500
1.400	-2.080	381.70700	1214.70000	523.70390	402.77980	101.00000	2.49219	391.40990	920.98000	1.22993	2041.65500
1.400	-1.127	381.74320	1215.27000	523.95240	402.73660	101.00000	2.49326	391.45000	920.99000	1.22935	2041.62000
1.400	-.162	381.96000	1215.42000	524.01370	402.85960	101.10000	2.49310	391.66990	920.98000	1.22271	2041.62000
1.400	.834	381.84500	1214.78000	523.73610	402.88550	101.00000	2.49185	391.54980	920.99000	1.22660	2041.62000
1.400	1.888	381.76730	1214.53999	523.63260	402.88500	101.00000	2.49135	391.47000	920.98000	1.27307	2041.58501
GRADIENT		.00969	-.10636	-.04670	.02869	.02185	-.00032	.00917	-.00002	.00443	-.01151



( VCM033 ) ( 04 OCT 91 )

PARAMETRIC DATA

BETA = -2.000 PHI = 180.000

RUN NO. 1390/ O RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	P	PT	Q(PSF)	T(R)	TT(F)	RN/L	PC	PREF	SH10+3	PATM
1.449	-8.038	359.26680	1226.31000	528.32640	394.58150	100.70000	2.49594	368.75000	932.43990	1.28769	2042.07500
1.450	-7.021	358.96260	1226.09000	528.21950	394.43580	100.60000	2.49586	368.43990	932.46000	1.28115	2042.07500
1.450	-6.034	358.98410	1225.75000	528.07930	394.61470	100.80000	2.49409	368.46000	932.47000	1.28489	2042.03999
1.450	-5.045	359.05250	1225.86000	528.12840	394.62600	100.80000	2.49435	368.52980	932.49000	1.28477	2042.07500
1.450	-4.069	358.89380	1226.05000	528.19920	394.55880	100.80000	2.49453	368.36990	932.52980	1.28796	2042.07500
1.450	-3.100	358.92210	1226.25999	528.28810	394.47800	100.70000	2.49552	368.39990	932.51980	1.28774	2042.07500
1.451	-2.149	358.47900	1226.20000	528.24020	394.34420	100.70000	2.49500	367.95000	932.53980	1.28780	2042.03999
1.451	-1.218	359.12110	1225.95000	528.16940	394.56880	100.70000	2.49517	368.59990	932.55980	1.29827	2042.00500
1.450	-.273	358.90450	1225.89000	528.13330	394.57690	100.80000	2.49426	368.37990	932.54980	1.29493	2042.00500
1.450	.733	358.76490	1226.19000	528.25100	394.50540	100.80000	2.49466	368.24000	932.54980	1.30144	2042.00500
1.449	1.801	359.21970	1225.89999	528.15330	394.67480	100.80000	2.49458	368.70000	932.58980	1.30518	2042.00500
	GRADIENT	.04076	-.03299	-.01164	.02362	.01109	-.00009	.04120	.00926	.00318	-.01404

RUN NO. 1435/ O RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	P	PT	Q(PSF)	T(R)	TT(F)	RN/L	PC	PREF	SH10+3	PATM
1.471	-8.037	347.92210	1225.12453	527.08053	390.80860	101.20000	2.49163	357.25980	897.91990	1.25495	2042.98500
1.471	-7.015	347.98120	1225.16272	527.10111	390.82500	101.20000	2.49175	357.31980	897.95000	1.25492	2042.98500
1.471	-6.025	347.84370	1224.97256	527.01247	390.79080	101.20000	2.49141	357.17990	897.92990	1.25834	2043.02000
1.471	-5.040	347.93240	1224.98633	527.02487	390.81930	101.20000	2.49151	357.26980	897.93990	1.25834	2043.02000
1.471	-4.062	347.77390	1224.96918	527.00468	390.75020	101.20000	2.49169	357.10990	897.96000	1.26813	2042.98500
1.471	-3.093	348.09840	1225.29735	527.16512	390.85180	101.20000	2.49208	357.43990	897.91990	1.25479	2042.95000
1.471	-2.138	347.84330	1225.31674	527.15272	390.78150	101.20000	2.49159	357.17990	897.92990	1.24503	2042.98500
1.471	-1.202	347.88260	1225.25175	527.12884	390.79520	101.20000	2.49161	357.22000	897.95000	1.24833	2042.98500
1.471	-.253	347.88380	1224.87215	526.97506	390.83170	101.20000	2.49127	357.20000	897.92990	1.25845	2042.95000
1.471	.750	347.97170	1225.06427	527.06056	390.83110	101.20000	2.49157	357.30980	897.93990	1.25502	2042.98500
1.471	1.818	348.03980	1225.13448	527.09443	390.83540	101.20000	2.49197	357.37990	897.89990	1.26146	2042.98500
	GRADIENT	.02189	-.01476	-.00409	.00909	.00000	-.00002	.02208	-.00525	-.00020	.00134

RUN NO. 1402/ O RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	P	PT	Q(PSF)	T(R)	TT(F)	RN/L	PC	PREF	SH10+3	PATM
1.495	-8.029	337.52830	1230.97888	528.37883	386.94560	101.40000	2.49098	346.72000	944.73000	1.20889	2042.25000
1.495	-7.011	337.49100	1230.78572	528.29830	386.89990	101.30000	2.49085	346.67990	944.75000	1.19655	2042.21500
1.496	-6.021	337.57740	1231.34279	528.52904	386.95610	101.40000	2.49114	346.76980	944.73000	1.18979	2042.25000
1.496	-5.036	337.56640	1231.68089	528.66269	386.93020	101.40000	2.49155	346.75980	944.72000	1.18326	2042.21500
1.496	-4.058	337.51880	1231.17789	528.45696	386.87770	101.30000	2.49148	346.71000	944.73000	1.19305	2042.21500
1.496	-3.086	337.59740	1231.47539	528.58470	386.90450	101.30000	2.49155	346.78980	944.72000	1.17424	2042.21500
1.496	-2.125	337.40190	1231.33864	528.50716	386.85910	101.30000	2.49097	346.58980	944.71000	1.16823	2042.21500
1.496	-1.191	337.37330	1231.21854	528.45629	386.86500	101.30000	2.49065	346.55980	944.71000	1.16530	2042.21500
1.496	-.239	337.71360	1232.02591	528.81680	386.90670	101.30000	2.49237	346.90990	944.70000	1.16456	2042.17999
1.496	.762	337.67530	1231.77824	528.71404	386.98100	101.40000	2.49139	346.86990	944.67990	1.16785	2042.21500
1.495	1.829	337.50980	1230.92393	528.35497	386.96260	101.40000	2.49052	346.70000	944.67990	1.19641	2042.17999
	GRADIENT	.01581	.01674	.00849	.01680	.01851	-.00007	.01616	-.00883	-.00013	-.00515

IA310 (AEDC 16TF-783) FAIRING-OFF DATABASE

(VCM033) ( 04 OCT 91 )

PARAMETRIC DATA

BETA = -2.000 PHI = 180.000

RUN NO. 1425/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	P	PT	Q(PSF)	T(R)	TT(F)	RN/L	PC	PREF	SH10+3	PATM
1.516	-8.029	327.53050	1230.17493	526.73329	382.95730	101.30000	2.49108	336.55380	912.00000	1.62335	2043.05499
1.516	-7.011	327.10770	1229.75471	526.50857	382.78860	101.30000	2.49106	336.12990	912.01000	1.66962	2043.02000
1.516	-6.023	327.14790	1229.54832	526.43398	382.82670	101.30000	2.49065	336.16990	912.01000	1.66570	2043.05499
1.516	-5.038	327.17800	1229.47041	526.40780	382.85520	101.30000	2.49033	336.20000	912.01000	1.65742	2043.05499
1.516	-4.059	327.30520	1229.82770	526.56528	382.88890	101.30000	2.49066	336.32980	912.01980	1.64029	2043.05499
1.517	-3.086	327.07790	1231.01840	526.99041	382.77340	101.30000	2.49112	336.09990	912.02980	1.58558	2043.09000
1.517	-2.130	327.21660	1230.95848	526.98767	382.84790	101.30000	2.49077	336.24000	912.05980	1.56967	2043.09000
1.517	-1.191	327.18920	1230.44855	526.78555	382.88960	101.30000	2.48977	336.21000	912.05980	1.56634	2043.09000
1.517	-.239	327.09790	1231.33301	527.11443	382.78880	101.30000	2.49098	336.11990	912.04980	1.55725	2043.09000
1.516	.766	327.67630	1230.55476	526.90222	382.97880	101.30000	2.49178	336.71000	912.03980	1.61876	2043.09000
1.516	1.831	327.26610	1230.11763	526.67059	382.88210	101.30000	2.49050	336.28980	912.04980	1.61519	2043.05499
GRADIENT		.03519	.00885	.00869	.01216	.00000	.00004	.03590	.00362	-.00061	-.00012

RUN NO. 1413/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	P	PT	Q(PSF)	T(R)	TT(F)	RN/L	PC	PREF	SH10+3	PATM
1.542	-8.032	317.53080	1240.07906	528.82443	378.33980	100.50000	2.49596	326.37990	899.50000	1.38020	2042.70500
1.542	-7.010	317.55000	1239.70511	528.68557	378.33590	100.50000	2.49619	326.39990	899.50000	1.41287	2042.74001
1.542	-6.026	317.58810	1239.85161	528.74759	378.32670	100.50000	2.49667	326.43990	899.48000	1.41996	2042.70500
1.542	-5.037	317.45290	1239.32098	528.52205	378.32100	100.50000	2.49571	326.29980	899.51000	1.42421	2042.74001
1.542	-4.058	317.57010	1239.33235	528.54833	378.41890	100.60000	2.49545	326.41990	899.49000	1.43152	2042.74001
1.542	-3.085	317.57980	1239.28723	528.53328	378.42140	100.60000	2.49548	326.42990	899.48000	1.43524	2042.74001
1.542	-2.130	317.50150	1239.21027	528.48869	378.39550	100.60000	2.49536	326.34990	899.49000	1.43900	2042.74001
1.542	-1.192	317.71680	1239.14575	528.50449	378.53980	100.70000	2.49499	326.56980	899.48000	1.44280	2042.70500
1.542	-.238	317.76660	1239.52524	528.65940	378.57320	100.70000	2.49475	326.61990	899.48000	1.40589	2042.74001
1.542	.765	317.46310	1239.38254	528.54749	378.46900	100.70000	2.49435	326.30980	899.47000	1.41323	2042.74001
1.542	1.828	317.66870	1239.41772	528.59982	378.54320	100.70000	2.49455	326.51980	899.46000	1.40961	2042.70500
GRADIENT		.01178	.02793	.01292	.02350	.02185	-.00020	.01185	-.00445	-.00524	-.00390

(VCMO34) ( 04 OCT 91 )

IA310 (AEDC 16TF-783) FAIRING-OFF DATABASE

PARAMETRIC DATA

BETA = -1.000 PHI = 180.000

RUN NO. 1354/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	P	PT	Q(PSF)	T(R)	TT(F)	RN/L	PC	PREF	SH10+3	PATM
.600	-8.002	1252.55499	1597.25000	315.31690	521.83670	99.70000	2.50011	1262.31000	1299.28999	.73515	2043.40500
.599	-6.991	1252.25000	1596.31000	314.77730	521.88790	99.70000	2.49735	1261.99001	1299.28000	.73360	2043.40500
.600	-6.001	1252.22900	1596.81000	315.21460	521.83890	99.70000	2.49936	1261.98000	1299.27000	.73337	2043.40500
.600	-5.008	1251.98100	1597.00999	315.58570	521.79080	99.70000	2.50088	1261.74001	1299.27000	.73131	2043.40500
.600	-4.023	1251.94099	1597.44000	315.97950	521.74580	99.70000	2.50267	1261.71001	1299.24001	.73111	2043.40500
.600	-3.040	1251.43700	1596.81000	315.86430	521.74460	99.70000	2.50172	1261.20000	1299.22000	.73140	2043.40500
.601	-2.078	1251.44501	1596.91000	315.94170	521.73610	99.70000	2.50209	1261.21001	1299.20000	.72741	2043.37000
.600	-1.158	1251.41800	1596.71001	315.79520	521.75170	99.70000	2.50139	1261.17999	1299.19000	.72358	2043.40500
.601	-.265	1251.44299	1597.00000	316.01880	521.72750	99.70000	2.50245	1261.21001	1299.16000	.71761	2043.40500
.600	.783	1251.53600	1596.91000	315.86670	521.74710	99.70000	2.50181	1261.30000	1299.13000	.71765	2043.37000
.601	1.859	1251.28101	1596.94000	316.10030	521.71390	99.70000	2.50259	1261.05000	1299.07001	.72153	2043.37000
GRADIENT		-.06612	-.04451	-.05377	-.00371	.00000	.00002	-.06596	-.02708	-.00240	-.00528

RUN NO. 1344/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	P	PT	Q(PSF)	T(R)	TT(F)	RN/L	PC	PREF	SH10+3	PATM
.800	-7.965	880.63110	1342.11000	394.32180	496.81050	100.70000	2.49656	890.53980	1047.14999	.85640	2044.21001
.800	-6.981	880.57710	1342.33000	394.52120	496.86720	100.80000	2.49675	890.49000	1047.14000	.87260	2044.21001
.800	-5.989	880.13870	1341.95000	394.53810	496.83670	100.80000	2.49638	890.04980	1047.13000	.85419	2044.21001
.800	-4.995	880.21950	1341.92000	394.46090	496.85300	100.80000	2.49614	890.12990	1047.13000	.85190	2044.17500
.800	-4.002	879.99800	1341.88000	394.58180	496.82150	100.80000	2.49641	889.90990	1047.13000	.84503	2044.17500
.801	-3.015	879.97440	1342.13000	394.78300	496.70240	100.70000	2.49779	889.88990	1047.14000	.86103	2044.17500
.800	-2.045	880.06640	1342.06000	394.66890	496.72490	100.70000	2.49741	889.98000	1047.13000	.85875	2044.17500
.800	-1.108	880.45070	1342.02000	394.37790	496.79100	100.70000	2.49661	890.35990	1047.14000	.85877	2044.17500
.800	-.186	880.37940	1342.06000	394.45610	496.86400	100.80000	2.49628	890.28980	1047.14000	.85875	2044.14000
.800	.847	880.35130	1341.89999	394.35640	496.87620	100.80000	2.49585	890.26000	1047.16000	.85885	2044.14000
.800	1.903	880.79320	1342.06000	394.17430	496.84200	100.70000	2.49612	890.70000	1047.14000	.86340	2044.14000
GRADIENT		.09019	.01021	-.05377	.00894	-.00509	-.00010	.08944	.00278	.00175	-.00640

RUN NO. 1332/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	P	PT	Q(PSF)	T(R)	TT(F)	RN/L	PC	PREF	SH10+3	PATM
.900	-7.989	752.77000	1273.11000	426.78420	481.90750	100.30000	2.49747	762.77980	977.31980	1.16720	2044.56000
.900	-6.968	752.67460	1272.75000	426.59370	482.01510	100.40000	2.49604	762.67990	977.29980	1.16754	2044.52499
.900	-5.973	752.76930	1273.19000	426.83980	481.98490	100.40000	2.49712	762.77980	977.31980	1.17332	2044.56000
.900	-4.982	752.70020	1273.07001	426.79860	481.98510	100.40000	2.49688	762.71000	977.29980	1.19219	2044.56000
.900	-3.996	752.60910	1273.11000	426.88010	481.96410	100.40000	2.49711	762.61990	977.29980	1.19847	2044.56000
.900	-3.007	752.71970	1273.12000	426.82130	481.98320	100.40000	2.49699	762.73000	977.28980	1.19846	2044.56000
.900	-2.037	752.77220	1272.96001	426.67990	482.01030	100.40000	2.49648	762.77980	977.30980	1.19861	2044.52499
.900	-1.111	752.53980	1273.00999	426.85250	481.96220	100.40000	2.49692	762.54980	977.29980	1.17660	2044.52499
.900	-.199	752.77050	1273.08000	426.76340	481.99680	100.40000	2.49681	762.77980	977.28980	1.20166	2044.56000
.900	.834	752.90840	1273.31000	426.83940	482.08330	100.50000	2.49669	762.91990	977.27980	1.17321	2044.56000
.900	1.889	752.71190	1272.95000	426.70900	482.08640	100.50000	2.49596	762.72000	977.25980	1.17044	2044.52499
GRADIENT		.01826	.00076	-.01036	.01602	.01482	-.00011	.01814	-.00482	-.00359	-.00308

IA310 (AEDC 16TF-783) FAIRING-OFF DATABASE

(VCM034) ( 04 OCT 91 )

PARAMETRIC DATA

BETA = -1.000 PHI = 180.000

RUN NO. 1323/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	P	PT	Q(PSF)	T(R)	TT(F)	RN/L	PC	REF	SH10+3	PATM
1.099	-7.980	565.41020	1206.20000	478.30420	450.40750	99.59999	2.50168	575.59990	863.32980	.83869	2045.08501
1.100	-6.950	564.92820	1206.25999	478.52980	450.37180	99.70000	2.50146	575.11990	863.33980	.83636	2045.08501
1.100	-5.949	564.66110	1205.92999	478.44310	450.34620	99.70000	2.50083	574.84990	863.34990	.83203	2045.08501
1.100	-4.954	564.70070	1206.00000	478.46850	450.34770	99.70000	2.50098	574.88990	863.34990	.82970	2045.08501
1.100	-3.957	564.70210	1205.86000	478.38650	450.36300	99.70000	2.50065	574.88990	863.38990	.79636	2045.08501
1.100	-2.963	564.93090	1206.00999	478.38330	450.47970	99.80000	2.50031	575.11990	863.39990	.82291	2045.08501
1.100	-1.981	565.01050	1206.06000	478.38060	450.49240	99.80000	2.50038	575.20000	863.42990	.82062	2045.08501
1.100	-1.020	564.83350	1205.75000	478.27050	450.48510	99.80000	2.49975	575.01980	863.42990	.78126	2045.08501
1.100	-.051	564.95090	1206.03000	478.38700	450.48190	99.80000	2.50034	575.13990	863.46000	.78107	2045.08501
1.100	.940	564.96290	1205.86000	478.28340	450.58350	99.89999	2.49936	575.14990	863.49000	.78118	2045.08501
1.100	1.963	564.86080	1206.00000	478.40500	450.54520	99.89999	2.49973	575.04980	863.51000	.78109	2045.08501
GRADIENT		.02795	-.00293	-.01277	.03009	.02909	-.00019	.02784	.02182	-.00702	.00000

RUN NO. 1368/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	P	PT	Q(PSF)	T(R)	TT(F)	RN/L	PC	REF	SH10+3	PATM
1.250	-7.998	462.91800	1198.60001	506.06840	427.07450	100.80000	2.49665	473.04980	905.51980	1.19157	2041.65500
1.250	-6.973	462.41260	1198.10001	505.92530	426.91600	100.70000	2.49615	472.53980	905.54980	1.19207	2041.69000
1.250	-5.978	462.37280	1198.11000	505.93920	426.98070	100.80000	2.49558	472.50000	905.54980	1.19523	2041.65500
1.250	-4.986	462.23510	1197.85001	505.83760	426.97070	100.80000	2.49504	472.35990	905.59990	1.19549	2041.69000
1.250	-3.995	462.16650	1197.63000	505.74100	426.97510	100.80000	2.49458	472.29980	905.63990	1.19571	2041.65500
1.250	-3.005	462.65110	1198.24001	505.94430	427.04080	100.80000	2.49588	472.77980	905.64990	1.19510	2041.65500
1.250	-2.031	462.64230	1198.07001	505.86010	427.05590	100.80000	2.49554	472.76980	905.70000	1.22451	2041.62000
1.250	-1.091	462.37550	1197.71001	505.73610	427.02220	100.80000	2.49477	472.50000	905.72000	1.22451	2041.62000
1.250	-.153	462.75120	1198.19000	505.89700	426.91990	100.60000	2.49697	472.87990	905.76000	1.18567	2041.65500
1.250	.881	462.64160	1198.14000	505.89550	426.97240	100.70000	2.49626	472.76980	905.81980	1.19203	2041.65500
1.250	1.923	462.35520	1197.73000	505.75050	426.86230	100.60000	2.49598	472.48000	905.81980	1.19561	2041.65500
GRADIENT		.03902	.01413	-.00138	-.01423	-.03032	.00021	.03927	.03389	-.00017	-.00340

RUN NO. 1380/ O RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	P	PT	Q(PSF)	T(R)	TT(F)	RN/L	PC	REF	SH10+3	PATM
1.400	-7.995	381.92260	1215.03000	523.84370	402.95700	101.20000	2.49177	391.62990	920.10990	1.23285	2041.51500
1.400	-6.970	381.88180	1215.23000	523.93210	402.92600	101.20000	2.49210	391.58980	920.14990	1.23919	2041.51500
1.400	-5.975	381.92260	1215.03999	523.84810	402.95630	101.20000	2.49179	391.62990	920.18990	1.23938	2041.51500
1.400	-4.984	381.74320	1215.25999	523.94800	402.88130	101.20000	2.49205	391.45000	920.22000	1.23588	2041.51500
1.400	-3.993	381.73750	1214.57001	523.64620	402.94480	101.20000	2.49079	391.43990	920.22000	1.23332	2041.48000
1.400	-3.001	381.78490	1214.92000	523.79860	402.92600	101.20000	2.49147	391.49000	920.24000	1.23623	2041.48000
1.399	-2.026	382.20920	1215.08000	523.85960	403.03880	101.20000	2.49207	391.91990	920.26980	1.21982	2041.51500
1.400	-1.080	382.00100	1215.14999	523.89480	402.96950	101.20000	2.49204	391.71000	920.26980	1.21653	2041.48000
1.400	-.137	381.68730	1214.72000	523.71290	402.91550	101.20000	2.49103	391.38990	920.29980	1.21053	2041.51500
1.399	.891	382.19040	1214.89999	523.78150	403.05030	101.20000	2.49173	391.89990	920.30980	1.21356	2041.48000
1.400	1.934	381.93480	1214.64999	523.67750	402.99680	101.20000	2.49109	391.63990	920.33980	1.21060	2041.48000
GRADIENT		.03792	-.03843	-.01756	.01508	-.00000	-.00004	.03810	.01782	-.00431	-.00217

## IA310 (AEDC 16TF-783) FAIRING-OFF DATABASE

( VCM034 ) ( 04 OCT 91 )

## PARAMETRIC DATA

BETA = -1.000 PHI = 180.000

RUN NO. 1391/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	P	PT	Q(PSF)	T(R)	TT(F)	RN/L	PC	PREF	SH10+3	PATM
1.450	-8.006	359.14820	1226.41000	528.36210	394.67600	100.90000	2.49481	368.62990	932.61990	1.29438	2041.97000
1.450	-6.983	358.72580	1226.11000	528.21560	394.57080	100.90000	2.49389	368.20000	932.61990	1.29811	2041.97000
1.450	-5.986	359.03200	1226.00999	528.18970	394.67630	100.90000	2.49400	368.50980	932.64990	1.29480	2041.93500
1.450	-5.002	358.92410	1225.89999	528.13840	394.72290	101.00000	2.49311	368.39990	932.67990	1.29833	2041.93500
1.450	-4.015	358.79640	1225.83000	528.10280	394.68920	101.00000	2.49287	368.26980	932.65990	1.30182	2041.93500
1.449	-3.031	359.22900	1226.02000	528.20390	394.80760	101.00000	2.49361	368.71000	932.67990	1.29820	2041.93500
1.450	-2.068	358.86500	1225.92999	528.14790	394.70140	101.00000	2.49311	368.33980	932.67990	1.30172	2041.89999
1.450	-1.145	358.76660	1225.85001	528.10960	394.67800	101.00000	2.49287	368.24000	932.71000	1.30523	2041.89999
1.450	-.249	358.75560	1226.05000	528.19210	394.65620	101.00000	2.49321	368.23000	932.70000	1.29817	2041.86501
1.450	.798	358.99150	1226.21001	528.27100	394.78590	101.10000	2.49312	368.47000	932.72000	1.29800	2041.86501
1.450	1.868	358.63870	1225.78999	528.07790	394.71360	101.10000	2.49205	368.10990	932.73000	1.29845	2041.86501
	GRADIENT	-.03891	.01303	.00342	-.00030	.01866	-.00012	-.03936	.01145	-.00052	-.01409

RUN NO. 1436/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	P	PT	Q(PSF)	T(R)	TT(F)	RN/L	PC	PREF	SH10+3	PATM
1.471	-8.006	348.02030	1225.30246	527.16177	390.83670	101.20000	2.49181	357.35990	897.89990	1.24830	2043.02000
1.471	-6.978	348.19680	1225.38457	527.20945	390.88230	101.20000	2.49220	357.53980	897.88990	1.25148	2043.02000
1.471	-5.986	347.90330	1224.93738	527.00330	390.81980	101.20000	2.49129	357.24000	897.89990	1.25514	2042.98500
1.471	-4.996	347.94430	1224.58487	526.86316	390.86670	101.20000	2.49069	357.27980	897.88990	1.25552	2042.98500
1.471	-4.009	347.85210	1225.45648	527.21023	390.76000	101.20000	2.49206	357.18990	897.90990	1.25135	2042.95000
1.471	-3.025	348.05960	1225.30481	527.16633	390.84370	101.20000	2.49195	357.39990	897.88990	1.25154	2042.98500
1.471	-2.059	348.13720	1225.49167	527.24755	390.85230	101.20000	2.49235	357.48000	897.88990	1.25136	2042.98500
1.470	-1.132	348.26660	1225.08658	527.09337	390.92190	101.20000	2.49194	357.60990	897.87990	1.25829	2042.98500
1.471	-.228	347.76760	1224.45648	526.79655	390.81350	101.20000	2.49044	357.09990	897.88990	1.25887	2042.98500
1.471	.818	347.84350	1224.94920	527.00285	390.78710	101.20000	2.49148	357.17990	897.86990	1.26162	2042.98500
1.471	1.885	347.91210	1225.08986	527.06560	390.80270	101.20000	2.49168	357.25000	897.85990	1.25823	2042.98500
	GRADIENT	-.01210	-.02187	-.00997	-.00414	-.00000	-.00001	-.01225	-.00518	.00120	.00214

RUN NO. 1403/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	P	PT	Q(PSF)	T(R)	TT(F)	RN/L	PC	PREF	SH10+3	PATM
1.495	-8.005	337.63600	1231.27087	528.50740	386.90010	101.30000	2.49192	346.82980	944.63990	1.19920	2042.14500
1.496	-6.983	337.38160	1231.02840	528.38197	386.83540	101.30000	2.49127	346.56980	944.62990	1.19941	2042.14500
1.495	-5.985	337.67700	1231.03090	528.41738	386.95460	101.30000	2.49119	346.86990	944.60990	1.18702	2042.14500
1.495	-4.995	337.52050	1230.91937	528.35523	386.98020	101.40000	2.49026	346.71000	944.60990	1.18710	2042.11000
1.496	-4.007	337.39160	1231.15999	528.43498	386.91410	101.40000	2.49057	346.57980	944.60990	1.18684	2042.14500
1.495	-3.027	337.62620	1231.41805	528.56464	386.89700	101.30000	2.49191	346.81980	944.59990	1.18972	2042.11000
1.496	-2.055	337.52660	1231.77040	528.69336	386.83470	101.30000	2.49235	346.72000	944.59990	1.18626	2042.11000
1.496	-1.125	337.37180	1231.34245	528.50515	386.90380	101.40000	2.49061	346.55980	944.56980	1.17741	2042.11000
1.496	-.215	337.35330	1231.19545	528.44505	386.92020	101.40000	2.49017	346.53980	944.56980	1.17142	2042.11000
1.496	.831	337.59670	1231.70737	528.87641	386.88670	101.30000	2.49187	346.78980	944.52980	1.17096	2042.11000
1.496	1.895	337.50050	1231.05241	528.40486	386.89670	101.30000	2.49098	346.68990	944.50980	1.18387	2042.11000
	GRADIENT	-.00067	.03124	.01229	-.00717	-.01003	.00006	-.00070	-.01499	-.00198	-.00213

IA310 (AEDC 16TF-783) FAIRING-OFF DATABASE

(VCM034) ( 04 OCT 91 )

PARAMETRIC DATA

MACH	ALPHA	P	RUN NO.	1426/ O	PT	Q(PSF)	T(R)	TT(F)	RN/L	PC	PREF	SH10+3	PATM
1.517	-8.000	327.30350	1230.98653		527.01314	382.84890	101.30000	2.49141	336.32980	912.06980	1.58968	2043.05499	
1.517	-6.983	327.25610	1230.95325		526.99160	382.87260	101.30000	2.49060	336.27980	912.05980	1.56173	2043.05499	
1.517	-5.985	327.26660	1230.81790		526.93998	382.89360	101.30000	2.49028	336.28980	912.06980	1.55794	2043.02000	
1.517	-4.996	327.13890	1230.97719		526.98308	382.84030	101.30000	2.49032	336.15990	912.06980	1.55376	2043.02000	
1.517	-4.008	327.21530	1231.46375		527.18290	382.82300	101.30000	2.49123	336.24000	912.09990	1.55315	2043.02000	
1.516	-3.022	327.52050	1231.12135		527.09665	382.95390	101.30000	2.49107	336.54980	912.09990	1.55759	2043.02000	
1.517	-2.055	327.19800	1231.04158		527.01670	382.86520	101.30000	2.49029	336.22000	912.10990	1.54581	2043.05499	
1.517	-1.125	327.14920	1230.63852		526.85315	382.85890	101.30000	2.49005	336.16990	912.09990	1.56609	2043.05499	
1.516	-.215	327.67580	1231.36476		527.21390	382.96970	101.30000	2.49195	336.71000	912.10990	1.56921	2043.05499	
1.516	.830	327.51170	1231.11790		527.09323	382.97190	101.30000	2.49066	336.53980	912.10990	1.54183	2043.05499	
1.517	1.895	327.14890	1231.25531		527.09128	382.84990	101.30000	2.49021	336.16990	912.11990	1.52988	2043.05499	
GRADIENT		.02303	.00675		.00596	.01016	-.00000	-.00002	.02338	.00516	-.00214	.00638	

BETA = -1.000

PHI = 180.000

GRADIENT INTERVAL = -5.00/ 5.00

GRADIENT INTERVAL = -5.00/ 5.00

RUN NO. 1414/ O

RN/L =

MACH	ALPHA	P	RUN NO.	1414/ O	PT	Q(PSF)	T(R)	TT(F)	RN/L	PC	PREF	SH10+3	PATM
1.542	-8.004	317.57980	1239.64134		528.66721	378.55470	100.80000	2.49432	326.42990	899.47000	1.41295	2042.77499	
1.542	-6.982	317.58010	1239.50563		528.61584	378.56690	100.80000	2.49409	326.42990	899.46000	1.41311	2042.77499	
1.542	-5.990	317.65820	1240.31683		528.93900	378.65770	100.90000	2.49366	326.50980	899.47000	1.36232	2042.77499	
1.543	-4.995	317.47240	1240.37970		528.92753	378.59620	100.90000	2.49338	326.31980	899.47000	1.35524	2042.77499	
1.542	-4.008	317.67870	1240.29909		528.93640	378.68530	100.90000	2.49330	326.52980	899.46000	1.34840	2042.74001	
1.543	-3.022	317.45190	1240.75554		529.06632	378.63260	101.00000	2.49321	326.29980	899.46000	1.34786	2042.77499	
1.542	-2.055	317.68750	1240.40326		528.97711	378.73270	101.00000	2.49316	326.53980	899.45000	1.35873	2042.74001	
1.542	-1.125	317.66770	1240.61847		529.05562	378.72070	101.00000	2.49323	326.51980	899.43990	1.34804	2042.74001	
1.543	-.215	317.65840	1240.71530		529.09073	378.73220	101.00000	2.49294	326.50980	899.45000	1.33068	2042.77499	
1.543	.829	317.54100	1240.74872		529.08153	378.75540	101.10000	2.49226	326.38990	899.42990	1.33063	2042.77499	
1.554	1.896	317.61910	1260.76811		536.73707	378.77930	101.10000	2.49241	326.47000	899.41990	.00000	2042.81000	
GRADIENT		.01133	1.81096		.69335	.02347	-.00016	-.00016	.01162	-.00666	-.12031	.00517	

## IA310 (AEDC 16TF-783) FAIRING-OFF DATABASE

(VCMO35) ( 04 OCT 91 )

## PARAMETRIC DATA

BETA = .000 PHI = 180.000

RUN NO. 1355/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	P	PT	Q(PSF)	T(R)	TT(F)	RN/L	PC	PREF	SH10+3	PATM
.599	-7.963	1253.16701	1597.14000	314.72220	521.91970	99.70000	2.49785	1262.91000	1299.06000	.71368	2043.33501
.600	-6.956	1252.62199	1597.46001	315.43850	521.82500	99.70000	2.50073	1262.38000	1299.03999	.71353	2043.33501
.600	-5.955	1251.82300	1596.78000	315.52200	521.88670	99.80000	2.49988	1261.58000	1299.02000	.71384	2043.33501
.600	-4.953	1251.88100	1596.92000	315.59180	521.78710	99.70000	2.50083	1261.64000	1299.02000	.71377	2043.33501
.601	-3.951	1251.24001	1596.97000	316.15970	521.79960	99.80000	2.50236	1261.00999	1298.98000	.70416	2043.30000
.600	-2.948	1251.64700	1596.97000	315.82670	521.84790	99.80000	2.50115	1261.41000	1298.94000	.70798	2043.30000
.601	-1.942	1251.51700	1597.34000	316.24370	521.79790	99.80000	2.50238	1261.28999	1298.92999	.70973	2043.30000
.601	-.922	1251.67799	1597.39999	316.16190	521.81150	99.80000	2.50273	1261.45000	1298.92999	.71937	2043.26500
.600	.192	1252.14600	1596.89000	315.34990	521.82150	99.70000	2.49992	1261.89999	1298.27000	.69660	2043.19501
.600	.869	1252.04201	1597.00999	315.53610	521.79790	99.70000	2.50070	1261.80000	1298.24001	.70223	2043.19501
.600	2.006	1251.94200	1596.92999	315.55050	521.79350	99.70000	2.50069	1261.70000	1298.22000	.70417	2043.19501
GRADIENT		.07357	.00113	-.05934	-.00025	-.00953	-.00016	.07242	-.13569	-.00123	-.02233

RUN NO. 1345/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	P	PT	Q(PSF)	T(R)	TT(F)	RN/L	PC	PREF	SH10+3	PATM
.800	-7.968	880.69920	1342.25000	394.37890	496.80660	100.70000	2.49686	890.26990	1047.16000	.86561	2044.14000
.800	-6.952	880.35820	1342.11000	394.50760	496.76660	100.70000	2.49705	890.26980	1047.16000	.86104	2044.10500
.800	-5.951	880.55270	1341.94000	394.24930	496.81590	100.70000	2.49618	890.46000	1047.12000	.85650	2044.10500
.800	-4.950	880.24800	1342.06000	394.54520	496.84280	100.80000	2.49652	890.15990	1047.16000	.85643	2044.10500
.800	-3.955	880.15770	1342.03000	394.58450	496.83130	100.80000	2.49659	890.06980	1047.14000	.85413	2044.10500
.800	-2.948	879.97710	1341.92999	394.63310	496.81270	100.80000	2.49660	889.88990	1047.14999	.84272	2044.10500
.800	-1.946	880.17940	1341.91000	394.48070	496.84770	100.80000	2.49618	890.08980	1047.07001	.84273	2044.07001
.800	-.933	880.20950	1341.92999	394.47510	496.85030	100.80000	2.49619	890.11990	1047.12000	.84044	2044.10500
.800	.019	880.34030	1341.94000	394.39360	496.78170	100.70000	2.49656	890.25000	1047.09000	.85882	2043.96500
.800	1.009	880.65260	1342.00999	394.23290	496.91330	100.80000	2.49565	890.55980	1047.09000	.86343	2043.92999
.799	2.003	880.74630	1341.83000	394.03610	496.94750	100.80000	2.49493	890.64990	1047.07001	.86355	2043.96500
GRADIENT		.08461	-.01996	-.07233	.01259	-.00358	-.00019	.08351	-.01293	.00168	-.02676

RUN NO. 1333/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	P	PT	Q(PSF)	T(R)	TT(F)	RN/L	PC	PREF	SH10+3	PATM
.900	-7.958	752.95040	1273.19000	426.73190	482.19020	100.60000	2.49573	762.96000	977.25980	1.14874	2044.52499
.900	-6.932	752.66160	1272.97000	426.76290	482.16090	100.60000	2.49551	762.66990	977.27980	1.14286	2044.52499
.900	-5.938	752.98540	1272.86000	426.48460	482.23220	100.60000	2.49478	762.99000	977.26980	1.13390	2044.52499
.900	-4.939	752.89790	1273.33000	426.85940	482.16530	100.60000	2.49618	762.90990	977.27980	1.13048	2044.52499
.900	-3.940	752.80740	1273.34000	426.92040	482.14770	100.60000	2.49632	762.81980	977.26980	1.12151	2044.49001
.900	-2.935	752.81300	1272.92000	426.62820	482.19410	100.60000	2.49570	762.81980	977.26980	1.11594	2044.49001
.900	-1.929	752.57960	1273.03999	426.84940	482.13840	100.60000	2.49580	762.58980	977.26980	1.10992	2044.52499
.900	-.918	752.85030	1273.14000	426.75730	482.17720	100.60000	2.49572	762.85990	977.25980	1.11574	2044.49001
GRADIENT		-.03205	-.06756	-.02737	.00145	.00000	-.00014	-.03272	-.00398	-.00408	-.00348

IA310 (AEDC 16TF-783) FAIRING-OFF DATABASE

(VCM035) ( 04 OCT 91 )

PARAMETRIC DATA

BETA = .000 PHI = 180.000

RUN NO. 1324/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	P	PT	Q (PSF)	T (R)	TT (F)	RN/L	PC	PREF	SH10+3	PATM
1.100	-7.946	565.12080	1206.07001	478.34300	450.43600	99.70000	2.50094	575.30980	863.55980	.81167	2045.08501
1.100	-6.933	564.73170	1205.91000	478.40380	450.60600	100.00000	2.49900	574.91990	863.55980	.81178	2045.08501
1.100	-5.936	564.72270	1205.80000	478.34330	450.61570	100.00000	2.49876	574.90990	863.57980	.80963	2045.05000
1.100	-4.941	564.56050	1205.95000	478.49460	450.32100	99.70000	2.50093	574.75000	863.58980	.81175	2045.08501
1.100	-3.935	565.02980	1206.13000	478.41380	450.40890	99.70000	2.50112	575.22000	863.62990	.77033	2045.08501
1.100	-2.935	564.56980	1206.03000	478.53740	450.39530	99.80000	2.50052	574.76000	863.65990	.80726	2045.08501
1.100	-1.940	564.85110	1205.97000	478.30490	450.54610	99.89999	2.49967	575.03980	863.64990	.80508	2045.08501
1.100	-.936	564.95240	1205.89000	478.39490	450.49730	99.80000	2.50002	575.13990	863.66990	.80735	2045.08501
1.100	.059	565.00420	1205.74001	478.19700	450.68630	100.00000	2.49848	575.18990	863.67990	.79644	2045.05000
1.100	.985	564.90920	1206.17000	478.48490	450.61870	100.00000	2.49952	575.09990	863.72000	.79397	2045.05000
1.100	2.007	564.71040	1206.00000	478.46440	450.51100	99.89999	2.49980	574.89990	863.74000	.79409	2045.05000
GRADIENT		.02244	-.00518	-.01188	.03859	.04087	-.00026	.02229	.01899	-.00042	-.00630

RUN NO. 1370/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	P	PT	Q (PSF)	T (R)	TT (F)	RN/L	PC	PREF	SH10+3	PATM
1.250	-7.973	462.88040	1198.24001	505.89400	426.94900	100.60000	2.49709	473.00980	903.83980	1.23700	2041.72501
1.250	-6.948	462.59180	1198.14999	505.91160	426.88210	100.60000	2.49687	472.72000	903.88990	1.23709	2041.72501
1.250	-5.950	462.54370	1197.91000	505.80050	426.89380	100.60000	2.49637	472.66990	903.95000	1.23734	2041.72501
1.250	-4.947	462.27510	1197.82001	505.81370	426.83200	100.60000	2.49615	472.39990	904.01980	1.23744	2041.72501
1.250	-3.951	462.19510	1197.85001	505.84640	426.80790	100.60000	2.49621	472.31980	904.05980	1.24069	2041.72501
1.250	-2.948	462.68140	1198.19000	505.91240	426.97780	100.70000	2.49637	472.80980	904.09990	1.24033	2041.75999
1.250	-1.946	462.55150	1198.22000	505.95580	426.94040	100.70000	2.49642	472.67990	904.13990	1.23702	2041.75999
1.250	-.941	462.40450	1197.83000	505.79030	426.94140	100.70000	2.49660	472.52980	904.17990	1.23415	2041.75999
1.250	-.074	462.50270	1198.06000	505.88550	426.94380	100.70000	2.49608	472.62990	904.37990	1.21446	2041.79500
1.250	.987	462.66280	1197.96001	505.79960	427.07250	100.80000	2.49531	472.78980	904.40990	1.20814	2041.79500
1.250	2.026	462.90090	1198.14000	505.83890	427.11690	100.80000	2.49571	473.02980	904.47000	1.20156	2041.75999
GRADIENT		.07294	.02424	-.00370	.03883	.02895	-.00011	.07335	.06931	-.00592	.00833

RUN NO. 1381/ O RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	P	PT	Q (PSF)	T (R)	TT (F)	RN/L	PC	PREF	SH10+3	PATM
1.400	-7.977	381.70530	1214.96001	523.81740	402.97020	101.30000	2.49089	391.40990	920.39990	1.21350	2041.51500
1.400	-6.948	381.71730	1214.64000	523.67720	403.00420	101.30000	2.49032	391.41990	920.38990	1.21061	2041.51500
1.400	-5.951	381.72220	1215.49001	524.04880	402.92500	101.30000	2.49187	391.42990	920.39990	1.20976	2041.51500
1.400	-4.954	381.99270	1214.89000	523.78100	403.06350	101.30000	2.49097	391.70000	920.43990	1.20716	2041.51500
1.400	-3.952	381.81540	1214.75999	523.72780	403.02220	101.30000	2.49061	391.51980	920.43990	1.21692	2041.51500
1.400	-2.954	381.51860	1214.78000	523.74240	402.93090	101.30000	2.49042	391.22000	920.43990	1.21368	2041.51500
1.401	-1.948	381.65330	1215.39999	524.01100	402.91260	101.30000	2.49165	391.35990	920.43990	1.20665	2041.55000
1.401	-.948	381.92360	1214.88000	523.77830	403.04350	101.30000	2.49090	391.62990	920.45000	1.20717	2041.51500
1.400	.055	381.94090	1215.28000	523.95290	403.01070	101.30000	2.49165	391.64990	920.46000	1.21318	2041.55000
1.399	1.005	382.03250	1214.87000	523.77150	403.07740	101.30000	2.49097	391.74000	920.46000	1.21359	2041.55000
1.400	2.022	381.77780	1214.45000	523.59300	403.04030	101.30000	2.49002	391.48000	920.45000	1.20760	2041.55000
GRADIENT		.01327	-.01818	-.00819	.00572	-.00000	-.00002	.01330	.00288	-.00018	.00585



IA310 (AEDC 16TF-783) FAIRING-OFF DATABASE

(VCM035) ( 04 OCT 91 )

PARAMETRIC DATA

BETA = .000 PHI = 180.000

RUN NO. 1392/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	P	PT	Q(PSF)	T(R)	TT(F)	RN/L	PC	PREF	SH10+3	PATM
1.450	-7.974	358.80570	1225.91000	528.13650	394.82540	101.20000	2.49183	368.27980	932.76980	1.30174	2041.83000
1.450	-6.945	358.85470	1225.99001	528.17240	394.83350	101.20000	2.49202	368.32980	932.77980	1.30852	2041.83000
1.450	-5.947	358.62870	1225.85001	528.10250	394.77540	101.20000	2.49156	368.09990	932.77980	1.31211	2041.83000
1.449	-4.945	359.07250	1225.78999	528.10030	394.92040	101.20000	2.49187	368.54980	932.78980	1.32256	2041.79500
1.450	-3.946	358.79540	1225.98000	528.16500	394.81590	101.20000	2.49194	368.26980	932.80980	1.32932	2041.79500
1.450	-2.942	359.08150	1225.97000	528.17550	394.97710	101.30000	2.49160	368.55980	932.83980	1.33633	2041.79500
1.450	-1.938	358.95070	1226.47000	528.37670	394.89010	101.30000	2.49236	368.42990	932.82980	1.33229	2041.79500
1.450	-.920	358.80540	1225.99001	528.16990	394.88840	101.30000	2.49138	368.27980	932.84990	1.33631	2041.83000
1.450	-.095	358.71660	1226.00999	528.17360	394.78830	101.20000	2.49192	368.18990	933.06980	1.36462	2041.89999
1.450	-.993	358.99270	1225.96001	528.16700	394.80930	101.10000	2.49269	368.47000	933.07980	1.36826	2041.93500
1.449	2.018	359.34550	1226.38000	528.35940	394.88130	101.10000	2.49376	368.82980	933.08980	1.36779	2041.89999
GRADIENT		.02067	.04484	.01971	-.01025	-.01789	.00020	.02121	.04970	.00718	.02132

RUN NO. 1437/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	P	PT	Q(PSF)	T(R)	TT(F)	RN/L	PC	PREF	SH10+3	PATM
1.471	-7.972	347.92210	1225.03325	527.04326	390.81150	101.20000	2.49158	357.25980	897.85990	1.25529	2043.05499
1.471	-6.943	347.87210	1225.41472	527.19437	390.77640	101.20000	2.49189	357.21000	897.84990	1.24816	2043.05499
1.471	-5.951	347.86350	1225.16141	527.09099	390.79710	101.20000	2.49143	357.20000	897.85990	1.24843	2043.02000
1.471	-4.948	347.87330	1225.20526	527.10966	390.80220	101.20000	2.49141	357.21000	897.83980	1.24515	2043.02000
1.471	-3.946	348.08910	1225.37518	527.19672	390.85860	101.20000	2.49188	357.42990	897.84990	1.24501	2043.05499
1.471	-2.942	348.11770	1225.61218	527.29603	390.84590	101.20000	2.49232	357.46000	897.82980	1.24477	2043.05499
1.471	-1.944	347.95260	1224.92561	527.00247	390.83760	101.20000	2.49130	357.28980	897.83980	1.25516	2043.05499
1.471	-.923	347.97340	1224.67258	526.90076	390.86230	101.20000	2.49098	357.30980	897.82980	1.25868	2043.05499
1.471	-.078	347.91530	1224.58430	526.86132	390.86280	101.20000	2.49056	357.25000	897.79980	1.25227	2043.05499
1.471	1.009	347.94260	1224.99588	527.02989	390.83350	101.20000	2.49131	357.27980	897.77980	1.25184	2043.05499
1.471	2.019	348.01030	1225.27768	527.15107	390.82980	101.20000	2.49187	357.34990	897.76000	1.25156	2043.02000
GRADIENT		-.00412	-.05608	-.02312	.00170	-.00000	-.00006	-.00437	-.01211	.00127	-.00002

RUN NO. 1404/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	P	PT	Q(PSF)	T(R)	TT(F)	RN/L	PC	PREF	SH10+3	PATM
1.496	-7.973	337.46120	1231.31944	528.50665	386.88570	101.30000	2.49090	346.64990	944.47000	1.16521	2042.11000
1.496	-6.944	337.42110	1231.49640	528.57200	386.85550	101.30000	2.49118	346.60990	944.45000	1.16503	2042.14500
1.496	-5.947	337.44970	1231.70358	528.65714	386.85080	101.30000	2.49148	346.63990	944.46000	1.16180	2042.11000
1.496	-4.949	337.45870	1231.84981	528.71610	386.83590	101.30000	2.49183	346.64990	944.43990	1.16470	2042.11000
1.496	-3.947	337.42940	1231.83543	528.70730	386.82710	101.30000	2.49178	346.61990	944.45000	1.16470	2042.14500
1.495	-2.944	337.65700	1231.37921	528.55382	386.93820	101.30000	2.49135	346.84990	944.43990	1.17129	2042.14500
1.496	-1.941	337.49020	1231.05954	528.40672	386.88820	101.30000	2.49107	346.67990	944.42990	1.18696	2042.14500
1.496	-.935	337.44020	1231.32298	528.50555	386.85110	101.30000	2.49141	346.62990	944.40990	1.18360	2042.14500
1.496	-.063	337.49070	1231.20786	528.46558	386.89720	101.30000	2.49090	346.67990	944.05980	1.17143	2042.21500
1.496	1.124	337.61650	1231.72060	528.68456	386.89720	101.30000	2.49183	346.80980	944.05980	1.16789	2042.21500
1.496	2.030	337.52690	1232.01520	528.79011	386.84400	101.30000	2.49218	346.72000	944.04980	1.16454	2042.21500
GRADIENT		.01053	.00479	.00320	.00294	.00000	.00002	.01073	-.06931	.00015	-.01537

IA310 (AEDC 16TF-783) FAIRING-OFF DATABASE

(VCM035) ( 04 OCT 91 )

PARAMETRIC DATA

BETA = .000 PHI = 180.000

RUN NO. 1427/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	P	PT	Q(PSSF)	T(R)	TT(F)	RN/L	PC	PREF	SH10+3	PATM
1.517	-7.973	327.07010	1231.38066	527.12749	382.81640	101.30000	2.49025	336.08980	912.11990	1.52582	2043.05499
1.517	-6.944	327.04000	1231.48546	527.16379	382.79150	101.30000	2.49049	336.05980	912.09990	1.52957	2043.02000
1.517	-5.948	327.24460	1231.75533	527.29995	382.83280	101.30000	2.49127	336.26980	912.11990	1.53316	2043.02000
1.518	-4.950	327.04960	1231.81119	527.29111	382.78590	101.30000	2.49067	336.06980	912.09990	1.51366	2043.02000
1.517	-3.948	327.33500	1231.59142	527.24892	382.90940	101.30000	2.49050	336.35990	912.10990	1.51012	2043.02000
1.518	-2.945	326.99220	1231.62262	527.20875	382.79830	101.30000	2.49000	336.00980	912.11990	1.50235	2043.05499
1.517	-1.942	327.58740	1232.48987	527.63541	382.93580	101.30000	2.49192	336.61990	912.11990	1.49373	2043.05499
1.517	-.928	327.60890	1231.96669	527.43531	382.99050	101.30000	2.49105	336.63990	912.10990	1.49438	2043.05499
1.517	-.115	327.11080	1231.56177	527.20322	382.85990	101.30000	2.48973	336.12990	912.10990	1.49099	2043.05499
1.517	.978	327.36230	1232.36458	527.55298	382.86940	101.30000	2.49147	336.38990	912.09990	1.49385	2043.05499
1.517	2.017	327.24630	1231.96808	527.38049	382.87010	101.30000	2.49057	336.26980	912.09990	1.49051	2043.05499
GRADIENT		.02391	.05273	.02397	.00783	-.00000	.00003	.02441	-.00109	-.00334	.00508

RUN NO. 1416/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	P	PT	Q(PSSF)	T(R)	TT(F)	RN/L	PC	PREF	SH10+3	PATM
1.543	-7.971	317.59010	1240.46677	528.98377	379.11670	101.60000	2.48921	326.43990	899.65990	1.34473	2042.91499
1.543	-6.949	317.55050	1240.65067	529.04569	379.02370	101.50000	2.48998	326.39990	899.70000	1.34106	2042.91499
1.543	-5.946	317.47240	1240.51520	528.97947	379.06620	101.60000	2.48924	326.31980	899.72000	1.34813	2042.88000
1.543	-4.944	317.57910	1240.84894	529.12578	379.08370	101.60000	2.48975	326.42990	899.73000	1.34085	2042.88000
1.543	-3.948	317.51120	1240.48657	528.97554	379.07790	101.60000	2.48933	326.35990	899.76000	1.35164	2042.88000
1.543	-2.945	317.61870	1240.54483	529.01749	379.17330	101.70000	2.48905	326.47000	899.76000	1.35507	2042.91499
1.543	-1.942	317.41280	1240.76463	529.06229	379.16280	101.80000	2.48832	326.25980	899.76980	1.34438	2042.91499
1.543	-.927	317.46310	1240.20833	528.86114	379.14360	101.70000	2.48839	326.30980	899.78980	1.35892	2042.91499
1.543	-.116	317.69700	1241.10374	529.24535	379.20260	101.70000	2.48911	326.54980	899.80980	1.31661	2042.88000
1.543	1.001	317.32590	1240.92372	529.10688	379.09250	101.70000	2.48828	326.16990	899.81980	1.31336	2042.88000
1.543	2.012	317.65890	1240.50348	529.01046	379.14720	101.60000	2.48917	326.50980	899.81980	1.33779	2042.84500
GRADIENT		-.00159	.00870	.00313	.00693	.00485	-.00011	-.00183	.01319	-.00369	-.00417

## IA310 (AEDC 16TF-783) FAIRING-OFF DATABASE

(VCMO36) ( 04 OCT 91 )

## PARAMETRIC DATA

BETA = .000 PHI = 180.000

RUN NO. 1335/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	P	PT	Q(PSSF)	T(R)	TT(F)	RN/L	PC	REF	SH10+3	PATM
.900	-7.958	752.88130	1273.08000	426.69750	481.50070	99.80000	2.50013	762.88990	977.46000	1.00824	2044.31500
.900	-6.937	752.73560	1272.70000	426.52320	481.42920	99.70000	2.49986	762.74000	977.47000	1.00315	2044.28000
.900	-5.938	752.79440	1272.81000	426.56370	481.51420	99.80000	2.49950	762.79980	977.50980	1.00307	2044.28000
.900	-4.934	752.97970	1273.25999	426.76270	481.49930	99.80000	2.50049	762.99000	977.52980	1.00271	2044.24500
.900	-3.935	752.73850	1273.24001	426.89260	481.54350	99.89999	2.50018	762.75000	977.54980	1.00273	2044.24500
.900	-2.935	752.66890	1273.14999	426.87210	481.45430	99.80000	2.50060	762.67990	977.56980	1.01089	2044.24500
.900	-1.929	753.02420	1272.97000	426.53710	481.53880	99.80000	2.49964	763.02980	977.58980	1.03567	2044.28000
.900	-.918	752.45950	1273.00000	426.89360	481.51830	99.89999	2.49989	762.47000	977.59990	1.03842	2044.24500
.900	.038	753.06130	1273.19000	426.66600	482.21040	100.60000	2.49558	763.06980	977.77980	1.01357	2044.24500
.900	.980	752.93070	1273.17999	426.73710	482.27340	100.70000	2.49515	762.93990	977.78980	.99741	2044.24500
.900	2.008	753.03470	1272.95000	426.51710	482.31740	100.70000	2.49439	763.03980	977.79980	.96856	2044.24500
GRADIENT		.02317	-.02823	-.03317	.13924	.15333	-.00099	.02256	.04476	-.00301	-.00040

## IA310 (AEDC 16TF-783) FAIRING-OFF DATABASE

(VCMO37) ( 04 OCT 91 )

## PARAMETRIC DATA

BETA = 1.000 PHI = 180.000

RUN NO. 1357/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	P	PT	Q(PSSF)	T(R)	TT(F)	RN/L	PC	REF	SH10+3	PATM
.599	-7.940	1252.87399	1597.08000	314.91240	521.89040	99.70000	2.49849	1262.62000	1300.58000	.67419	2043.12500
.600	-6.915	1252.27699	1596.95000	315.29270	521.83150	99.70000	2.49977	1262.03000	1300.58000	.67608	2043.12500
.599	-5.911	1252.68500	1596.86000	314.88230	521.88840	99.70000	2.49820	1262.42999	1300.60001	.67796	2043.09000
.600	-4.906	1251.60899	1596.83000	315.73970	521.76320	99.70000	2.50129	1261.37000	1300.60001	.68167	2043.12500
.600	-3.889	1251.91299	1596.86000	315.51560	521.79660	99.70000	2.50050	1261.67000	1300.60001	.70803	2043.09000
.600	-2.869	1252.00301	1596.92999	315.50050	521.80080	99.70000	2.50050	1261.75999	1300.61000	.70800	2043.09000
.601	-1.831	1251.25700	1596.64999	315.87720	521.73800	99.70000	2.50163	1261.02000	1300.61000	.71004	2043.12500
.601	-.777	1251.26700	1597.17999	316.31450	521.68970	99.70000	2.50367	1261.03999	1300.61000	.70789	2043.05499
.601	.297	1251.67799	1597.39999	316.16190	521.71830	99.70000	2.50330	1261.45000	1300.64000	.70588	2043.05499
.600	1.188	1251.53000	1596.72000	315.71190	521.76420	99.70000	2.50109	1261.28999	1300.63000	.71001	2043.05499
.600	2.118	1251.82899	1597.00999	315.71070	521.77270	99.70000	2.50133	1261.59000	1300.64000	.70796	2043.05499
GRADIENT		-.01680	.03076	.03962	-.00486	-.00000	.00017	-.01592	.00611	.00219	-.00993

IA310 (AEDC 16TF-783) FAIRING-OFF DATABASE

( VCM037 ) ( 04 OCT 91 )

PARAMETRIC DATA

BETA = 1.000 PHI = 180.000

RUN NO. 1346/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	P	PT	Q (PSF)	T (R)	TT (F)	RN/L	PC	PREF	SH10+3	PATM
.800	-7.940	880.89260	1342.16000	394.18070	496.84740	100.70000	2.49624	890.79980	1047.10001	.83802	2043.92999
.800	-6.922	880.29960	1341.98000	394.45090	496.77080	100.70000	2.49676	890.21000	1047.10001	.83587	2043.92999
.800	-5.920	880.22800	1342.03999	394.54420	496.75290	100.70000	2.49707	890.13990	1047.11000	.83810	2043.92999
.800	-4.914	880.22440	1341.64000	394.25070	496.88330	100.80000	2.49529	890.12990	1047.11000	.84062	2043.92999
.800	-3.906	880.16630	1342.10001	394.63040	496.73660	100.70000	2.49736	890.07980	1047.10001	.83806	2043.92999
.800	-2.889	880.24630	1342.17000	394.62790	496.83080	100.80000	2.49685	890.15990	1047.10001	.83575	2043.92999
.801	-1.867	879.89400	1342.10001	394.81540	496.78150	100.80000	2.49727	889.80980	1047.11000	.83127	2043.92999
.800	.218	880.25270	1341.75000	394.31270	496.87620	100.80000	2.49557	890.15990	1047.11000	.85431	2043.96500
.800	.834	880.26930	1341.98000	394.47140	496.85470	100.80000	2.49624	890.17990	1047.12000	.85186	2043.92999
.800	1.129	880.54320	1341.91000	394.23360	496.90620	100.80000	2.49554	890.45000	1047.12000	.84501	2043.92999
.800	2.084	880.63230	1342.00999	394.24710	496.90990	100.80000	2.49568	890.53980	1047.12000	.82908	2043.92999
GRADIENT		.06045	.00838	-.03491	.01414	.00596	-.00012	.06002	.00271	.00035	.00042

RUN NO. 1336/ O RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	P	PT	Q (PSF)	T (R)	TT (F)	RN/L	PC	PREF	SH10+3	PATM
.900	-7.943	752.73020	1273.09000	426.79440	482.24660	100.70000	2.49517	762.74000	977.79980	.97106	2044.24500
.900	-6.915	752.77420	1272.83000	426.58960	482.28270	100.70000	2.49440	762.77980	977.80980	.97387	2044.24500
.900	-5.910	752.72270	1272.91000	426.67530	482.26460	100.70000	2.49469	762.73000	977.83980	.97643	2044.24500
.900	-4.905	752.70070	1273.03000	426.77080	482.33370	100.80000	2.49447	762.71000	977.82980	.97634	2044.24500
.900	-3.894	752.67820	1273.22000	426.91480	482.30910	100.80000	2.49502	762.68990	977.82980	.97619	2044.24500
.901	-2.879	752.35620	1273.19000	427.08570	482.25340	100.80000	2.49535	762.36990	977.83980	.97884	2044.24500
.900	-1.852	752.41090	1272.82000	426.84030	482.29690	100.80000	2.49444	762.41990	977.84990	.98171	2044.24500
.900	-.819	752.81150	1273.02000	426.69780	482.35520	100.80000	2.49434	762.41990	977.84990	.98161	2044.24500
.900	.231	752.70390	1272.83000	426.63160	482.44210	100.90000	2.49334	762.71000	977.85990	.98439	2044.24500
.900	1.141	752.69560	1272.70000	426.54710	482.45460	100.90000	2.49300	762.70000	977.88990	.98185	2044.24500
.900	2.095	753.04440	1272.97000	426.52490	482.48930	100.90000	2.49328	763.04980	977.88990	.98165	2044.24500
GRADIENT		.04611	-.04718	-.05986	.02882	.01773	-.00029	.04507	.00920	.00098	.00000

RUN NO. 1325/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	P	PT	Q (PSF)	T (R)	TT (F)	RN/L	PC	PREF	SH10+3	PATM
1.100	-7.949	565.26980	1206.19000	478.35380	450.69870	100.00000	2.49939	575.46000	863.76980	.76817	2045.05000
1.100	-6.926	564.63010	1206.08000	478.49610	450.41210	99.80000	2.50042	574.81980	863.79980	.77254	2045.05000
1.100	-5.948	564.99270	1205.88000	478.28320	450.66870	100.00000	2.49881	575.17990	863.80980	.77475	2045.05000
1.100	-4.924	564.52930	1206.05000	478.56490	450.46440	99.89999	2.50000	574.72000	863.82980	.77251	2045.05000
1.100	-3.925	564.85330	1205.78000	478.28000	450.56690	99.89999	2.49923	575.03980	863.83980	.77481	2045.05000
1.100	-2.919	564.69950	1206.11000	478.53300	450.57710	100.00000	2.49948	574.88990	863.86990	.77247	2045.05000
1.100	-1.912	564.73100	1205.97000	478.43900	450.43820	99.80000	2.50031	574.91990	863.87990	.77683	2045.01500
1.100	-.917	564.67070	1205.99001	478.47440	450.58350	100.00000	2.49922	574.85990	863.89990	.77468	2045.01500
1.100	.089	564.98070	1206.06000	478.39260	450.48560	99.80000	2.50040	575.16990	863.92990	.77677	2045.01500
1.100	1.052	564.76220	1205.86000	478.36250	450.61820	100.00000	2.49887	574.95000	863.93990	.77690	2044.98000
1.100	2.026	565.03170	1205.97000	478.32010	450.74850	100.10000	2.49842	575.22000	863.96000	.77469	2044.98000
GRADIENT		.04598	-.00337	-.02013	.02514	.01775	-.00013	.04582	.01929	.00044	-.01132

IA310 (AEDC 16TF-783) FAIRING-OFF DATABASE

(VCM037) ( 04 OCT 91 )

PARAMETRIC DATA

BETA = 1.000 PHI = 180.000

RUN NO. 1371/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	P	PT	Q(PSF)	T(R)	TT(F)	RN/L	PC	PREF	SH10+3	PATM
1.250	-7.949	462.55400	1197.83000	505.75760	426.98070	100.70000	2.49562	472.67990	904.63990	1.19551	2041.79500
1.250	-6.928	462.66060	1198.27000	505.95730	427.04030	100.80000	2.49595	472.78980	904.66990	1.19507	2041.79500
1.250	-5.920	462.75930	1198.46001	506.03200	427.04690	100.80000	2.49634	472.88990	904.66990	1.19171	2041.79500
1.250	-4.923	462.50390	1197.89000	505.79910	427.03760	100.80000	2.49515	472.62990	904.68990	1.19228	2041.75999
1.250	-3.909	462.52540	1197.66000	505.67770	427.06670	100.80000	2.49469	472.64990	904.74000	1.19886	2041.79500
1.250	-2.895	462.64500	1197.67000	505.65650	427.17360	100.90000	2.49414	472.76980	904.76000	1.20203	2041.79500
1.250	-1.882	462.46310	1197.99001	505.85860	427.09300	100.90000	2.49476	472.58980	904.77980	1.20811	2041.79500
1.250	-.860	462.68090	1198.23000	505.93260	427.12600	100.90000	2.49528	472.80980	904.82980	1.21107	2041.79500
1.250	.186	462.44510	1197.73000	505.73070	427.11450	100.90000	2.49423	472.56980	904.85990	1.20837	2041.79500
1.250	1.122	462.67190	1198.11000	505.87380	427.13570	100.90000	2.49503	472.79980	904.89990	1.20798	2041.83000
1.250	2.079	462.66060	1198.30000	505.97240	427.18970	101.00000	2.49483	472.78980	904.92990	1.21100	2041.83000
	GRADIENT	.01691	.06507	.02927	.01493	.02244	.00000	.01739	.03349	.00236	.00785

RUN NO. 1382/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	P	PT	Q(PSF)	T(R)	TT(F)	RN/L	PC	PREF	SH10+3	PATM
1.399	-7.955	382.10080	1215.02000	523.83570	403.08370	101.30000	2.49129	391.80980	920.48000	1.20384	2041.55000
1.400	-6.930	381.73710	1214.64999	523.68140	403.00900	101.30000	2.49035	391.43990	920.49000	1.21060	2041.58501
1.400	-5.923	381.64530	1215.13000	523.89310	402.93580	101.30000	2.49115	391.34990	920.51000	1.20373	2041.58501
1.400	-4.921	382.01050	1215.23000	523.92940	403.03660	101.30000	2.49161	391.72000	920.51980	1.19727	2041.62000
1.400	-3.914	381.79220	1215.31000	523.96870	402.96310	101.30000	2.49159	391.50000	920.51980	1.18770	2041.58501
1.400	-2.905	381.85640	1214.52000	523.62210	403.05740	101.30000	2.49020	391.55980	920.51980	1.19480	2041.62000
1.400	-.172	381.91380	1214.85001	523.76510	403.04350	101.30000	2.49084	391.61990	920.49000	1.19131	2041.58501
1.400	-.870	381.67330	1215.35001	523.98850	402.92360	101.30000	2.49158	391.37990	920.54980	1.19398	2041.62000
1.400	.172	381.88600	1214.53999	523.63010	403.06450	101.30000	2.49026	391.58980	920.52980	1.19161	2041.62000
1.400	1.117	381.98220	1215.00999	523.83400	403.04880	101.30000	2.49118	391.68990	920.53980	1.16922	2041.58501
1.400	2.073	381.99980	1215.34000	523.97780	403.02290	101.30000	2.49180	391.71000	920.52980	1.16891	2041.62000
	GRADIENT	.00833	-.00299	-.00145	.00279	-.00000	.00000	.00839	.00309	-.00350	.00041

RUN NO. 1394/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	P	PT	Q(PSF)	T(R)	TT(F)	RN/L	PC	PREF	SH10+3	PATM
1.450	-7.943	358.93160	1226.33000	528.31760	394.68580	101.00000	2.49387	368.40990	933.06980	1.36785	2041.86501
1.450	-6.906	358.77420	1226.32001	528.30540	394.56670	100.90000	2.49430	368.25000	933.06980	1.36428	2041.86501
1.450	-5.901	358.77470	1226.20000	528.25560	394.64840	101.00000	2.49350	368.25000	933.08980	1.36441	2041.86501
1.450	-4.896	359.05220	1225.89000	528.14090	394.69360	100.90000	2.49381	368.52980	933.08980	1.36476	2041.86501
1.450	-3.882	359.02220	1226.00000	528.18510	394.67410	100.90000	2.49397	368.50000	933.10990	1.36106	2041.89999
1.450	-2.864	358.94340	1226.00000	528.18120	394.64940	100.90000	2.49390	368.41990	933.09990	1.36821	2041.89999
1.450	-1.834	358.91460	1225.84000	528.11300	394.65500	100.90000	2.49359	368.38990	933.09990	1.38643	2041.89999
1.450	-.781	358.88450	1225.92999	528.14890	394.63720	100.90000	2.49372	368.35990	933.08980	1.38270	2041.86501
1.450	.281	358.87500	1225.86000	528.14940	394.64060	100.90000	2.49359	368.34990	933.10990	1.36837	2041.86501
1.450	1.175	358.76710	1225.78000	528.08060	394.54370	100.80000	2.49394	368.24000	933.09990	1.38287	2041.89999
1.450	2.113	358.97240	1226.06000	528.20750	394.58250	100.80000	2.49463	368.45000	933.09990	1.37894	2041.86501
	GRADIENT	-.02472	-.00326	-.00262	-.01727	-.01391	.00005	-.02508	.00049	-.00242	-.00168

IA310 (AEDC 16TF-783) FAIRING-OFF DATABASE

(VCMO37) ( 04 OCT 91 )

PARAMETRIC DATA

BETA = 1.000 PHI = 180.000

RUN NO. 1438/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	P	PT	Q(PSF)	T(R)	TT(F)	RN/L	PC	REF	SH10+3	PATM
1.471	-7.882	347.96220	1225.23270	527.12815	390.83520	101.20000	2.49142	357.29980	897.76000	1.24192	2043.02000
1.471	-6.913	347.92110	1225.49384	527.23090	390.79130	101.20000	2.49196	357.25980	897.76000	1.24486	2043.02000
1.471	-5.908	348.04910	1225.44255	527.22153	390.83330	101.20000	2.49208	357.38990	897.76000	1.24816	2043.02000
1.471	-4.903	347.72560	1225.01640	527.01981	390.75290	101.20000	2.49129	357.05980	897.76000	1.25503	2043.05499
1.471	-3.888	347.84570	1224.57527	526.85061	390.82860	101.20000	2.49071	357.17990	897.75000	1.25876	2043.05499
1.471	-2.871	348.09990	1224.92064	527.01221	390.87570	101.20000	2.49163	357.43990	897.73000	1.26170	2043.02000
1.471	-1.843	347.87160	1225.11989	527.07360	390.76900	101.20000	2.49203	357.21000	897.75000	1.26798	2043.05499
1.471	-.800	347.91240	1224.78177	526.94011	390.87790	101.30000	2.49098	357.25000	897.71000	1.27163	2043.05499
1.471	.260	348.01880	1225.11359	527.08412	390.87670	101.30000	2.49176	357.35990	897.71000	1.27458	2043.02000
1.471	1.159	347.83470	1225.13478	527.07802	390.87110	101.30000	2.49055	357.16990	897.67990	1.24200	2043.02000
1.471	2.104	347.90530	1224.69327	526.90404	390.92460	101.30000	2.49004	357.24000	897.68990	1.24892	2043.02000
GRADIENT		.01216	.00993	.00516	.01799	.01898	-.00012	.01231	-.01110	-.00092	-.00496

RUN NO. 1405/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	P	PT	Q(PSF)	T(R)	TT(F)	RN/L	PC	REF	SH10+3	PATM
1.496	-7.947	337.52780	1231.88025	528.73653	386.86550	101.30000	2.49178	346.72000	944.00000	1.15861	2042.25000
1.496	-6.916	337.47950	1231.78535	528.69395	386.86230	101.30000	2.49148	346.66990	944.00980	1.15567	2042.21500
1.496	-5.906	337.40110	1231.64746	528.62927	386.84370	101.30000	2.49126	346.58980	944.00980	1.15881	2042.21500
1.496	-4.902	337.46090	1231.44504	528.55617	386.88310	101.30000	2.49095	346.64990	944.00000	1.15902	2042.25000
1.496	-3.892	337.51950	1231.41548	528.55116	386.89230	101.30000	2.49121	346.71000	944.00980	1.16818	2042.21500
1.496	-2.878	337.72270	1232.07501	528.83731	386.89620	101.30000	2.49263	346.91990	944.00000	1.17062	2042.21500
1.496	-1.852	337.50900	1231.51959	528.59206	386.87450	101.30000	2.49147	346.70000	943.98000	1.17113	2042.21500
1.496	-.814	337.45070	1231.37514	528.52768	386.86790	101.30000	2.49116	346.63990	943.97000	1.17126	2042.21500
1.496	.247	337.37330	1231.27638	528.47882	386.86840	101.30000	2.49058	346.55980	943.96000	1.15917	2042.21500
1.496	1.157	337.67460	1232.01013	528.80568	386.89940	101.30000	2.49222	346.86990	943.93990	1.16153	2042.17999
1.496	2.104	337.44970	1231.70358	528.65714	386.85080	101.30000	2.49148	346.63990	943.91990	1.16180	2042.17999
GRADIENT		-.00514	.02534	.00943	-.00332	-.00000	.00002	-.00517	-.01225	-.00057	-.00781

RUN NO. 1428/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	P	PT	Q(PSF)	T(R)	TT(F)	RN/L	PC	REF	SH10+3	PATM
1.517	-7.947	327.43190	1232.17601	527.48958	382.91550	101.30000	2.49112	336.46000	912.05980	1.49028	2043.05499
1.518	-6.916	327.12770	1232.28157	527.48390	382.80590	101.30000	2.49089	336.14990	912.06980	1.48631	2043.02000
1.517	-5.913	327.41310	1232.12631	527.46693	382.92850	101.30000	2.49073	336.43990	912.07980	1.47897	2043.02000
1.518	-4.902	326.98220	1232.11484	527.39735	382.79050	101.30000	2.49007	336.00000	912.06980	1.47138	2043.02000
1.518	-3.893	327.18630	1232.62364	527.62541	382.82030	101.30000	2.49106	336.21000	912.06980	1.46704	2043.02000
1.517	-2.908	327.44020	1232.88895	527.76634	382.88400	101.30000	2.49178	336.47000	912.05980	1.46676	2043.02000
1.518	-1.853	327.13890	1232.28329	527.48615	382.83940	101.30000	2.49033	336.15990	912.04980	1.46370	2043.05499
1.518	-.808	326.98220	1232.28557	527.46269	382.79490	101.30000	2.48999	336.00000	912.04980	1.45620	2043.02000
1.518	.246	327.26390	1233.12628	527.83076	382.83130	101.30000	2.49144	336.28980	912.03980	1.44411	2043.05499
1.518	1.157	327.16750	1232.85233	527.71051	382.90060	101.40000	2.49009	336.18990	912.04980	1.43704	2043.05499
1.518	2.102	327.16850	1232.62868	527.62379	382.92110	101.40000	2.48971	336.18990	912.02980	1.43731	2043.05499
GRADIENT		.00600	.06480	.02586	.01289	.01396	-.00010	.00604	-.00520	-.00547	.00578

## IA310 (AEDC 16TF-783) FAIRING-OFF DATABASE

(VCM037) ( 04 OCT 91 )

## PARAMETRIC DATA

BETA = 1.000 PHI = 180.000

RUN NO. 1417/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	P	PT	Q(PSF)	T(R)	TT(F)	RN/L	PC	PREF	SH10+3	PATM
1.543	-7.946	317.60910	1240.87431	529.14125	378.97070	101.40000	2.49076	326.46000	899.79980	1.33050	2042.81000
1.543	-6.915	317.63820	1240.89368	529.15489	378.97640	101.40000	2.49091	326.49000	899.79980	1.33392	2042.81000
1.543	-5.911	317.57960	1240.90944	529.14880	378.88990	101.30000	2.49138	326.42990	899.80980	1.33046	2042.81000
1.542	-4.907	317.61060	1240.45621	528.98427	378.94090	101.30000	2.49065	326.46000	899.79980	1.33096	2042.81000
1.554	-3.893	317.60860	1260.92081	536.79248	378.89790	101.30000	2.49145	326.46000	899.79980	.00000	2042.81000
1.554	-2.878	317.66770	1260.87785	536.78822	378.92160	101.30000	2.49147	326.51980	899.78980	.00000	2042.77499
1.554	-1.847	317.51170	1260.70126	536.69133	378.81640	101.20000	2.49155	326.35990	899.79980	.00000	2042.77499
1.543	-.811	317.58010	1240.91040	529.15044	378.83620	101.20000	2.49171	326.42990	899.78980	1.32020	2042.77499
1.543	-.246	317.70800	1240.84227	529.14893	378.82420	101.10000	2.49226	326.55980	899.76980	1.31689	2042.81000
1.554	1.160	317.49170	1260.86455	536.74906	378.72830	101.10000	2.49239	326.33980	899.77980	.00000	2042.81000
1.554	2.101	317.67800	1260.71513	536.72822	378.80370	101.10000	2.49241	326.52980	899.76980	.00000	2042.77499
	GRADIENT	.00094	.67986	.25958	-.02461	-.03552	.00023	.00095	-.00450	-.04460	-.00165

## IA310 (AEDC 16TF-783) FAIRING-OFF DATABASE

(VCM038) ( 04 OCT 91 )

## PARAMETRIC DATA

BETA = 2.000 PHI = 180.000

RUN NO. 1358/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	P	PT	Q(PSF)	T(R)	TT(F)	RN/L	PC	PREF	SH10+3	PATM
.599	-7.904	1253.16000	1596.96001	314.57640	521.84230	99.59999	2.49774	1262.89999	1300.63000	.70416	2043.05499
.599	-6.881	1252.43401	1596.74001	314.98750	521.77640	99.59999	2.49905	1262.17999	1300.62000	.70426	2043.05499
.600	-5.867	1252.16299	1597.03999	315.46170	521.71630	99.59999	2.50103	1261.92000	1300.63000	.70413	2043.02000
.600	-4.858	1252.26900	1596.84000	315.20650	521.74760	99.59999	2.49993	1262.02000	1300.64000	.70231	2043.05499
.600	-3.840	1252.25500	1597.00999	315.36080	521.73000	99.59999	2.50063	1262.00999	1300.62000	.70033	2043.02000
.600	-2.811	1251.84399	1597.25000	315.89990	521.65870	99.59999	2.50280	1261.61000	1300.61000	.69644	2043.05499
.601	-1.776	1251.70799	1597.41000	316.14530	521.62770	99.59999	2.50382	1261.48000	1300.62000	.68142	2043.05499
.601	-.745	1251.25000	1597.00999	316.18550	521.61010	99.59999	2.50363	1261.02000	1300.62000	.67974	2043.02000
.600	-.265	1251.83501	1597.22000	315.88260	521.66040	99.59999	2.50271	1261.60001	1300.61000	.67597	2043.05499
.600	1.223	1252.14799	1596.78000	315.25540	521.73880	99.59999	2.50005	1261.89999	1300.62000	.67799	2043.02000
.600	2.191	1252.14500	1596.92999	315.38400	521.72440	99.59999	2.50065	1261.89999	1300.59000	.68348	2043.02000
	GRADIENT	-.02381	-.01123	.01015	-.00180	-.00000	.00003	-.02368	-.00411	-.00364	-.00328

IA310 (AEDC 16TF-783) FAIRING-OFF DATABASE

(VCMO38) ( 04 OCT 91 )

PARAMETRIC DATA

BETA = 2.000 PHI = 180.000

RUN NO. 1347/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	P	PT	Q(PSSF)	T(R)	TT(F)	RN/L	PC	PREF	SH10+3	PATM
.800	-7.919	880.59180	1342.03000	394.28930	496.99000	100.90000	2.49524	890.50000	1047.11000	.84953	2043.92999
.800	-6.895	880.45360	1342.46001	394.70140	496.92210	100.90000	2.49679	890.36990	1047.12000	.84925	2043.92999
.800	-5.889	880.43920	1342.10001	394.44480	496.95800	100.90000	2.49573	890.34990	1047.09000	.81563	2043.92999
.800	-4.881	880.39010	1342.02000	394.41920	496.95850	100.90000	2.49557	890.29980	1047.11000	.81790	2043.92999
.801	-3.865	879.78440	1341.98000	394.80100	496.95360	101.00000	2.49595	889.70000	1047.12000	.81792	2043.92999
.800	-2.851	880.21950	1341.95000	394.48340	496.93850	100.90000	2.49566	890.12990	1047.11000	.82239	2043.92999
.800	-1.828	880.32060	1341.92999	394.39970	496.95680	100.90000	2.49542	890.23000	1047.10001	.82464	2043.92999
.800	-.810	880.18750	1342.05000	394.57890	496.83400	100.80000	2.49659	890.09990	1047.11000	.81788	2043.92999
.800	.191	880.36790	1342.16000	394.53780	496.67430	100.60000	2.49775	890.27980	1047.09000	.82004	2043.89500
.800	1.155	880.50290	1341.89000	394.24610	496.72460	100.60000	2.49669	890.40990	1047.07001	.82691	2043.92999
.799	2.140	880.85570	1341.95000	394.05050	496.68630	100.50000	2.49682	890.76000	1047.07001	.82911	2043.92999
GRADIENT		.08444	-.00208	-.05897	-.04699	-.06862	.00024	.08358	-.00685	.00129	-.00127

RUN NO. 1337/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	P	PT	Q(PSSF)	T(R)	TT(F)	RN/L	PC	PREF	SH10+3	PATM
.900	-7.896	752.92090	1273.16000	426.72900	482.27390	100.70000	2.49511	762.92990	977.87990	.97887	2044.24500
.900	-6.892	752.81540	1272.75999	426.51680	482.29790	100.70000	2.49415	762.81980	977.87990	1.00310	2044.24500
.900	-5.884	752.88450	1272.86000	426.54440	482.29980	100.70000	2.49434	762.88990	977.87990	.98173	2044.24500
.900	-4.866	752.66020	1273.06000	426.81540	482.15110	100.60000	2.49575	762.66990	977.87990	.97894	2044.24500
.900	-3.856	752.79760	1273.31000	426.90530	482.06300	100.50000	2.49683	762.80980	977.87990	.97613	2044.24500
.900	-2.837	752.64870	1273.14999	426.88400	482.05320	100.50000	2.49659	762.65990	977.87990	.97363	2044.24500
.900	-1.812	752.57130	1272.92999	426.77910	481.97660	100.40000	2.49666	762.53980	977.87990	.97118	2044.24500
.900	-.794	752.53300	1272.75999	426.68480	481.98800	100.40000	2.49625	762.53980	977.87990	.96871	2044.24500
.900	.206	752.54220	1272.83000	426.72750	481.89620	100.30000	2.49700	762.54980	977.88990	.97387	2044.24500
.900	1.169	752.53170	1272.85001	426.74760	481.89210	100.30000	2.49707	762.53980	977.88990	.97386	2044.24500
.900	2.144	752.56350	1272.78999	426.68770	481.73220	100.10000	2.49802	762.56980	977.87990	.97915	2044.24500
GRADIENT		-.02819	-.06334	-.02671	-.05026	-.06036	.00021	-.02886	.00084	-.00015	.00000

RUN NO. 1326/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	P	PT	Q(PSSF)	T(R)	TT(F)	RN/L	PC	PREF	SH10+3	PATM
1.099	-7.940	565.28980	1206.21001	478.35770	450.62060	99.89999	2.50001	575.48000	863.99000	.76816	2044.98000
1.100	-6.917	564.86080	1206.02000	478.41670	450.70410	100.10000	2.49861	575.04980	863.98000	.76617	2044.98000
1.101	-5.915	564.37040	1205.92999	478.55790	450.60210	100.10000	2.49864	574.55980	864.00000	.78978	2044.94501
1.100	-4.909	564.66940	1206.10001	478.53880	450.49100	99.89999	2.50005	574.85990	864.00000	.78967	2044.94501
1.100	-3.914	564.72140	1205.92000	478.41360	450.52200	99.89999	2.49962	574.90990	864.01980	.77259	2044.94501
1.100	-2.910	564.64210	1205.83000	478.39260	450.59400	100.00000	2.49886	574.82980	864.03980	.77265	2044.94501
1.100	-.921	564.64970	1206.05000	478.51730	450.65280	100.10000	2.49878	574.83980	864.04980	.76826	2044.94501
1.100	.066	564.57150	1205.88000	478.41940	450.68190	100.10000	2.49847	574.90990	864.04980	.76834	2044.94501
1.100	1.035	564.92040	1206.06000	478.44950	450.65310	100.10000	2.49843	574.76000	864.07980	.76205	2044.91000
1.100	2.039	565.01250	1205.91000	478.41630	450.55250	99.89999	2.49984	575.10990	864.07980	.76403	2044.91000
GRADIENT		.03894	-.00727	-.01962	.01269	.00377	-.00006	.03876	.01259	-.00322	-.00336



(VCM038) ( 04 OCT 91 )

IA310 (AEDC 16TF-783) FAIRING-OFF DATABASE

PARAMETRIC DATA

BETA = 2.000 PHI = 180.000

RUN NO. 1372/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	P	PT	Q(PSF)	T(R)	TT(F)	RN/L	PC	PREF	SH10+3	PATM
1.249	-7.933	463.03960	1198.31000	505.89450	427.21240	100.90000	2.49549	473.16990	905.02980	1.20778	2041.79500
1.250	-6.901	462.88920	1198.39999	505.97310	427.16360	100.90000	2.49565	473.01980	905.07980	1.21090	2041.79500
1.250	-5.895	462.56250	1198.06000	505.87230	427.18820	101.00000	2.49433	472.68990	905.09990	1.21124	2041.79500
1.251	-4.885	462.05520	1197.92000	505.91240	427.06860	101.00000	2.49398	472.17990	905.11990	1.20818	2041.83000
1.250	-3.881	462.46580	1197.64000	505.68070	427.20560	101.00000	2.49347	472.58980	905.13990	1.21167	2041.79500
1.251	-2.865	462.14380	1198.06000	505.96390	427.07760	101.00000	2.49428	472.26980	905.15990	1.20804	2041.83000
1.250	-1.850	462.59400	1197.85001	505.75900	427.21800	101.00000	2.49391	472.72000	905.18990	1.20825	2041.83000
1.250	-.841	462.69310	1197.95000	505.78810	427.23390	101.00000	2.49413	472.81980	905.22000	1.21136	2041.83000
1.250	-.160	462.76050	1198.28000	505.94070	427.21800	101.00000	2.49481	472.88990	905.23000	1.20781	2041.83000
1.249	1.132	462.96040	1198.24001	505.87650	427.35110	101.10000	2.49416	473.08980	905.28980	1.20146	2041.83000
1.250	2.124	462.78050	1198.27000	505.93120	427.30050	101.10000	2.49420	472.90990	905.26980	1.20143	2041.83000
	GRADIENT	.11290	.07369	.01267	.03307	.01417	.00008	.11374	.02420	-.00113	.00208

RUN NO. 1383/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	P	PT	Q(PSF)	T(R)	TT(F)	RN/L	PC	PREF	SH10+3	PATM
1.400	-7.936	381.99170	1215.07001	523.85990	403.04590	101.30000	2.49130	391.70000	920.55980	1.15988	2041.58501
1.400	-6.910	381.76340	1215.19000	523.91700	402.96580	101.30000	2.49135	391.47000	920.52980	1.15055	2041.58501
1.400	-5.900	381.84370	1214.99001	523.82790	403.00900	101.30000	2.49105	391.54980	920.55980	1.17547	2041.58501
1.400	-4.897	381.74780	1214.53000	523.62870	403.02370	101.30000	2.49014	391.45000	920.57980	1.18218	2041.58501
1.400	-3.883	381.82250	1215.22000	523.92900	402.98100	101.30000	2.49145	391.52980	920.56980	1.17837	2041.58501
1.400	-2.875	381.91040	1215.41000	524.01030	402.98930	101.30000	2.49186	391.61990	920.56980	1.18446	2041.58501
1.400	-1.860	381.98240	1214.98000	523.82080	403.05180	101.30000	2.49113	391.68990	920.57980	1.18488	2041.55000
1.400	-.854	381.79710	1214.53000	523.62770	403.03860	101.30000	2.49018	391.50000	920.57980	1.18218	2041.58501
1.400	-.146	381.71560	1214.91000	523.79540	402.97800	101.30000	2.49081	391.41990	920.57980	1.18181	2041.58501
1.399	1.119	382.13110	1214.91000	523.78690	403.10330	101.30000	2.49111	391.83980	920.58980	1.17555	2041.58501
1.400	2.113	381.86230	1215.22000	523.92820	402.99270	101.30000	2.49148	391.56980	920.57980	1.18150	2041.58501
	GRADIENT	.01864	.01565	.00645	.00412	-.00000	.00004	.01892	.00154	-.00035	.00040

RUN NO. 1395/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	P	PT	Q(PSF)	T(R)	TT(F)	RN/L	PC	PREF	SH10+3	PATM
1.449	-7.907	359.15990	1226.07001	528.22120	394.64040	100.80000	2.49482	368.63990	933.08980	1.38254	2041.86501
1.449	-6.875	359.32690	1226.17000	528.27120	394.68360	100.80000	2.49515	368.80980	933.09990	1.37882	2041.86501
1.450	-5.863	359.11960	1226.20000	528.27320	394.61600	100.80000	2.49501	368.59990	933.09990	1.37518	2041.83000
1.450	-4.848	358.65720	1226.03999	528.18290	394.41500	100.70000	2.49489	368.12990	933.10990	1.38258	2041.86501
1.450	-3.831	358.76490	1226.22000	528.26340	394.50270	100.80000	2.49471	368.24000	933.11990	1.38237	2041.86501
1.450	-2.807	358.66720	1226.03000	528.17940	394.48930	100.80000	2.49428	368.13990	933.11990	1.37177	2041.86501
1.450	-1.777	358.84620	1225.73000	528.06400	394.57320	100.80000	2.49393	368.31980	933.10990	1.37571	2041.86501
1.450	-.748	359.05050	1226.20000	528.26980	394.59420	100.80000	2.49494	368.52980	933.11990	1.37518	2041.89999
1.450	.258	358.96090	1226.37000	528.33570	394.48000	100.70000	2.49575	368.43990	933.09990	1.38583	2041.86501
1.450	1.219	358.87600	1225.67999	528.04470	394.58720	100.80000	2.49387	368.34990	933.10990	1.39388	2041.86501
1.449	2.188	359.10210	1225.80000	528.10600	394.64720	100.80000	2.49429	368.57980	933.09990	1.37923	2041.83000
	GRADIENT	.05626	-.03352	-.01104	.02405	-.00469	-.00003	.05690	-.00200	.00089	-.00241

(VCM038) ( 04 OCT 91 )

PARAMETRIC DATA

BETA = 2.000 PHI = 180.000

RUN NO. 1439/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	P	PT	Q(PSF)	T(R)	TT(F)	RN/L	PC	PREF	SH10+3	PATM
1.471	-7.914	347.93160	1225.11223	527.07676	390.87700	101.30000	2.49114	357.26980	897.66990	1.25821	2042.98500
1.471	-6.874	347.87330	1224.59180	526.85918	390.87080	101.30000	2.49083	357.21000	897.67990	1.27841	2042.98500
1.471	-5.871	347.89280	1225.08110	527.06045	390.87260	101.30000	2.49094	357.23000	897.65990	1.25499	2043.02000
1.471	-4.859	347.88380	1224.52998	526.83528	390.88600	101.30000	2.49062	357.22000	897.66990	1.27518	2042.98500
1.471	-3.843	347.92410	1224.22495	526.71480	390.91630	101.30000	2.49033	357.25980	897.65990	1.28211	2042.98500
1.471	-2.823	347.91210	1224.65096	526.88627	390.87260	101.30000	2.49108	357.25000	897.64990	1.28165	2042.98500
1.471	-1.794	347.99000	1224.70091	526.91254	390.88210	101.30000	2.49146	357.32980	897.65990	1.28824	2043.02000
1.471	-.767	348.04980	1224.49986	526.83559	390.98460	101.40000	2.49067	357.38990	897.63990	1.29179	2042.98500
1.471	.237	348.02880	1224.56755	526.86166	390.95340	101.40000	2.49111	357.36990	897.63990	1.30174	2042.95000
1.471	1.199	347.80570	1224.25616	526.71722	390.94340	101.40000	2.48970	357.13990	897.61990	1.28206	2042.98500
1.471	2.176	347.97090	1224.69855	526.91039	390.88770	101.30000	2.49121	357.30980	897.59990	1.28161	2042.98500
GRADIENT		.00528	.01052	.00462	.00593	.01077	.00000	.00554	-.00871	.00131	-.00168

RUN NO. 1406/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	P	PT	Q(PSF)	T(R)	TT(F)	RN/L	PC	PREF	SH10+3	PATM
1.496	-7.918	337.55620	1232.24158	528.88364	386.84620	101.30000	2.49235	346.75000	943.88990	1.15524	2042.21500
1.496	-6.885	337.37130	1231.85431	528.70778	386.82320	101.30000	2.49143	346.55980	943.88990	1.15257	2042.21500
1.496	-5.877	337.46040	1231.67603	528.64771	386.87040	101.30000	2.49119	346.64990	943.87990	1.15275	2042.25000
1.496	-4.860	337.45140	1231.50096	528.57723	386.88330	101.30000	2.49088	346.63990	943.87990	1.15292	2042.25000
1.496	-3.851	337.43190	1231.37283	528.52388	386.87960	101.30000	2.49080	346.61990	943.86990	1.15908	2042.25000
1.496	-2.829	337.59690	1231.79491	528.71115	386.89260	101.30000	2.49177	346.78980	943.86990	1.16173	2042.25000
1.496	-1.803	337.62550	1231.96353	528.78126	386.88230	101.30000	2.49218	346.81980	943.84990	1.16461	2042.25000
1.496	-.781	337.62720	1231.58739	528.63293	386.91770	101.30000	2.49152	346.81980	943.83980	1.16498	2042.25000
1.496	.222	337.44900	1231.85794	528.71849	386.83620	101.30000	2.49176	346.63990	943.80980	1.16165	2042.25000
1.496	1.186	337.61770	1231.65356	528.65823	386.92160	101.30000	2.49137	346.80980	943.80980	1.15582	2042.28500
1.496	2.167	337.48000	1231.50591	528.58250	386.87500	101.30000	2.49125	346.66990	943.78980	1.16503	2042.25000
GRADIENT		.00828	.01532	.00711	.00020	-.00000	.00006	.00855	-.01327	.00082	-.00206

RUN NO. 1429/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	P	PT	Q(PSF)	T(R)	TT(F)	RN/L	PC	PREF	SH10+3	PATM
1.518	-7.914	327.36400	1232.77988	527.71172	382.97510	101.40000	2.49018	336.38990	912.01000	1.43716	2043.09000
1.518	-6.885	327.04100	1232.62759	527.60350	382.81370	101.30000	2.49008	336.05980	912.00000	1.43361	2043.09000
1.518	-5.877	326.99220	1232.64598	527.60311	382.80000	101.30000	2.48996	336.00980	912.01000	1.42991	2043.09000
1.518	-4.862	327.43120	1233.83881	528.13115	382.96510	101.40000	2.49088	336.46000	911.99000	1.38881	2043.09000
1.518	-3.851	327.39310	1233.52260	528.00307	382.91210	101.30000	2.49089	336.41990	911.99000	1.38917	2043.12500
1.519	-2.830	326.95210	1233.49297	527.92321	382.77170	101.30000	2.49020	335.97000	912.00000	1.38201	2043.12500
1.518	-1.803	327.13960	1233.17909	527.83173	382.85550	101.30000	2.49004	336.15990	911.99000	1.38952	2043.12500
1.517	-.783	327.81370	1233.80959	528.17823	383.03150	101.30000	2.49182	336.84990	911.99000	1.38890	2043.12500
1.517	.224	327.53980	1232.98225	527.81735	383.02250	101.40000	2.49062	336.56980	911.96000	1.43327	2043.12500
1.518	1.185	327.18870	1232.44646	527.55621	382.87650	101.30000	2.49001	336.21000	911.96000	1.43753	2043.16000
1.518	2.165	327.23610	1232.77791	527.69174	382.85790	101.30000	2.49073	336.25980	911.95000	1.44083	2043.19501
GRADIENT		.00110	-.16166	-.06220	.00019	-.00470	-.00003	.00098	-.00649	.00895	-.01069

IA310 (AEDC 16TF-783) FAIRING-OFF DATABASE

(VCMO38) ( 04 OCT 91 )

PARAMETRIC DATA

BETA = 2.000 PHI = 180.000

RUN NO. 1418/ O RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	P	PT	Q(PSF)	T(R)	TT(F)	RN/L	PC	PREF	SH10+3	PATM
1.543	-7.916	317.51120	1240.93353	529.14565	378.66550	101.00000	2.49304	326.35990	899.74000	1.32700	2042.77499
1.542	-6.884	317.75610	1240.85431	529.16250	378.68650	100.90000	2.49388	326.60990	899.73000	1.33054	2042.81000
1.543	-5.876	317.58010	1240.82565	529.11821	378.63180	100.90000	2.49354	326.42990	899.73000	1.32712	2042.77499
1.543	-4.865	317.49190	1240.98039	529.16031	378.60110	100.90000	2.49343	326.33980	899.73000	1.31671	2042.81000
1.543	-3.851	317.58910	1241.82230	529.49822	378.61940	100.90000	2.49385	326.43990	899.73000	1.27234	2042.81000
1.543	-2.829	317.55080	1241.84245	529.49946	378.62180	100.90000	2.49350	326.39990	899.73000	1.25919	2042.81000
1.543	-1.804	317.70750	1241.97144	529.57817	378.68310	100.90000	2.49357	326.55980	899.71000	1.24609	2042.81000
1.543	-.780	317.61940	1241.30028	529.30633	378.65380	100.90000	2.49343	326.47000	899.72000	1.28946	2042.84500
1.543	.223	317.61960	1241.20068	529.26838	378.65820	100.90000	2.49335	326.47000	899.70000	1.29290	2042.81000
1.543	1.187	317.56050	1241.29814	529.29382	378.62430	100.90000	2.49353	326.40990	899.71000	1.29614	2042.81000
1.542	2.165	317.87350	1241.38814	529.38666	378.73100	100.90000	2.49396	326.73000	899.70000	1.29274	2042.81000
GRADIENT		.03118	-.02780	-.00473	.01198	-.00000	.00002	.03183	-.00462	.00110	.00005

IA310 (AEDC 16TF-783) FAIRING-OFF DATABASE

(VCMO39) ( 04 OCT 91 )

PARAMETRIC DATA

BETA = 3.000 PHI = 180.000

RUN NO. 1359/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	P	PT	Q(PSF)	T(R)	TT(F)	RN/L	PC	PREF	SH10+3	PATM
.600	-7.870	1252.35300	1597.17999	315.42360	521.72580	99.59999	2.50100	1262.11000	1300.61000	.72337	2043.02000
.600	-6.847	1251.95799	1596.63000	315.28490	521.73020	99.59999	2.50003	1261.71001	1300.58000	.72558	2043.02000
.600	-5.836	1251.82500	1596.66000	315.41920	521.71170	99.59999	2.50055	1261.58000	1300.57001	.72556	2043.02000
.601	-4.820	1251.38200	1596.99001	316.05980	521.62790	99.59999	2.50316	1261.14999	1300.55000	.72541	2043.02000
.601	-3.798	1251.28200	1597.39000	316.47800	521.57860	99.59999	2.50501	1261.06000	1300.53999	.71938	2043.02000
.601	-2.772	1251.31500	1596.78000	315.93850	521.63960	99.59999	2.50254	1261.08000	1300.53999	.71577	2043.02000
.600	-1.746	1251.46800	1596.78000	315.81320	521.65770	99.59999	2.50208	1261.23000	1300.53999	.70998	2043.02000
.601	-.728	1251.31300	1596.89999	316.04130	521.62820	99.59999	2.50301	1261.08000	1300.53000	.70801	2043.02000
.601	.283	1251.75700	1598.03000	316.62650	521.57570	99.59999	2.50609	1261.53999	1300.53000	.70943	2042.98500
.601	1.256	1251.29601	1597.24001	316.34130	521.59420	99.59999	2.50439	1261.07001	1300.53999	.70978	2043.02000
.601	2.230	1251.72000	1597.35001	316.08540	521.63450	99.59999	2.50355	1261.49001	1300.52000	.70781	2043.02000
GRADIENT		.04251	.06658	.02117	-.00115	.00000	.00013	.04314	-.00295	-.00228	-.00127

IA310 (AEDC 16TF-783) FAIRING-OFF DATABASE

PARAMETRIC DATA

BETA = 3.000 PHI = 180.000

RUN NO. 1348/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	P	PT	Q(PSF)	T(R)	TT(F)	RN/L	PC	REF	SH10+3	PATM
.800	-7.894	880.83280	1342.12000	394.19190	496.48730	100.30000	2.49852	890.74000	1047.03999	.83578	2043.89500
.800	-6.871	880.54100	1342.06000	394.34620	496.44680	100.30000	2.49886	890.45000	1047.02000	.83355	2043.89500
.800	-5.863	880.51780	1342.24001	394.49490	496.33520	100.20000	2.50002	890.42990	1047.03999	.83344	2043.89500
.800	-4.855	880.15550	1342.17000	394.68950	496.19580	100.10000	2.50103	890.06980	1047.02000	.83349	2043.92999
.800	-3.840	880.15550	1342.17999	394.69700	496.19460	100.10000	2.50106	890.06980	1047.03000	.83348	2043.89500
.800	-2.821	880.12990	1341.87000	394.48510	496.22310	100.10000	2.50016	890.03980	1047.02000	.82244	2043.89500
.800	-1.811	880.22120	1341.84000	394.40060	496.15260	100.00000	2.50049	890.12990	1047.03000	.82023	2043.89500
.800	-.799	880.29000	1341.94000	394.42770	496.06420	99.89999	2.50124	890.20000	1047.00000	.82240	2043.89500
.800	.208	880.39160	1341.92999	394.35160	496.25900	100.10000	2.49988	890.29980	1047.00999	.82241	2043.89500
.800	1.184	880.58180	1342.00999	394.28120	496.10400	99.89999	2.50093	890.49000	1047.00000	.81791	2043.89500
.800	2.163	880.58200	1342.02000	394.28880	496.19170	100.00000	2.50039	890.49000	1047.00999	.82012	2043.89500
GRADIENT		.07064	-.01948	-.06243	-.00551	-.02137	-.00006	.06971	-.00334	-.00201	-.00293

RUN NO. 1338/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	P	PT	Q(PSF)	T(R)	TT(F)	RN/L	PC	REF	SH10+3	PATM
.900	-7.891	752.90890	1273.28000	426.81860	481.74240	100.10000	2.49891	762.91990	977.84990	.98404	2044.24500
.900	-6.864	752.67600	1272.64999	426.52440	481.68190	100.00000	2.49807	762.67990	977.85990	.98718	2044.24500
.900	-5.856	752.77420	1272.83000	426.58960	481.68040	100.00000	2.49843	762.77980	977.84990	.98704	2044.21001
.900	-4.840	752.85110	1273.11000	426.73630	481.49190	99.80000	2.50025	762.85990	977.82980	.97890	2044.24500
.900	-3.827	752.77050	1273.09000	426.77050	481.39330	99.70000	2.50088	762.77980	977.83980	.98155	2044.24500
.900	-2.811	752.47970	1273.00000	426.88160	481.60820	100.00000	2.49928	762.49000	977.83980	.98162	2044.21001
.900	-1.792	752.80200	1272.99001	426.68290	481.58200	99.89999	2.49941	762.80980	977.82980	.97375	2044.21001
.900	-.782	752.49490	1272.63000	426.61840	481.56470	99.89999	2.49883	762.50000	977.83980	.97665	2044.24500
.900	.223	752.90380	1272.92999	426.58110	481.60720	99.89999	2.49911	762.90990	977.83980	.97380	2044.21001
.900	1.198	752.77200	1272.99001	426.70090	481.49050	99.80000	2.50003	762.77980	977.81980	.97900	2044.24500
.900	2.177	752.68430	1272.78000	426.60860	481.49730	99.80000	2.49957	762.68990	977.79980	.97916	2044.24500
GRADIENT		-.00236	-.04022	-.02625	-.00613	-.00255	-.00012	-.00290	-.00353	-.00038	-.00037

RUN NO. 1327/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	P	PT	Q(PSF)	T(R)	TT(F)	RN/L	PC	REF	SH10+3	PATM
1.099	-7.937	565.42870	1206.33000	478.37260	450.72000	100.00000	2.49964	575.61990	864.12990	.76809	2044.87500
1.100	-6.912	564.95730	1206.34000	478.56470	450.61160	100.00000	2.49988	575.14990	864.13990	.77020	2044.87500
1.100	-5.909	564.69870	1206.16000	478.56200	450.65230	100.00000	2.49901	574.88990	864.16990	.76397	2044.87500
1.100	-4.904	564.57100	1205.92000	478.47290	450.56840	100.00000	2.49910	574.76000	864.16990	.76835	2044.87500
1.100	-3.904	564.61130	1205.92000	478.45700	450.65800	100.10000	2.49850	574.79980	864.17990	.76835	2044.87500
1.100	-2.917	564.63960	1206.05000	478.52150	450.48950	99.89999	2.49995	574.82980	864.18990	.77892	2044.87500
1.100	-1.896	564.81030	1206.05000	478.45410	450.52830	99.89999	2.49987	575.00000	864.18990	.77677	2044.87500
1.100	-.924	564.74850	1206.17000	478.54810	450.66260	100.10000	2.49901	574.93990	864.21000	.77670	2044.87500
1.100	.079	564.96000	1206.10001	478.42410	450.55710	99.89999	2.49992	575.14990	864.21000	.76823	2044.87500
1.100	1.067	565.02030	1206.09000	478.39430	450.73320	100.00000	2.49870	575.21000	864.23000	.76824	2044.87500
1.100	2.057	565.12230	1205.95000	478.27270	450.61010	99.89999	2.49949	575.30980	864.25000	.79194	2044.87500
GRADIENT		.08147	-.01593	-.02290	.01200	-.00602	.00003	.08142	.01066	.00158	-.00001

IA310 (AEDC 16TF-783) FAIRING-OFF DATABASE

(VCMO39) ( 04 OCT 91 )

PARAMETRIC DATA

BETA = 3.000 PHI = 180.000

RUN NO. 1373/ O RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	P	PT	Q(PSF)	T(R)	TT(F)	RN/L	PC	PREF	SH10+3	PATM
1.249	-7.914	463.04050	1198.13000	505.80300	427.45970	101.20000	2.49336	473.16990	905.40990	1.19521	2041.86501
1.250	-6.882	462.79860	1198.53999	506.06370	427.35400	101.20000	2.49417	472.92990	905.42990	1.19798	2041.86501
1.250	-5.876	462.48290	1198.08000	505.89990	427.31760	101.20000	2.49319	472.60990	905.45000	1.19844	2041.86501
1.250	-4.869	462.43460	1197.82001	505.77880	427.33130	101.20000	2.49266	472.55980	905.48000	1.20188	2041.86501
1.250	-3.858	462.21610	1197.71001	505.77080	427.28470	101.20000	2.49240	472.33980	905.49000	1.19881	2041.89999
1.250	-2.845	462.26560	1197.72000	505.76510	427.29690	101.20000	2.49243	472.38990	905.52980	1.20198	2041.89999
1.250	-1.834	462.51250	1198.09000	505.89840	427.32420	101.20000	2.49322	472.63990	905.52980	1.20161	2041.89999
1.250	-.828	462.69070	1198.28999	505.96090	427.35110	101.20000	2.49365	472.81990	905.54980	1.20141	2041.89999
1.250	-.177	462.59330	1197.95000	505.80980	427.35990	101.20000	2.49294	472.72000	905.55980	1.20175	2041.89999
1.250	1.157	462.57150	1198.21001	505.94630	427.32760	101.20000	2.49347	472.70000	905.59990	1.20149	2041.93500
1.250	2.146	462.58280	1198.02000	505.84770	427.35010	101.20000	2.49308	472.71000	905.61990	1.20488	2041.93500
GRADIENT		.04729	.05698	.01852	.00668	-.00000	.00012	.04784	.01943	.00040	.00788

RUN NO. 1384/ O RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	P	PT	Q(PSF)	T(R)	TT(F)	RN/L	PC	PREF	SH10+3	PATM
1.400	-7.924	382.08840	1215.41000	524.00660	403.04300	101.30000	2.49199	391.79980	920.58980	1.16884	2041.58501
1.400	-6.889	381.90110	1215.33000	523.97530	402.99410	101.30000	2.49171	391.60990	920.59990	1.16272	2041.58501
1.400	-5.884	381.69650	1214.81000	523.75220	402.98170	101.30000	2.49061	391.39990	920.60990	1.15705	2041.58501
1.400	-4.877	381.83500	1214.80000	523.74490	403.02440	101.30000	2.49069	391.53980	920.61990	1.15399	2041.62000
1.400	-3.871	381.83200	1215.28000	523.95480	402.97800	101.30000	2.49157	391.53980	920.62990	1.15353	2041.58501
1.400	-2.858	381.57760	1214.85001	523.77200	402.94190	101.30000	2.49060	391.27980	920.62990	1.14782	2041.58501
1.400	-1.846	381.72410	1215.13000	523.89140	402.95970	101.30000	2.49121	391.42990	920.60990	1.15983	2041.62000
1.400	-.842	381.69430	1215.17999	523.91410	402.94600	101.30000	2.49128	391.39990	920.62990	1.15363	2041.62000
1.399	.162	381.84280	1215.16000	523.90230	402.99270	101.30000	2.49136	391.54980	920.60990	1.15058	2041.62000
1.400	1.144	381.97490	1214.60001	523.65450	403.15720	101.40000	2.48984	391.67990	920.60990	1.14806	2041.65500
1.400	2.136	381.79540	1214.81000	523.75020	403.01150	101.30000	2.49068	391.50000	920.60990	1.14481	2041.65500
GRADIENT		.01419	-.02764	-.01236	.01115	.00592	-.00007	.01417	-.00250	-.00106	.00828

RUN NO. 1397/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	P	PT	Q(PSF)	T(R)	TT(F)	RN/L	PC	PREF	SH10+3	PATM
1.449	-7.881	359.63820	1226.96001	528.61550	394.63840	100.70000	2.49743	369.12990	932.34990	1.39973	2041.93500
1.452	-6.841	358.04660	1225.92000	528.10080	394.16380	100.60000	2.49469	367.50980	932.38990	1.39726	2041.93500
1.450	-5.831	358.71560	1226.21001	528.25660	394.34740	100.60000	2.49583	368.18990	932.46000	1.38964	2041.93500
1.450	-4.816	358.73630	1225.96001	528.15380	394.37700	100.60000	2.49542	368.21000	932.50980	1.38629	2041.93500
1.450	-3.797	359.30860	1227.81000	528.95240	394.31620	100.50000	2.49981	368.79980	932.54980	1.38420	2041.97000
1.450	-2.771	359.42530	1228.08000	529.07080	394.39820	100.60000	2.49979	368.91990	932.57980	1.38028	2041.97000
1.450	-1.750	359.35330	1226.81000	528.53880	394.42190	100.50000	2.49809	368.83980	932.57980	1.38171	2042.00500
1.450	-.735	358.90330	1226.10001	528.22070	394.34590	100.50000	2.49641	368.37990	932.62990	1.37889	2042.00500
1.450	.274	358.67920	1225.58000	527.99290	394.32350	100.50000	2.49529	368.14990	932.61990	1.37587	2042.00500
1.450	1.248	359.05150	1226.05000	528.20730	394.39700	100.50000	2.49647	368.52980	932.63990	1.36458	2042.00500
1.449	2.224	359.21800	1226.21001	528.28220	394.43460	100.50000	2.49690	368.70000	932.66990	1.36083	2042.03999
GRADIENT		-.00731	-.18049	-.07546	.00592	-.01185	-.00025	-.00835	.02058	-.00344	.01200

(VCM039) ( 04 OCT 91 )

PARAMETRIC DATA

BETA = 3.000 PHI = 180.000

RUN NO. 1440/ O RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	P	PT	Q (PSF)	T (R)	TT (F)	RN/L	PC	REF	SH10+3	PATM
1.471	-7.885	347.97120	1224.32179	526.75690	390.89330	101.30000	2.49111	357.30980	897.60990	1.29865	2042.98500
1.471	-6.853	347.77440	1224.66463	526.88033	390.83110	101.30000	2.49089	357.10990	897.60990	1.27831	2042.98500
1.471	-5.839	347.88330	1224.75262	526.92577	390.87670	101.30000	2.49079	357.22000	897.58980	1.26837	2042.98500
1.471	-4.824	347.88260	1225.00377	527.02752	390.86470	101.30000	2.49102	357.22000	897.58980	1.26157	2042.98500
1.471	-3.813	347.89400	1224.68523	526.89964	390.96800	101.40000	2.48987	357.23000	897.59990	1.26191	2042.95000
1.471	-2.791	347.87260	1224.99809	527.02437	390.85620	101.30000	2.49111	357.21000	897.58980	1.26484	2042.98500
1.471	-1.767	347.90090	1225.23518	527.12400	390.84350	101.30000	2.49155	357.24000	897.56980	1.26459	2042.95000
1.471	-.755	347.95190	1224.47154	526.81661	390.96020	101.40000	2.49043	357.28980	897.56980	1.28848	2042.98500
1.470	.256	347.96360	1223.99117	526.62194	390.93330	101.30000	2.49029	357.29980	897.56980	1.29233	2042.98500
1.471	1.229	347.97140	1224.40097	526.78905	390.96750	101.40000	2.49043	357.30980	897.54980	1.29189	2043.02000
1.471	2.209	347.93120	1224.50653	526.82868	390.93820	101.40000	2.49070	357.26980	897.54980	1.29510	2042.98500
GRADIENT		.01246	-.10295	-.04100	.01014	.00939	-.00004	.01265	-.00699	.00581	.00452

RUN NO. 1407/ O RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	P	PT	Q (PSF)	T (R)	TT (F)	RN/L	PC	REF	SH10+3	PATM
1.496	-7.892	337.42160	1231.17653	528.44485	386.93630	101.40000	2.49037	346.60990	943.75000	1.17758	2042.28500
1.496	-6.856	337.28370	1231.25125	528.45791	386.81320	101.30000	2.49097	346.47000	943.75980	1.17749	2042.28500
1.496	-5.845	337.29390	1231.28250	528.47218	386.89180	101.40000	2.49027	346.48000	943.75980	1.17132	2042.28500
1.496	-4.833	337.42040	1231.67955	528.64499	386.90720	101.40000	2.49091	346.60990	943.74000	1.16486	2042.28500
1.496	-3.821	337.57590	1232.03273	528.80270	386.92800	101.40000	2.49166	346.76980	943.74000	1.16454	2042.28500
1.496	-2.798	337.49830	1231.76910	528.68908	386.92110	101.40000	2.49122	346.68990	943.74000	1.16783	2042.28500
1.495	-.768	337.64750	1231.51382	528.60616	387.00950	101.40000	2.49064	346.83980	943.72000	1.15898	2042.28500
1.496	.241	337.46900	1231.96671	528.65746	386.92600	101.40000	2.49063	346.61990	943.72000	1.15271	2042.32001
1.496	1.216	337.49880	1231.93301	528.76426	386.91530	101.40000	2.49112	346.65990	943.72000	1.15247	2042.32001
1.496	2.194	337.51880	1231.78218	528.75462	386.92850	101.40000	2.49108	346.68990	943.67990	1.15251	2042.28500
GRADIENT		-.00002	.01184	.00468	.00199	-.00000	-.00004	-.00011	-.00922	-.00210	.00456

RUN NO. 1430/ O RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	P	PT	Q (PSF)	T (R)	TT (F)	RN/L	PC	REF	SH10+3	PATM
1.517	-7.894	327.65650	1233.59018	528.06966	382.96850	101.30000	2.49182	336.68990	911.92990	1.41070	2043.16000
1.518	-6.856	327.29350	1233.39922	527.94057	382.90940	101.40000	2.49088	336.31980	911.92990	1.42541	2043.16000
1.518	-5.846	327.25630	1232.86917	527.72977	382.94430	101.40000	2.48994	336.27980	911.95000	1.42603	2043.16000
1.518	-4.834	327.35550	1233.00056	527.79526	383.00020	101.40000	2.48963	336.37990	911.92990	1.40051	2043.16000
1.518	-3.816	327.21580	1233.43178	527.94061	382.83540	101.30000	2.49100	336.24000	911.95000	1.40720	2043.16000
1.518	-2.798	327.41140	1233.63155	528.04861	382.95310	101.40000	2.49095	336.43990	911.91990	1.40699	2043.16000
1.518	-.767	327.95260	1232.95187	527.71501	382.77810	101.30000	2.49008	335.97000	911.91990	1.41496	2043.16000
1.517	.238	327.26730	1232.37839	527.54183	382.97800	101.40000	2.48939	336.28980	911.91990	1.43762	2043.19501
1.518	1.216	327.04980	1232.83746	527.68681	382.79300	101.30000	2.49054	336.06880	911.90990	1.43704	2043.19501
1.517	2.194	327.58810	1233.03619	527.84517	383.02440	101.40000	2.49054	336.61990	911.88990	1.44057	2043.19501
1.517	GRADIENT	.04462	-.07227	-.02106	.01602	.00348	-.00006	.04559	-.00722	.00636	.00663

## IA310 (AEDC 16TF-783) FAIRING-OFF DATABASE

( VCM039 ) ( 04 OCT 91 )

## PARAMETRIC DATA

BETA = 3.000 PHI = 180.000

RUN NO. 1420/ O RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	P	PT	Q(PSF)	T(R)	TT(F)	RN/L	PC	REF	SH10+3	PATM
1.543	-7.891	317.71730	1241.24956	529.30509	378.54860	100.70000	2.49483	326.56980	899.56980	1.29621	2042.88000
1.543	-6.859	317.65820	1241.39061	529.34711	378.52000	100.70000	2.49491	326.50980	899.55980	1.29271	2042.84500
1.543	-5.844	317.57060	1241.28456	529.29086	378.50290	100.70000	2.49454	326.41990	899.55980	1.28947	2042.84500
1.543	-4.834	317.58010	1241.35400	529.31838	378.50020	100.70000	2.49467	326.42990	899.55980	1.28940	2042.84500
1.543	-3.820	317.59940	1241.55516	529.39909	378.49830	100.70000	2.49486	326.45000	899.54980	1.28254	2042.84500
1.543	-2.798	317.59060	1241.36118	529.32426	378.51660	100.70000	2.49444	326.43990	899.53980	1.27942	2042.84500
1.543	-1.780	317.60910	1241.59544	529.41551	378.49800	100.70000	2.49494	326.46000	899.53980	1.28250	2042.84500
1.543	-.767	317.56010	1241.58736	529.40340	378.47710	100.70000	2.49495	326.40990	899.52980	1.28582	2042.84500
1.543	.240	317.64840	1241.48146	529.38007	378.51760	100.70000	2.49488	326.50000	899.50000	1.28594	2042.88000
1.543	1.215	317.57890	1241.70442	529.45166	378.46870	100.70000	2.49526	326.42990	899.51000	1.28903	2042.84500
1.543	2.193	317.45410	1241.03630	529.17513	378.48410	100.70000	2.49399	326.29980	899.51000	1.28972	2042.88000
GRADIENT		-.01004	-.01286	-.00672	-.00328	-.00000	-.00002	-.01029	-.00720	.00068	.00413

## IA310 (AEDC 16TF-783) FAIRING-OFF DATABASE

( VCM040 ) ( 04 OCT 91 )

## PARAMETRIC DATA

BETA = 4.000 PHI = 180.000

RUN NO. 1360/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	P	PT	Q(PSF)	T(R)	TT(F)	RN/L	PC	REF	SH10+3	PATM
.599	-7.846	1252.56599	1596.73000	314.87080	521.79320	99.59999	2.49861	1262.31000	1300.50999	.70236	2043.02000
.600	-6.821	1252.22400	1597.06000	315.42870	521.72170	99.59999	2.50092	1261.98000	1300.49001	.70412	2043.02000
.600	-5.807	1252.03300	1596.96001	315.50150	521.70830	99.59999	2.50110	1261.78999	1300.48000	.69468	2043.02000
.600	-4.791	1252.06599	1596.81000	315.34790	521.72630	99.59999	2.50042	1261.82001	1300.42999	.69663	2043.02000
.600	-3.770	1251.89900	1597.03000	315.66940	521.68580	99.59999	2.50177	1261.66000	1300.42000	.69465	2043.02000
.601	-2.748	1251.29601	1596.72000	315.90380	521.64280	99.59999	2.50236	1261.06000	1300.42000	.69479	2043.02000
.601	-1.729	1251.78700	1597.56000	316.20730	521.62300	99.59999	2.50417	1261.56000	1300.41000	.69067	2043.02000
.600	-.717	1251.48700	1596.87000	315.87380	521.65160	99.59999	2.50238	1261.25000	1300.39000	.69284	2043.05499
.600	.292	1251.70500	1596.62000	315.48460	521.70030	99.59999	2.50075	1261.46001	1300.38000	.69295	2043.05499
.600	1.274	1251.64700	1596.95000	315.80930	521.66330	99.59999	2.50427	1261.41000	1300.39000	.70607	2043.02000
.601	2.252	1251.61501	1597.53000	316.32280	521.60320	99.59999	2.50251	1261.39000	1300.36000	.70965	2043.05499
GRADIENT		-.04151	.04271	.06998	-.00895	-.00000	.00029	-.04009	-.00922	.00169	.00455

(VCMO40) ( 04 OCT 91 )

IA310 (AEDC 16TF-783) FAIRING-OFF DATABASE

PARAMETRIC DATA

BETA = 4.000 PHI = 180.000

GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	P	PT	Q(PSF)	T(R)	TT(F)	RN/L	PC	REF	SH10+3	PATM
.800	-7.878	880.78470	1341.97000	394.11380	495.96340	99.70000	2.50160	890.68990	1046.98000	.81571	2043.89500
.799	-6.856	880.99580	1342.03000	394.01460	495.99100	99.70000	2.50141	890.89990	1046.97000	.81789	2043.89500
.800	-5.842	880.53540	1341.77000	394.13530	496.21040	100.00000	2.49971	890.43990	1046.97000	.81805	2043.89500
.800	-4.833	880.50950	1342.13000	394.41940	496.07960	99.89999	2.50143	890.41990	1046.97000	.82676	2043.89500
.800	-3.822	880.30000	1341.95000	394.42850	496.06490	99.89999	2.50125	890.21000	1046.96001	.81794	2043.89500
.800	-2.809	880.22530	1342.22000	394.67900	495.93580	99.80000	2.50278	890.13990	1046.96001	.81778	2043.89500
.800	-1.795	880.44170	1341.94000	394.32470	495.91140	99.70000	2.50212	890.34990	1046.94000	.82017	2043.92999
.800	.216	880.60570	1341.78999	394.10210	495.95360	99.80000	2.50162	890.35990	1046.92999	.81571	2043.89500
.800	1.200	880.47830	1342.17000	394.47000	495.89310	99.70000	2.50137	890.51000	1046.91000	.81804	2043.89500
.800	2.182	880.72410	1341.95000	394.13990	496.04440	99.80000	2.50275	890.38990	1046.91000	.81559	2043.89500
GRADIENT		.04194	-.01697	-.04111	-.01156	-.02265	.00000	.04129	-.00986	.00000	-.00042

GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	P	PT	Q(PSF)	T(R)	TT(F)	RN/L	PC	REF	SH10+3	PATM
.900	-7.870	753.03080	1273.23000	426.71190	481.51200	99.80000	2.50034	763.03980	977.78980	.99470	2044.21001
.899	-6.842	753.13530	1272.95000	426.45730	481.56130	99.80000	2.49944	763.13990	977.81980	.98430	2044.24500
.900	-5.832	752.88430	1272.80000	426.55830	481.52290	99.80000	2.49958	762.88990	977.80980	.98435	2044.21001
.900	-4.818	752.67580	1272.67000	426.53830	481.59350	99.89999	2.49870	762.67990	977.81980	.98188	2044.24500
.900	-3.806	752.61330	1272.81000	426.67160	481.48100	99.80000	2.49974	762.61990	977.79980	.98441	2044.24500
.900	-2.795	752.61990	1273.07001	426.84640	481.54000	99.89999	2.49987	762.62990	977.80980	.98421	2044.21001
.900	-.774	752.55830	1273.13000	426.92410	481.60840	100.00000	2.49953	762.56980	977.80980	.98416	2044.21001
.900	.234	752.84470	1272.84000	426.55440	481.65010	100.00000	2.49892	762.70000	977.80980	.98428	2044.21001
.900	1.214	752.79270	1272.95000	426.66110	481.69210	100.00000	2.49837	762.84990	977.81980	.97649	2044.21001
.900	2.199	752.76490	1272.77000	426.55400	481.75680	100.10000	2.49816	762.79980	977.81980	.97903	2044.21001
GRADIENT		.02761	.00675	-.01179	.03698	.03795	-.00024	.02749	.00154	-.00082	-.00501

GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	P	PT	Q(PSF)	T(R)	TT(F)	RN/L	PC	REF	SH10+3	PATM
1.099	-7.928	565.55880	1206.36000	478.33840	450.74630	100.00000	2.49964	575.75000	864.26980	.75131	2044.87500
1.100	-6.901	564.82200	1205.89000	478.35640	450.54810	99.89999	2.49950	575.01000	864.25000	.75160	2044.87500
1.100	-5.904	564.72220	1205.86000	478.37840	450.68970	100.10000	2.49831	574.90990	864.28980	.74336	2044.87500
1.100	-4.898	564.55100	1205.92999	478.48680	450.48220	99.89999	2.49972	574.74000	864.28980	.75365	2044.87500
1.101	-3.898	564.43090	1205.91000	478.52250	450.45680	99.89999	2.49973	574.61990	864.30980	.74951	2044.87500
1.100	-2.902	564.72240	1205.84000	478.36670	450.53080	99.89999	2.49943	574.90990	864.29980	.74132	2044.87500
1.100	-.926	564.96240	1205.88000	478.29520	450.74220	100.10000	2.49824	575.14990	864.33980	.73721	2044.87500
1.100	.093	564.85110	1205.97000	478.39140	450.62670	100.00000	2.49908	575.03980	864.33980	.73715	2044.87500
1.100	1.092	564.91260	1205.85001	478.29740	450.57300	99.89999	2.49936	575.09990	864.33980	.74131	2044.84000
1.100	2.068	565.09230	1205.95000	478.28470	450.76440	100.10000	2.49834	575.27980	864.36990	.73717	2044.87500
1.100	GRADIENT	.08406	.03884	-.01061	.03712	.02747	-.00011	.08428	.01256	-.00180	-.00127



## IA310 (AEDC 16TF-783) FAIRING-OFF DATABASE

( VCMO40 ) ( 04 OCT 91 )

## PARAMETRIC DATA

BETA = 4.000 PHI = 180.000

RUN NO. 1374/ O RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	P	PT	Q (PSF)	T (R)	TT (F)	RN/L	PC	REF	SH10+3	PATM
1.249	-7.898	463.06790	1198.53999	506.00490	427.34990	101.10000	2.49479	473.20000	905.73000	1.20435	2041.97000
1.250	-6.866	462.81180	1198.08000	505.82790	427.32810	101.10000	2.49382	472.93990	905.75000	1.20482	2041.97000
1.250	-5.859	462.58280	1198.03000	505.85280	427.27270	101.10000	2.49389	472.71000	905.77980	1.20167	2041.93500
1.250	-4.849	462.62330	1197.95000	505.80350	427.29150	101.10000	2.49353	472.75000	905.78980	1.20175	2041.97000
1.250	-3.843	462.35620	1197.60001	505.68430	427.18070	101.00000	2.49337	472.48000	905.78980	1.19892	2041.97000
1.250	-2.837	462.59080	1198.28000	505.97750	427.17330	101.00000	2.49478	472.72000	905.80980	1.19824	2041.93500
1.250	-1.821	462.58150	1198.20000	505.93920	427.17900	101.00000	2.49462	472.71000	905.83980	1.19832	2041.93500
1.250	-.820	462.36250	1198.14999	505.96170	427.12620	101.00000	2.49449	472.49000	905.83980	1.20155	2041.93500
1.250	.186	462.44410	1197.87000	505.80200	427.17630	101.00000	2.49393	472.56980	905.87990	1.19547	2041.93500
1.250	1.168	462.42530	1197.70000	505.72000	427.11250	100.90000	2.49417	472.54980	905.85990	1.19247	2041.93500
1.249	2.159	462.85280	1197.89000	505.72270	427.20580	100.90000	2.49461	472.98000	905.88990	1.18912	2041.89999
GRADIENT		.01518	-.01407	-.01045	-.01174	-.02254	.00011	.01513	.01499	-.00149	-.00790

RUN NO. 1385/ O RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	P	PT	Q (PSF)	T (R)	TT (F)	RN/L	PC	REF	SH10+3	PATM
1.400	-7.865	381.94170	1215.16000	523.90010	403.09420	101.40000	2.49084	391.64990	920.59990	1.17219	2041.69000
1.400	-6.874	382.00000	1215.31000	523.96460	403.02590	101.30000	2.49174	391.71000	920.59990	1.16894	2041.69000
1.400	-5.869	381.62520	1215.14000	523.89770	403.00070	101.40000	2.49070	391.32980	920.59990	1.17221	2041.72501
1.400	-4.857	381.69850	1214.48000	523.60790	403.01370	101.30000	2.49001	391.39990	920.62990	1.14817	2041.72501
1.400	-3.856	381.81420	1215.00000	523.83280	403.07100	101.40000	2.49045	391.51980	920.59990	1.14768	2041.72501
1.400	-2.846	381.84250	1215.20000	523.91990	402.98880	101.30000	2.49143	391.54980	920.61990	1.15054	2041.72501
1.400	-1.837	381.92940	1215.50999	524.05370	403.05740	101.40000	2.49147	391.63990	920.61990	1.14719	2041.75999
1.400	-.834	381.83500	1214.82001	523.75370	403.02250	101.30000	2.49073	391.53980	920.61990	1.16631	2041.75999
1.400	.171	381.83620	1214.61000	523.66190	403.04270	101.30000	2.49035	391.53980	920.61990	1.16341	2041.75999
1.400	1.156	381.76460	1214.98000	523.82520	403.05790	101.40000	2.49038	391.47000	920.60990	1.15689	2041.79500
1.400	2.146	381.85250	1215.16000	523.90210	403.06740	101.40000	2.49077	391.55980	920.62990	1.15672	2041.79500
GRADIENT		.00856	.02610	.01124	.00518	.00709	.00001	.00884	.00059	.00195	.01122

RUN NO. 1398/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	P	PT	Q (PSF)	T (R)	TT (F)	RN/L	PC	REF	SH10+3	PATM
1.450	-7.810	358.99020	1226.44000	528.36650	394.34200	100.50000	2.49709	368.47000	932.72000	1.36414	2042.07500
1.450	-6.817	358.75460	1226.27000	528.28370	394.28370	100.50000	2.49657	368.23000	932.73000	1.36433	2042.07500
1.450	-5.805	358.70560	1226.24001	528.26860	394.34130	100.60000	2.49588	368.17990	932.73000	1.36437	2042.11000
1.449	-4.787	359.15060	1225.95000	528.17090	394.50780	100.60000	2.49579	368.62990	932.75980	1.36112	2042.11000
1.450	-3.768	358.94310	1226.02000	528.18950	394.43630	100.60000	2.49572	368.41990	932.76980	1.35038	2042.11000
1.450	-2.754	358.67680	1226.07001	528.19630	394.41850	100.70000	2.49494	368.14990	932.78980	1.32923	2042.14500
1.450	-1.733	359.03100	1226.16000	528.25200	394.52150	100.70000	2.49545	368.50980	932.79980	1.32564	2042.11000
1.450	-.722	358.69870	1225.67999	528.03540	394.46120	100.70000	2.49429	368.16990	932.80980	1.32965	2042.14500
1.450	.286	358.73610	1226.03999	528.18700	394.43970	100.70000	2.49496	368.26980	932.80980	1.32577	2042.14500
1.450	1.268	358.79540	1225.98000	528.16500	394.53440	100.80000	2.49432	368.26980	932.83980	1.32584	2042.17999
1.450	2.247	358.92380	1225.92999	528.15090	394.57930	100.80000	2.49435	368.39990	932.83980	1.32241	2042.17999
GRADIENT		-.02960	-.01077	-.00601	.01166	.02836	-.00022	-.03007	.01159	-.00475	.01033

(VCM040) ( 04 OCT 91 )

IA310 (AEDC 16TF-783) FAIRING-OFF DATABASE

PARAMETRIC DATA

BETA = 4.000 PHI = 180.000

RUN NO. 1441/ O RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	P	PT	Q(PSF)	T(R)	TT(F)	RN/L	PC	PREF	SH10+3	PATM
1.471	-7.862	347.79350	1225.13557	527.07392	390.82250	101.30000	2.49118	357.12990	897.51000	1.26142	2042.98500
1.471	-6.828	348.00980	1225.14514	527.09608	390.88840	101.30000	2.49148	357.34990	897.51980	1.26471	2042.95000
1.471	-5.815	347.81350	1224.93631	526.99445	390.90600	101.40000	2.49047	357.14990	897.51980	1.26817	2042.95000
1.471	-4.801	348.00240	1224.50392	526.83455	391.00370	101.40000	2.48996	357.33980	897.51000	1.27194	2042.95000
1.470	-3.784	348.21830	1224.24171	526.74512	391.06490	101.40000	2.49035	357.55980	897.51980	1.29210	2042.95000
1.470	-2.768	348.06930	1224.53180	526.85025	390.98800	101.40000	2.49074	357.40990	897.51980	1.29176	2042.91499
1.471	-1.753	348.01980	1224.65645	526.89745	390.96580	101.40000	2.49081	357.35990	897.51000	1.28829	2042.91499
1.471	-0.743	347.98020	1224.66049	526.89532	390.88260	101.30000	2.49138	357.31980	897.51980	1.28828	2042.91499
1.471	.266	347.94360	1224.49005	526.82353	390.92160	101.30000	2.49037	357.27980	897.51000	1.26866	2042.84500
1.471	1.245	347.88280	1224.85948	526.96907	390.93630	101.40000	2.49039	357.22000	897.51000	1.26826	2042.84500
1.471	2.231	348.04980	1225.03909	527.05600	390.98730	101.40000	2.49062	357.38990	897.50000	1.26156	2042.84500
GRADIENT		-.02093	.07923	.03053	-.01241	-.00483	.00005	-.02113	-.00163	-.00307	-.01741

RUN NO. 1408/ O RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	P	PT	Q(PSF)	T(R)	TT(F)	RN/L	PC	PREF	SH10+3	PATM
1.496	-7.869	337.56760	1231.77090	528.69818	386.95830	101.40000	2.49103	346.75980	943.63990	1.15872	2042.32001
1.496	-6.830	337.30400	1231.47722	528.55032	386.89940	101.40000	2.49020	346.49000	943.63990	1.15594	2042.28500
1.496	-5.823	337.45070	1231.90285	528.73711	386.93680	101.40000	2.49057	346.63990	943.63990	1.13755	2042.32001
1.496	-4.809	337.50100	1231.65114	528.64298	386.97750	101.40000	2.49017	346.68990	943.60990	1.13780	2042.35500
1.496	-3.798	337.49950	1231.99771	528.78033	386.94480	101.40000	2.49078	346.68990	943.59990	1.13747	2042.35500
1.496	-2.781	337.74510	1232.08511	528.84476	387.02980	101.40000	2.49098	346.93990	943.61990	1.13148	2042.35500
1.496	-1.766	337.63400	1232.74068	529.09101	386.93090	101.40000	2.49204	346.82980	943.59990	1.13084	2042.35500
1.496	-.758	337.62650	1232.24826	528.89486	386.97390	101.40000	2.49116	346.81980	943.59990	1.13131	2042.32001
1.496	.250	337.29350	1231.94322	528.73352	386.88350	101.40000	2.49042	346.48000	943.58980	1.13451	2042.35500
1.496	1.232	337.44120	1231.91873	528.74174	386.94090	101.40000	2.49042	346.62990	943.55980	1.13159	2042.35500
1.496	2.219	337.59960	1231.48569	528.58908	387.01780	101.40000	2.49013	346.78980	943.56980	1.14395	2042.35500
GRADIENT		-.01144	-.02856	-.01275	-.00164	-.00000	-.00005	-.01176	-.00676	.00027	-.00043

RUN NO. 1431/ O RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	P	PT	Q(PSF)	T(R)	TT(F)	RN/L	PC	PREF	SH10+3	PATM
1.518	-7.867	327.48900	1233.79713	528.12428	382.96510	101.40000	2.49132	336.51980	911.87990	1.40681	2043.16000
1.518	-6.837	327.41210	1233.36475	527.94512	382.97270	101.40000	2.49059	336.43990	911.85990	1.41092	2043.16000
1.518	-5.826	327.09030	1233.04468	527.77172	382.83640	101.30000	2.49020	336.10990	911.85990	1.40042	2043.16000
1.517	-4.811	327.61990	1233.13528	527.88726	383.08420	101.40000	2.49005	336.64990	911.85990	1.39680	2043.16000
1.518	-3.796	327.58810	1233.72865	528.11234	382.95630	101.30000	2.49154	336.61990	911.84990	1.39253	2043.16000
1.518	-2.779	327.26490	1233.61932	528.02079	382.92260	101.40000	2.49042	336.28980	911.84990	1.39261	2043.16000
1.518	-1.765	327.26680	1233.22444	527.86822	382.96360	101.40000	2.49065	336.28980	911.84990	1.38949	2043.16000
1.518	-.757	327.18850	1233.21442	527.85291	382.93750	101.40000	2.48955	336.21000	911.82980	1.38949	2043.19501
1.518	.249	327.37210	1233.77890	528.09090	382.94530	101.40000	2.49080	336.39990	911.83980	1.39244	2043.16000
1.517	1.230	327.68630	1233.71768	528.12328	382.98630	101.30000	2.49171	336.72000	911.83980	1.39614	2043.19501
1.518	2.215	327.12920	1233.18977	527.83378	382.90970	101.40000	2.48963	336.14990	911.83980	1.39667	2043.19501
GRADIENT		-.03215	.00961	-.00114	-.01224	.00003	-.00001	-.03272	-.00287	.00019	.00538

IA310 (AEDC 16TF-783) FAIRING-OFF DATABASE (VCMO40) ( 04 OCT 91 )

## PARAMETRIC DATA

BETA = 4.000 PHI = 180.000

RUN NO. 1419/ O RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	P	PT	Q(PSF)	T(R)	TT(F)	RN/L	PC	PREF	SH10+3	PATM
1.543	-7.866	317.48220	1241.14690	529.22186	378.53370	100.80000	2.49395	326.32980	899.66990	1.30301	2042.88000
1.543	-6.836	317.35470	1241.26732	529.24292	378.47800	100.80000	2.49401	326.20000	899.65990	1.30286	2042.88000
1.543	-5.825	317.52120	1241.18103	529.24181	378.54440	100.80000	2.49406	326.36990	899.66990	1.30297	2042.88000
1.543	-4.811	317.56010	1241.19965	529.25622	378.61470	100.90000	2.49371	326.40990	899.65990	1.30971	2042.88000
1.543	-3.796	317.41260	1241.38560	529.29821	378.47880	100.80000	2.49445	326.25980	899.63990	1.30949	2042.88000
1.543	-2.781	317.69680	1241.07123	529.23338	378.59280	100.80000	2.49451	326.54980	899.64990	1.32004	2042.84500
1.543	-1.766	317.74610	1241.08081	529.24579	378.61400	100.80000	2.49450	326.59990	899.63990	1.31664	2042.84500
1.554	-.758	317.53120	1260.71060	536.69828	378.48440	100.70000	2.49459	326.37990	899.62990	.00000	2042.84500
1.554	.248	317.66750	1260.91852	536.80334	378.58030	100.80000	2.49452	326.51980	899.62990	.00000	2042.88000
1.554	1.230	317.67820	1260.66441	536.70956	378.53810	100.70000	2.49472	326.52980	899.61990	.00000	2042.88000
1.543	2.214	317.61910	1240.99324	529.18926	378.50490	100.70000	2.49489	326.47000	899.59990	1.32012	2042.84500
GRADIENT		.01712	2.07713	.79628	-.00755	-.02370	.00012	.01739	-.00699	-.14017	-.00168

## IA310 (AEDC 16TF-783) PROBE CALIBRATION

(VCMO41) ( 04 OCT 91 )

## PARAMETRIC DATA

BETA = -4.000 PHI = 180.000

RUN NO. 1670/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	P	PT	Q(PSF)	T(R)	TT(F)	RN/L	PC	PREF	SH10+3	PATM
.600	-8.125	1252.29601	1596.99001	315.31050	521.64360	99.50000	2.50100	1262.05000	1301.22000	8.87937	2029.92999
.600	-7.121	1252.08299	1596.50999	315.08230	521.75610	99.59999	2.49920	1261.83000	1301.22000	9.05385	2029.89500
.600	-6.140	1251.84200	1596.89000	315.59960	521.78540	99.70000	2.50083	1261.60001	1301.22000	9.10376	2029.92999
.601	-5.164	1251.49300	1597.02000	315.99410	521.82500	99.80000	2.50180	1261.25999	1301.24001	9.13788	2029.92999
.600	-4.188	1251.50400	1596.50999	315.55710	521.96700	99.89999	2.49921	1261.25999	1301.22000	9.12338	2029.92999
.600	-3.220	1251.33000	1596.56000	315.74170	521.84840	99.80000	2.50049	1261.09000	1301.22000	9.01897	2029.96500
.601	-2.253	1250.81400	1596.94000	316.48340	521.75150	99.80000	2.50351	1260.59000	1301.22000	8.87965	2029.96500
.601	-1.284	1251.27499	1596.77000	315.96340	521.82230	99.80000	2.50148	1261.03999	1301.21001	8.69508	2029.92999
.600	-.291	1251.36099	1596.53000	315.69090	521.94820	99.89999	2.49972	1261.12000	1301.20000	8.49793	2029.96500
.600	.704	1252.44901	1596.94000	315.14260	522.03960	99.89999	2.49807	1262.20000	1301.21001	8.30136	2029.96500
.600	1.729	1252.49400	1597.25000	315.36690	521.82930	99.70000	2.50029	1262.25000	1301.21001	8.17240	2029.96500
GRADIENT		.21033	.09359	-.09388	.00605	-.01101	-.00020	.20904	-.00253	-.16949	.00382

(VCM041) ( 04 OCT 91 )

PARAMETRIC DATA

BETA = -4.000 PHI = 180.000

RUN NO. 1746/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	P	PT	Q(PSF)	T(R)	TT(F)	RN/L	PC	PREF	SH10+3	PATM
.800	-8.087	879.85160	1340.94000	393.98610	495.39010	99.09999	2.50359	889.75000	1045.66000	4.91287	2029.92999
.799	-7.081	880.49070	1340.73000	393.39580	495.51510	99.09999	2.50181	890.37990	1045.64999	4.99490	2029.86000
.800	-6.094	879.96920	1341.17000	394.07640	495.47340	99.20000	2.50350	889.86990	1045.63000	5.07572	2029.82500
.799	-5.110	880.42290	1341.21001	393.79710	495.54220	99.20000	2.50282	890.31980	1045.62000	5.12324	2029.75500
.800	-4.133	879.80270	1341.46001	394.40410	495.41600	99.20000	2.50468	889.71000	1045.62000	5.19454	2029.68500
.800	-3.154	880.03880	1341.23000	394.07350	495.56690	99.30000	2.50299	889.93990	1045.60001	5.25638	2029.64999
.800	-2.179	879.57520	1341.14999	394.32930	495.50070	99.30000	2.50357	889.48000	1045.59000	5.31830	2029.58000
.800	-1.201	879.62790	1341.02000	394.19750	495.61160	99.39999	2.50251	889.52980	1045.57001	5.35609	2029.50999
.800	-.204	879.52710	1341.02000	394.26610	495.59550	99.39999	2.50269	889.42990	1045.56000	5.39361	2029.47501
.800	.789	879.81520	1340.67000	393.81080	495.76730	99.50000	2.50053	889.71000	1045.53999	5.40759	2029.44000
.799	1.806	880.05790	1340.66000	393.63840	495.80760	99.50000	2.50007	889.95000	1045.53999	5.43284	2029.40500
GRADIENT		.01029	-.13186	-.10461	.06040	.05054	-.00071	.00811	-.01408	.03942	-.04929

RUN NO. 1659/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	P	PT	Q(PSF)	T(R)	TT(F)	RN/L	PC	PREF	SH10+3	PATM
.900	-8.098	752.51560	1272.57001	426.56470	481.48900	99.80000	2.49921	762.51980	979.31980	1.67335	2028.91499
.900	-7.081	753.01980	1273.28000	426.75270	481.41850	99.70000	2.50107	763.02980	979.42990	1.66813	2028.88000
.900	-6.098	752.68310	1272.85001	426.65750	481.40330	99.70000	2.50034	762.68990	979.52980	1.66441	2028.84500
.900	-5.113	753.05100	1273.21001	426.68600	481.34570	99.59999	2.50142	763.05980	979.60990	1.65966	2028.88000
.900	-4.135	752.69700	1273.30000	426.95850	481.18530	99.50000	2.50271	762.71000	979.66990	1.64679	2028.88000
.900	-3.165	752.67140	1272.97000	426.67410	481.30220	99.59999	2.50126	762.67990	979.74000	1.62615	2028.88000
.900	-2.186	752.51050	1272.96001	426.83590	481.27390	99.59999	2.50144	762.51980	979.81980	1.62617	2028.88000
.900	-1.213	752.42110	1272.85001	426.81320	481.35550	99.70000	2.50068	762.42990	979.90990	1.60963	2028.91499
.900	-.216	752.58300	1272.82001	426.69650	481.38840	99.70000	2.50039	762.58980	980.00000	1.60139	2028.88000
.900	.777	752.72270	1272.91000	426.67530	481.49020	99.80000	2.49987	762.73000	980.05980	1.59715	2028.88000
.900	1.798	752.98710	1273.45000	426.88890	481.56620	99.89999	2.50043	763.00000	980.16990	1.60473	2028.88000
GRADIENT		.03839	.00774	-.01753	.05911	.06152	-.00038	.03822	-.08389	-.00753	-.00002

RUN NO. 1738/ O RN/L = 2.51 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	P	PT	Q(PSF)	T(R)	TT(F)	RN/L	PC	PREF	SH10+3	PATM
1.098	-7.989	566.02100	1206.28000	478.10890	449.57130	98.39999	2.50861	576.21000	912.54980	.93004	2030.59500
1.100	-7.016	565.23340	1206.75000	478.69410	449.26170	98.30000	2.51065	575.42990	912.51000	.92967	2030.56000
1.101	-6.023	564.59200	1206.71001	478.92380	449.20090	98.39999	2.51027	574.78980	912.51000	.93223	2030.56000
1.101	-5.030	564.32740	1206.17999	478.72020	449.11670	98.30000	2.50977	574.51980	912.47000	.93517	2030.52499
1.101	-4.040	564.35940	1206.00000	478.60280	449.22360	98.39999	2.50875	574.54980	912.46000	.93531	2030.52499
1.100	-3.049	564.51070	1205.92999	478.50240	449.26540	98.39999	2.50852	574.70000	912.41990	.93536	2030.52499
1.100	-2.064	564.57230	1205.81000	478.40840	449.21170	98.30000	2.50880	574.76000	912.40990	.93799	2030.52499
1.100	-1.072	564.79050	1206.00999	478.43870	449.24000	98.30000	2.50916	574.98000	912.38990	.94293	2030.52499
1.100	-.052	564.91020	1206.08000	478.43210	449.34010	98.39999	2.50867	575.09990	912.37990	.95056	2030.52499
1.100	.922	564.81930	1206.12000	478.49120	449.31540	98.39999	2.50881	575.01000	912.34990	.95827	2030.49001
1.100	1.931	565.05860	1206.27000	478.48410	449.35380	98.39999	2.50904	575.25000	912.33980	.96856	2030.45500
GRADIENT		.10960	.05250	-.01269	.02227	.00366	.00005	.10988	-.01903	.00568	-.01005

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(VCM041) ( 04 OCT 91 )

PARAMETRIC DATA

BETA = -4.000 PHI = 180.000

RUN NO. 1722/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	P	PT	Q(PSF)	T(R)	TT(F)	RN/L	PC	PREF	SH10+3	PATM
1.249	-8.032	462.86110	1198.13000	505.84230	427.03120	100.70000	2.49627	472.99000	855.33980	1.06569	2031.05000
1.250	-7.062	462.64380	1197.82001	505.73290	427.00560	100.70000	2.49561	472.76980	855.37990	1.06312	2031.01500
1.250	-6.074	462.45190	1198.21001	505.97270	426.99150	100.80000	2.49580	472.57980	855.43390	1.06562	2031.05000
1.250	-5.084	462.26420	1197.97000	505.89210	426.89010	100.70000	2.49587	472.38990	855.50000	1.06298	2031.05000
1.249	-4.101	462.76420	1197.73000	505.66110	427.04640	100.70000	2.49545	472.88990	855.54980	1.06605	2031.01500
1.250	-3.120	462.41260	1198.10001	505.92530	426.91600	100.70000	2.49615	472.53980	855.59990	1.06287	2030.98000
1.250	-2.142	462.61210	1198.12000	505.89210	426.96660	100.70000	2.49622	472.74000	855.65990	1.06285	2030.94501
1.250	-1.167	462.51420	1197.84000	505.77150	426.96920	100.70000	2.49564	472.63990	855.67990	1.05175	2030.91000
1.250	-.160	462.56200	1198.13000	505.90800	426.95240	100.70000	2.49624	472.68990	855.73000	1.04868	2030.87500
1.250	.832	462.51290	1198.03999	505.87300	426.87230	100.60000	2.49663	472.63990	855.76000	1.04595	2030.87500
1.250	1.844	462.62210	1198.09000	505.87450	426.83600	100.60000	2.49675	472.75000	855.78980	1.04590	2030.91000
GRADIENT		-.00980	.03501	.01987	-.01995	-.01810	.00018	-.00958	.04003	-.00391	-.02140

RUN NO. 1711/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	P	PT	Q(PSF)	T(R)	TT(F)	RN/L	PC	PREF	SH10+3	PATM
1.400	-8.024	381.84960	1215.64999	524.11650	402.44530	100.60000	2.49639	391.55980	873.34990	1.28538	2030.73500
1.400	-7.050	381.91260	1215.06000	523.85690	402.52030	100.60000	2.49536	391.61990	873.31980	1.28601	2030.73500
1.400	-6.066	381.79320	1215.17999	523.91210	402.47290	100.60000	2.49550	391.50000	873.29980	1.27912	2030.70000
1.400	-5.073	381.80520	1214.85001	523.76760	402.50780	100.60000	2.49490	391.50980	873.26980	1.26939	2030.77000
1.400	-4.090	381.64450	1215.24001	523.94120	402.35060	100.50000	2.49609	391.34990	873.26000	1.26898	2030.77000
1.400	-3.110	381.85330	1215.06000	523.85840	402.43040	100.50000	2.49591	391.55980	873.22000	1.26917	2030.73500
1.400	-2.131	381.71630	1214.82001	523.75610	402.41190	100.50000	2.49538	391.41990	873.20000	1.26942	2030.70000
1.400	-1.150	381.90310	1215.00000	523.70390	402.48220	100.50000	2.49532	391.61990	873.17990	1.25289	2030.73500
1.400	-.151	381.90310	1215.00000	523.83110	402.45120	100.50000	2.49584	391.60990	873.13990	1.10565	2030.70000
1.399	.842	382.14010	1215.05000	523.84810	402.51780	100.50000	2.49611	391.84990	873.10990	1.11152	2030.73500
1.400	1.857	381.85470	1214.83000	523.75760	402.45260	100.50000	2.49550	391.55980	873.08980	1.24616	2030.73500
GRADIENT		.04999	-.03838	-.01781	.01868	-.00000	-.00003	.05031	-.02853	-.01968	-.00375

RUN NO. 1704/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	P	PT	Q(PSF)	T(R)	TT(F)	RN/L	PC	PREF	SH10+3	PATM
1.450	-8.114	358.90280	1226.17999	528.25370	394.40890	100.60000	2.49596	368.37990	883.63990	1.32214	2030.59500
1.450	-7.110	359.04200	1225.96001	528.16940	394.47270	100.60000	2.49570	368.51980	883.65990	1.32238	2030.59500
1.450	-6.125	358.83400	1226.19000	528.25440	394.38620	100.60000	2.49591	368.30980	883.67990	1.31520	2030.59500
1.450	-5.141	358.96090	1226.39000	528.34420	394.40770	100.60000	2.49638	368.43990	883.70000	1.31153	2030.59500
1.449	-4.168	359.35640	1226.14999	528.26440	394.55400	100.60000	2.49633	368.83980	883.74000	1.30491	2030.59500
1.450	-3.200	358.77590	1226.00000	528.17260	394.45580	100.70000	2.49493	368.25000	883.76980	1.30507	2030.59500
1.450	-2.227	358.82690	1225.64000	528.02540	394.50510	100.70000	2.49434	368.29980	883.79980	1.30203	2030.56000
1.450	-1.261	358.64870	1225.84000	528.09940	394.43070	100.70000	2.49453	368.11990	883.81980	1.29498	2030.52499
1.450	-.261	359.01250	1225.98000	528.17630	394.53200	100.70000	2.49512	368.49000	883.81980	1.28127	2030.52499
1.450	.731	359.07180	1225.94000	528.16260	394.55440	100.70000	2.49510	368.54980	883.84980	1.27794	2030.52499
1.450	1.752	358.77690	1225.78000	528.08110	394.47630	100.70000	2.49454	368.25000	883.86990	1.28148	2030.52499
GRADIENT		-.03446	-.03210	-.01510	-.00028	.01080	-.00015	-.03513	.02064	-.00526	-.01391

(VCMO41) ( 04 OCT 91 )

PARAMETRIC DATA

BETA = -4.000 PHI = 180.000

RUN NO. 1697/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	P	PT	Q(PSF)	T(R)	TT(F)	RN/L	PC	REF	SH10+3	PATM
1.470	-8.064	348.43530	1225.37740	527.22330	390.18680	100.30000	2.50058	357.78980	887.37990	1.33482	2030.24500
1.470	-7.098	348.17460	1224.32753	526.77459	390.19730	100.30000	2.49850	357.51980	887.37990	1.33595	2030.24500
1.470	-6.113	348.15360	1224.68347	526.91853	390.16360	100.30000	2.49900	357.50000	887.36990	1.33212	2030.28000
1.470	-5.125	347.95920	1224.13083	526.67712	390.15010	100.30000	2.49786	357.29980	887.38990	1.33271	2030.28000
1.470	-4.151	347.96140	1223.60631	526.46407	390.19340	100.30000	2.49705	357.29980	887.38990	1.33672	2030.28000
1.470	-3.181	347.95210	1223.49757	526.41871	390.20020	100.30000	2.49685	357.28980	887.40990	1.33684	2030.28000
1.470	-2.211	347.95090	1223.72220	526.50925	390.17920	100.30000	2.49725	357.28980	887.41990	1.33659	2030.28000
1.470	-1.236	348.16750	1223.58853	526.47256	390.25120	100.30000	2.49742	357.50980	887.40990	1.34366	2030.31500
1.470	-.243	348.11040	1223.23900	526.32594	390.26460	100.30000	2.49676	357.45000	887.42990	1.34404	2030.31500
1.484	.752	347.99020	1248.79709	536.80439	390.19170	100.30000	2.49729	357.32980	887.41990	.00000	2030.31500
1.485	1.772	347.85350	1248.54031	536.68700	390.16700	100.30000	2.49678	357.18990	887.41990	.00000	2030.31500
GRADIENT		-.00355	4.54594	1.86528	-.00050	.00000	-.00002	-.00362	.00433	-.24297	.00760

RUN NO. 1667/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	P	PT	Q(PSF)	T(R)	TT(F)	RN/L	PC	REF	SH10+3	PATM
1.497	-8.059	337.57640	1233.61928	529.43311	386.45700	100.70000	2.49561	346.76980	945.61990	1.05535	2029.54500
1.496	-7.089	337.46340	1232.48955	528.97171	386.51900	100.70000	2.49360	346.64990	945.63990	1.05913	2029.54500
1.497	-6.107	337.52880	1233.26895	529.28877	386.53810	100.80000	2.49443	346.72000	945.64990	1.05844	2029.54500
1.497	-5.117	337.40890	1233.63123	529.41670	386.39430	100.70000	2.49557	346.59990	945.65990	1.05810	2029.54500
1.497	-4.146	337.30350	1233.08440	529.18797	386.40870	100.70000	2.49451	346.49000	945.67990	1.05857	2029.54500
1.497	-3.169	337.49980	1233.11383	529.22308	386.46920	100.70000	2.49481	346.68990	945.68990	1.06137	2029.54500
1.497	-2.198	337.61600	1233.49933	529.39051	386.54250	100.80000	2.49499	346.80980	945.68990	1.06105	2029.54500
1.497	-1.226	337.54830	1233.14853	529.24286	386.47460	100.70000	2.49507	346.74000	945.72000	1.06696	2029.54500
1.497	-.228	337.57690	1233.28180	529.29917	386.53690	100.80000	2.49481	346.76980	945.73000	1.06966	2029.54500
1.497	.765	337.54790	1233.11964	529.23112	386.46460	100.70000	2.49526	346.74000	945.73000	1.07545	2029.54500
1.496	1.790	337.68650	1232.87825	529.15271	386.53030	100.70000	2.49503	346.87990	945.74000	1.07852	2029.54500
GRADIENT		.04356	-.03033	-.00676	.01262	-.00008	.00008	.04442	.01086	.00350	-.00002

RUN NO. 1685/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	P	PT	Q(PSF)	T(R)	TT(F)	RN/L	PC	REF	SH10+3	PATM
1.519	8.051	327.55880	1236.99797	529.37025	382.32930	100.40000	2.49692	336.58980	911.99000	1.16741	2030.17500
1.520	-7.087	327.29520	1236.61679	529.18212	382.26860	100.40000	2.49607	336.31980	911.98000	1.17080	2030.17500
1.520	-6.104	327.13720	1236.96043	529.29039	382.18700	100.40000	2.49642	336.15990	911.99000	1.16739	2030.17500
1.520	-5.121	327.09960	1236.56711	529.13264	382.20950	100.40000	2.49571	336.11990	911.97000	1.16777	2030.10500
1.520	-4.141	327.18680	1236.74774	529.21597	382.21920	100.40000	2.49618	336.21000	911.99000	1.17056	2030.14000
1.520	-3.173	327.17770	1236.58144	529.15065	382.16310	100.30000	2.49649	336.20000	911.96000	1.17082	2030.14000
1.520	-2.196	327.23580	1236.79909	529.24321	382.23580	100.40000	2.49625	336.25980	911.97000	1.16756	2030.14000
1.520	-1.222	327.28560	1236.58247	529.16728	382.20430	100.30000	2.49652	336.30980	911.99000	1.16778	2030.10500
1.520	-.228	327.33420	1236.70950	529.22415	382.27370	100.40000	2.49627	336.35990	911.96000	1.17072	2030.10500
1.520	.766	327.31420	1236.90257	529.29607	382.25730	100.40000	2.49643	336.33980	911.93990	1.16442	2030.07001
1.520	1.787	327.35300	1237.25038	529.43594	382.26340	100.40000	2.49661	336.37990	911.93990	1.14596	2030.07001
GRADIENT		.03146	.07517	.01300	.00731	.00004	.00004	.03216	-.00728	-.00305	-.01395

## IA310 (AEDC 16TF-783) PROBE CALIBRATION

(VCM041) ( 04 OCT 91 )

## PARAMETRIC DATA

BETA = -4.000 PHI = 180.000

RUN NO. 1678/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	P	PT	Q(PSF)	T(R)	TT(F)	RN/L	PC	PREF	SH10+3	PATM
1.541	-8.058	318.59470	1241.40636	529.52805	379.24240	101.40000	2.49332	327.47000	911.67990	1.35078	2029.72000
1.541	-7.089	318.30270	1240.95020	529.30072	379.11280	101.30000	2.49282	327.16990	911.67990	1.35124	2029.72000
1.545	-6.103	316.56080	1241.05180	529.00793	378.50850	101.30000	2.49060	325.38990	911.72000	1.33703	2029.72000
1.543	-5.123	317.58060	1240.44066	528.97162	378.98540	101.40000	2.49026	326.42990	911.76000	1.34130	2029.72000
1.544	-4.146	316.92460	1240.52072	528.87743	378.67920	101.30000	2.49023	325.75980	911.78980	1.34112	2029.72000
1.544	-3.166	317.04370	1240.12224	528.74957	378.76150	101.30000	2.48961	325.87990	911.79980	1.33812	2029.72000
1.543	-2.198	317.22850	1240.49069	528.92362	378.79860	101.30000	2.49035	326.06980	911.81980	1.33430	2029.72000
1.542	-1.222	317.71800	1240.37093	528.97202	378.97240	101.30000	2.49090	326.56980	911.83980	1.34140	2029.75500
1.543	-.229	317.57130	1240.33244	528.92957	378.92410	101.30000	2.49066	326.41990	911.85990	1.34142	2029.75500
1.543	.766	317.57010	1240.83047	529.11721	378.89360	101.30000	2.49123	326.41990	911.85990	1.33054	2029.75500
1.543	1.788	317.41410	1240.60220	529.00176	378.85400	101.30000	2.49076	326.25980	911.86990	1.33421	2029.75500
GRADIENT		.10292	.05447	.04022	.03281	-.00000	.00019	.10530	.01447	-.00104	.00758

## IA310 (AEDC 16TF-783) PROBE CALIBRATION

(VCM042) ( 04 OCT 91 )

## PARAMETRIC DATA

BETA = -4.000 PHI = 180.000

RUN NO. 1568/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	P	PT	Q(PSF)	T(R)	TT(F)	RN/L	PC	PREF	SH10+3	PATM
.599	-7.140	1252.87100	1597.21001	315.02390	522.43770	100.30000	2.49559	1262.62000	1301.00999	1.00655	2034.69000
.599	-6.144	1252.64999	1596.57001	314.66700	522.47140	100.30000	2.49375	1262.39000	1301.07001	1.00431	2034.65500
.600	-5.169	1251.87300	1596.33000	315.10280	522.40110	100.30000	2.49513	1261.62000	1301.14999	.97067	2034.69000
.600	-4.196	1252.49100	1597.42000	315.51220	522.37280	100.30000	2.49754	1262.25000	1301.23000	.96745	2034.69000
.600	-3.224	1251.79700	1597.08000	315.79590	522.32200	100.30000	2.49828	1261.56000	1301.27000	.96511	2034.65500
.601	-2.256	1251.87900	1597.50000	316.08080	522.29250	100.30000	2.49967	1261.64999	1301.35001	.96232	2034.69000
.600	-1.286	1252.07700	1597.30000	315.75120	522.33470	100.30000	2.49831	1261.84000	1301.39999	.95990	2034.69000
.600	-.291	1251.91200	1596.92000	315.56690	522.35060	100.30000	2.49732	1261.67000	1301.47000	.95760	2034.69000
.600	.705	1251.62900	1596.84000	315.73170	522.32450	100.30000	2.49785	1261.39000	1301.52000	.95513	2034.69000
GRADIENT		-.11000	-.10487	.00207	-.00328	.00000	-.00008	-.11038	.06126	-.00253	.00305

(VCM042) ( 04 OCT 91 )

IA310 (AEDC 16TF-783) PROBE CALIBRATION

PARAMETRIC DATA

BETA = -4.000 PHI = 180.000

RUN NO. 1458/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	P	PT	Q(PSF)	T(R)	TT(F)	RN/L	PC	PREF	SH10+3	PATM
.800	-7.105	879.99680	1341.32001	394.16850	495.99390	99.80000	2.50046	889.89990	1045.84000	8.16490	2038.85500
.800	-6.098	879.88920	1341.10001	394.07890	496.08860	99.89999	2.49941	889.78980	1046.00999	8.13406	2038.85500
.800	-5.112	879.57470	1341.19000	394.35910	495.85110	99.70000	2.50139	889.48000	1046.13000	8.10144	2038.82001
.800	-4.133	879.92260	1340.92000	393.92310	496.02440	99.80000	2.49938	889.81980	1046.25000	8.16737	2038.85500
.800	-3.157	879.74850	1341.05000	394.13750	495.89380	99.70000	2.50066	889.64990	1046.36000	8.15045	2038.82001
.800	-2.183	879.85210	1340.89000	393.94870	496.01610	99.80000	2.49941	889.75000	1046.44000	8.07130	2038.85500
.800	-1.206	879.54590	1341.10001	394.31230	495.94460	99.80000	2.50059	889.45000	1046.53000	7.99061	2038.82001
.800	-1.203	879.66820	1341.00999	394.16240	495.97390	99.80000	2.50010	889.56980	1046.62000	7.84998	2038.82001
.800	.788	879.73540	1341.27000	394.30960	495.95700	99.80000	2.50077	889.63990	1046.71001	7.77100	2038.82001
	GRADIENT	-.04287	.05351	.06875	-.00487	.00870	.00019	-.04160	.09203	-.08614	-.00611

RUN NO. 1491/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	P	PT	Q(PSF)	T(R)	TT(F)	RN/L	PC	PREF	SH10+3	PATM
.900	-7.109	753.01070	1273.21001	426.71000	481.59640	99.89999	2.49974	763.01980	978.38990	2.67378	2036.75500
.899	-6.098	753.25440	1273.08000	426.47560	481.65500	99.89999	2.49906	763.26000	978.50000	2.67406	2036.75500
.900	-5.117	752.46000	1272.97000	426.87280	481.43580	99.80000	2.50038	762.47000	978.57980	2.66767	2036.75500
.900	-4.137	752.70000	1273.09000	426.81230	481.46660	99.80000	2.50039	762.71000	978.68990	2.65424	2036.75500
.900	-3.162	752.51730	1273.17000	426.97580	481.33840	99.70000	2.50143	762.52980	978.73000	2.60193	2036.72000
.901	-2.191	752.12010	1272.78000	426.94460	481.39400	99.80000	2.50030	762.12990	978.81980	2.60274	2036.72000
.900	-1.210	752.46020	1272.95000	426.85890	481.43800	99.80000	2.50032	762.47000	978.88990	2.59593	2036.72000
.900	-.216	752.28930	1272.92999	426.94680	481.32280	99.70000	2.50107	762.29980	978.96000	2.57671	2036.75500
.900	.781	752.72170	1273.00000	426.73780	481.39430	99.70000	2.50070	762.73000	979.04980	2.62824	2036.78999
	GRADIENT	-.00627	-.02880	-.01602	-.01058	-.01461	.00001	-.00670	.07440	-.00612	-.00819

RUN NO. 1475/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	P	PT	Q(PSF)	T(R)	TT(F)	RN/L	PC	PREF	SH10+3	PATM
1.100	-7.044	565.22780	1206.36000	478.46320	451.63720	101.20000	2.49282	575.41990	913.97000	1.78369	2038.33000
1.100	-6.022	564.79030	1206.03999	478.45610	451.57150	101.20000	2.49229	574.98000	914.07980	1.79796	2038.33000
1.100	-5.034	564.49340	1205.71001	478.38160	451.53910	101.20000	2.49168	574.67990	914.17990	1.79845	2038.33000
1.100	-4.040	564.97000	1206.09000	478.41430	451.60720	101.20000	2.49232	575.15990	914.23000	1.80251	2038.33000
1.100	-3.053	564.84810	1206.25000	478.55840	451.56230	101.20000	2.49275	575.03980	914.34990	1.80227	2038.33000
1.100	-2.063	564.91920	1206.17000	478.48100	451.58720	101.20000	2.49253	575.10990	914.40990	1.80239	2038.33000
1.100	-1.075	564.93090	1206.02000	478.38920	451.60570	101.20000	2.49218	575.11990	914.48000	1.80261	2038.33000
1.100	-.072	565.07320	1205.85001	478.23390	451.65650	101.20000	2.49173	575.26000	914.55980	1.80286	2038.29500
1.100	.919	565.12720	1206.41000	478.53830	451.60890	101.20000	2.49298	575.31980	914.62990	1.80666	2038.33000
	GRADIENT	.04248	.00721	-.01259	.00893	-.00000	-.00000	.04241	.07771	.00066	-.00305



IA310 (AEDC 16TF-783) PROBE CALIBRATION

(VCM042) ( 04 OCT 91 )

PARAMETRIC DATA

BETA = -4.000 PHI = 180.000

RUN NO. 1515/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	P	PT	Q(PSF)	T(R)	TT(F)	RN/L	PC	PREF	SH10+3	PATM
1.250	-7.088	462.48560	1197.64000	505.67630	427.43920	101.30000	2.49171	472.60990	864.33980	1.64599	2035.84500
1.250	-6.074	462.59010	1198.39999	506.03860	427.38940	101.30000	2.49327	472.72000	864.36990	1.64920	2035.88000
1.250	-5.081	462.50320	1197.99001	505.84990	427.33200	101.20000	2.49301	472.62990	864.39990	1.65832	2035.88000
1.250	-4.102	462.30400	1197.96001	505.87820	427.28250	101.20000	2.49293	472.42990	864.42990	1.66695	2035.88000
1.250	-3.123	462.51150	1198.25000	505.98000	427.23140	101.10000	2.49413	472.63990	864.42990	1.67518	2035.88000
1.250	-2.146	462.43510	1197.72000	505.72800	427.18920	101.00000	2.49362	472.55980	864.46000	1.67592	2035.88000
1.250	-1.160	462.43330	1198.00000	505.87040	427.08400	100.90000	2.49478	472.55980	864.48000	1.67986	2035.88000
1.251	-.168	462.19260	1198.20000	506.02420	427.00020	100.90000	2.49516	472.31980	864.48000	1.63250	2035.84500
1.252	.828	461.01220	1197.33000	505.84010	426.70070	100.80000	2.49382	471.12990	864.49000	1.63369	2035.88000
GRADIENT		-.21580	-.08779	.00249	-.10762	-.07822	.00025	-.21704	.01363	-.00844	-.00304

RUN NO. 1531/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	P	PT	Q(PSF)	T(R)	TT(F)	RN/L	PC	PREF	SH10+3	PATM
1.400	-7.077	381.93140	1215.24001	523.93550	402.00590	99.89999	2.49986	391.63990	880.63990	1.27906	2035.56500
1.400	-6.066	381.73630	1214.75999	523.72950	401.99270	99.89999	2.49884	391.43990	880.66990	1.27957	2035.56500
1.400	-5.077	381.77320	1215.23000	523.93430	401.95920	99.89999	2.49973	391.48000	880.71000	1.28245	2035.60001
1.400	-4.093	381.72440	1215.10001	523.87840	402.10060	100.10000	2.49827	391.42990	880.70000	1.28258	2035.56500
1.400	-3.113	381.85280	1215.14999	523.89770	402.13450	100.10000	2.49845	391.55980	880.73000	1.28592	2035.60001
1.400	-2.131	381.94290	1214.95000	523.80830	402.18040	100.10000	2.49815	391.64990	880.75000	1.27937	2035.60001
1.400	-1.150	381.77320	1215.23000	523.93430	402.10300	100.10000	2.49854	391.48000	880.74000	1.28922	2035.56500
1.400	-.152	381.76510	1214.92999	523.80320	402.12890	100.10000	2.49799	391.47000	880.74000	1.28954	2035.60001
1.400	.841	381.93160	1215.16000	523.90040	402.15720	100.10000	2.49853	391.63990	880.74000	1.28930	2035.56500
GRADIENT		.01747	-.00234	-.00139	.00547	-.00000	.00001	.01769	.00635	.00157	-.00104

RUN NO. 1549/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	P	PT	Q(PSF)	T(R)	TT(F)	RN/L	PC	PREF	SH10+3	PATM
1.450	-7.130	359.10080	1226.03000	528.20170	394.62570	100.80000	2.49469	368.57980	892.10990	1.38259	2035.11000
1.450	-6.125	358.97270	1226.07001	528.21170	394.58180	100.80000	2.49464	368.45000	892.17990	1.39709	2035.14500
1.451	-5.143	358.61770	1226.06000	528.18920	394.47120	100.80000	2.49429	368.08980	892.26980	1.39710	2035.14500
1.450	-4.169	358.85600	1225.75000	528.07280	394.50420	100.70000	2.49456	368.32980	892.32980	1.39745	2035.17999
1.449	-3.200	358.96630	1225.36000	527.91600	394.57470	100.70000	2.49398	368.43990	892.39990	1.36893	2035.17999
1.450	-2.233	359.14970	1226.13000	528.24560	394.56130	100.70000	2.49551	368.62990	892.47000	1.37166	2035.17999
1.450	-1.257	358.68820	1225.73000	528.05570	394.52370	100.80000	2.49378	368.15990	892.51000	1.38293	2035.17999
1.451	-.263	358.68480	1226.46001	528.35910	394.38500	100.70000	2.49565	368.15990	892.53980	1.38210	2035.14500
1.450	.730	358.88530	1225.78999	528.09080	394.58010	100.80000	2.49407	368.35990	892.56980	1.39012	2035.17999
GRADIENT		-.03384	.09021	.03576	-.00662	.01749	.00002	-.03384	.04834	.00043	-.00307

(VCMO42) ( 04 OCT 91 )

IA310 (AEDC 16TF-783) PROBE CALIBRATION

PARAMETRIC DATA

BETA = -4.000 PHI = 180.000

RUN NO. 1633/ O RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	P	PT	O (PSF)	T (R)	TT (F)	RN/L	PC	PREF	SH10+3	PATM
1.469	-7.127	348.38330	1222.72699	526.13793	390.65700	100.80000	2.49490	357.73000	888.08980	1.39733	2032.97501
1.470	-6.117	347.93210	1222.39276	525.96551	390.46900	100.70000	2.49452	357.26980	888.12990	1.39766	2032.94000
1.470	-5.134	347.90210	1222.46837	525.99416	390.51540	100.80000	2.49415	357.24000	888.12990	1.40115	2032.94000
1.470	-4.160	347.71560	1222.24210	525.88707	390.39870	100.70000	2.49431	357.04980	888.13990	1.40498	2032.97501
1.469	-3.186	348.14970	1222.22964	525.91704	390.55590	100.70000	2.49441	357.49000	888.13990	1.39788	2032.97501
1.470	-2.213	347.78470	1222.36684	525.94389	390.42260	100.70000	2.49434	357.11990	888.16990	1.39767	2032.97501
1.469	-1.239	348.04930	1222.60202	526.06112	390.48830	100.70000	2.49499	357.38990	888.17990	1.39743	2033.00999
1.470	-.244	347.85400	1222.34450	525.93969	390.52370	100.80000	2.49365	357.18990	888.17990	1.39414	2033.00999
1.469	.755	348.34590	1222.33948	525.97729	390.61060	100.70000	2.49478	357.68990	888.18990	1.39778	2032.97501
GRADIENT		.07378	.03071	.01840	.03000	.00871	.00002	.07498	.01104	-.00138	.00401

RUN NO. 1584/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	P	PT	O (PSF)	T (R)	TT (F)	RN/L	PC	PREF	SH10+3	PATM
1.491	-7.114	336.85300	1220.92599	524.31414	386.14650	100.20000	2.49259	346.01980	896.78980	1.67456	2033.88499
1.492	-6.115	336.97630	1222.18315	524.82746	386.02950	100.10000	2.49501	346.14990	896.78980	1.65606	2033.85001
1.492	-5.125	337.92260	1225.87651	526.40610	386.00050	100.10000	2.50257	347.12990	896.82980	1.65950	2033.85001
1.491	-4.150	337.97360	1225.55872	526.28426	386.05810	100.10000	2.50185	347.17990	896.81980	1.65159	2033.85001
1.491	-3.172	337.83760	1224.98190	526.03983	386.11570	100.20000	2.50047	347.03980	896.82980	1.66490	2033.88499
1.492	-2.203	337.43730	1224.59317	525.83943	385.96040	100.10000	2.49975	346.62990	896.82980	1.65701	2033.88499
1.491	-1.228	337.61690	1223.92274	525.59317	386.08060	100.10000	2.49878	346.80980	896.82980	1.65794	2033.85001
1.491	-.228	337.46140	1223.37195	525.35619	386.06620	100.10000	2.49791	346.64990	896.83980	1.66706	2033.88499
1.491	.768	337.33570	1222.92755	525.16507	385.99540	100.00000	2.49761	346.51980	896.82980	1.66765	2033.88499
GRADIENT		-.12019	-.54238	-.22946	-.00994	-.02331	-.00087	-.12460	.00231	.00256	.00405

RUN NO. 1600/ O RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	P	PT	Q (PSF)	T (R)	TT (F)	RN/L	PC	PREF	SH10+3	PATM
1.517	-7.115	326.51170	1228.77863	526.03378	382.72680	101.10000	2.48630	335.50980	904.67990	1.52513	2033.57001
1.517	-6.108	327.21630	1231.77332	527.30158	382.64230	101.00000	2.49257	336.24000	904.73000	1.51373	2033.57001
1.517	-5.125	327.36550	1231.28349	527.13429	382.74290	101.00000	2.49179	336.38990	904.77980	1.51051	2033.60500
1.517	-4.151	327.39160	1232.11636	527.46099	382.67190	101.00000	2.49334	336.41990	904.78980	1.51333	2033.60500
1.517	-3.176	327.55470	1232.95613	527.81180	382.64750	101.00000	2.49505	336.58980	904.83980	1.51617	2033.60500
1.517	-2.202	327.85550	1233.69592	528.14429	382.61110	100.90000	2.49733	336.89990	904.86990	1.51915	2033.60500
1.516	-1.223	328.09110	1233.11989	527.95815	382.69210	100.90000	2.49758	337.13990	904.91990	1.55907	2033.57001
1.517	-.228	327.31400	1231.13582	527.07078	382.59790	100.90000	2.49346	336.33980	904.92990	1.56547	2033.57001
1.516	.769	326.96020	1228.87160	526.13933	382.74800	101.00000	2.48861	335.97000	904.92990	1.56835	2033.57001
GRADIENT		-.07788	-.65051	-.26361	.00916	-.00858	-.00083	-.08128	.02960	.01344	-.00915

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(VCMO42) ( 04 OCT 91 )

PARAMETRIC DATA

BETA = -4.000 PHI = 180.000

RUN NO. 1615/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	P	PT	Q(PSF)	T(R)	TT(F)	RN/L	PC	PREF	SH10+3	PATM
1.541	-7.114	317.62010	1237.26891	527.77395	378.66800	100.90000	2.49317	326.47000	909.52980	1.54793	2033.60500
1.541	-6.114	317.63890	1237.45538	527.84798	378.72560	101.00000	2.49291	326.49000	909.50000	1.54770	2033.60500
1.540	-5.124	317.86380	1237.53862	527.92164	378.79790	101.00000	2.49330	326.72000	909.47000	1.54764	2033.60500
1.541	-4.146	317.65670	1237.95079	528.03848	378.62010	100.90000	2.49437	326.50980	909.45000	1.54707	2033.60500
1.541	-3.176	317.77320	1238.28021	528.18570	378.70480	101.00000	2.49435	326.62990	909.43990	1.54275	2033.60500
1.541	-2.201	317.76290	1238.38271	528.22202	378.61910	100.90000	2.49522	326.61990	909.40990	1.54654	2033.60500
1.541	-1.228	317.75240	1238.66539	528.32714	378.60080	100.90000	2.49548	326.60990	909.38990	1.53834	2033.60500
1.541	-.228	317.93680	1239.06873	528.51456	378.62500	100.90000	2.49647	326.79980	909.35990	1.54178	2033.60500
1.541	.767	318.04420	1239.24199	528.60054	378.72020	101.00000	2.49619	326.90990	909.33980	1.53766	2033.60500
GRADIENT		.07048	.26487	.11355	.00716	.00590	.00046	.07288	-.02360	-.00169	.00000

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(VCMO43) ( 04 OCT 91 )

PARAMETRIC DATA

BETA = -3.000 PHI = 180.000

RUN NO. 1569/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	P	PT	Q(PSF)	T(R)	TT(F)	RN/L	PC	PREF	SH10+3	PATM
.600	-7.115	1252.35201	1596.75999	315.07150	522.51120	100.40000	2.49482	1262.10001	1301.78999	.96023	2034.75999
.600	-6.613	1252.62300	1597.42000	315.40410	522.48190	100.40000	2.49558	1262.38000	1301.83000	.96491	2034.72501
.600	-6.121	1251.99300	1596.46001	315.11430	522.49630	100.40000	2.49472	1261.74001	1301.88000	.97059	2034.72501
.600	-5.631	1252.56900	1597.08000	315.16280	522.50710	100.40000	2.49542	1262.32001	1301.92000	.99348	2034.72501
.599	-5.136	1252.65100	1597.05000	315.07030	522.51980	100.40000	2.49506	1262.39999	1301.94000	.99612	2034.72501
.600	-4.649	1252.22800	1596.86000	315.25730	522.48710	100.40000	2.49558	1261.98000	1302.00999	.99624	2034.72501
.600	-4.162	1252.74699	1597.31000	315.20970	522.50680	100.40000	2.49578	1262.50000	1302.03000	.97008	2034.75999
.600	-3.679	1252.46400	1596.75000	314.97120	522.52560	100.40000	2.49444	1262.21001	1302.09000	.97042	2034.72501
.600	-3.193	1252.17999	1596.71001	315.17040	522.49540	100.40000	2.49513	1261.92999	1302.14000	.97044	2034.72501
.600	-2.714	1252.27200	1596.71001	315.09550	522.50630	100.40000	2.49486	1262.02000	1302.17000	.97044	2034.75999
.600	-2.236	1252.07401	1597.42000	315.85380	522.41650	100.40000	2.49821	1261.84000	1302.19000	.97001	2034.79500
.600	-1.754	1251.51500	1596.82000	315.89180	522.39650	100.40000	2.49793	1261.28000	1302.22000	.97031	2034.75999
.600	-1.276	1252.26801	1596.89000	315.24980	522.48500	100.40000	2.49557	1262.02000	1302.27000	.97033	2034.75999
.599	-.790	1252.67999	1597.10001	315.08790	522.51860	100.40000	2.49516	1262.42999	1302.31000	.97020	2034.72501
.601	-.308	1251.61000	1597.27000	316.10840	522.37520	100.40000	2.49901	1261.38000	1302.35001	.97010	2034.72501
.600	.204	1252.12300	1597.06000	315.51200	522.45580	100.40000	2.49667	1261.88000	1302.36000	.99349	2034.75999
.600	.715	1252.11800	1597.25000	315.67480	522.43750	100.40000	2.49742	1261.88000	1302.41000	.99599	2034.75999
GRADIENT		-.07808	.05528	.11048	-.01449	-.00000	.00045	-.07575	.07472	.00151	.00246

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(VCM043) ( 04 OCT 91 )

PARAMETRIC DATA

BETA = -3.000 PHI = 180.000

RUN NO. 1459/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	P	PT	Q(PSF)	T(R)	TT(F)	RN/L	PC	PREF	SH10+3	PATM
.800	-7.080	879.99220	1340.98000	393.92020	496.11770	99.89999	2.49886	889.88990	1047.20000	7.77270	2038.85500
.800	-6.581	879.98000	1341.11000	394.02470	496.10210	99.89999	2.49928	889.87990	1047.28999	7.75653	2038.82001
.800	-6.086	879.74800	1341.10001	394.17500	496.06570	99.89999	2.49866	889.64990	1047.41000	7.74121	2038.85500
.800	-5.589	879.80100	1340.91000	393.99800	496.09450	99.89999	2.49899	889.70000	1047.50999	7.72697	2038.89000
.800	-5.093	879.71000	1340.95000	394.09010	495.89820	99.70000	2.50042	889.60990	1047.59000	7.63519	2038.85500
.800	-4.602	879.67940	1340.94000	394.10300	496.16040	100.00000	2.49872	889.57990	1047.67999	7.65044	2038.82001
.800	-4.115	879.74680	1341.17000	394.22750	496.05810	99.89999	2.49987	889.64990	1047.77000	7.57345	2038.85500
.800	-3.628	879.56860	1340.94000	394.17850	496.05370	99.89999	2.49949	889.47000	1047.89000	7.55971	2038.85500
.800	-3.141	879.72800	1341.08000	394.17360	496.15330	100.00000	2.49906	889.62990	1047.97000	7.51392	2038.82001
.800	-2.652	879.75000	1340.97000	394.07740	496.16850	100.00000	2.49869	889.64990	1048.03999	7.51454	2038.82001
.800	-2.172	879.77050	1340.96001	394.05620	496.17290	100.00000	2.49862	889.66990	1048.12000	7.45498	2038.82001
.800	-1.683	879.77100	1340.89000	394.00370	496.00290	99.80000	2.49956	889.66990	1048.19000	7.41094	2038.82001
.800	-1.198	879.82840	1341.13000	394.14260	495.98680	99.80000	2.50018	889.73000	1048.27000	7.36541	2038.82001
.800	-.709	879.66460	1341.25000	394.34250	495.94780	99.80000	2.50084	889.56980	1048.35001	7.33542	2038.78500
.800	-.223	879.80930	1341.05000	394.09620	496.16970	100.00000	2.49882	889.71000	1048.41000	7.33653	2038.78500
.800	.286	879.70170	1340.81000	393.99170	496.00020	99.80000	2.49844	889.59990	1048.48000	7.30863	2038.82001
.800	.796	880.02220	1341.00000	393.91430	496.03200	99.80000	2.49944	889.91990	1048.53999	7.23499	2038.82001
GRADIENT		.03566	-.00408	-.02728	-.02049	-.03007	.00010	.03524	.15832	-.07079	-.00701

RUN NO. 1492/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	P	PT	Q(PSF)	T(R)	TT(F)	RN/L	PC	PREF	SH10+3	PATM
.800	-7.086	752.88920	1273.24001	426.80270	481.22680	99.50000	2.50229	762.89990	979.43990	2.46940	2036.72000
.899	-6.578	753.11670	1272.83000	426.38550	481.31250	99.50000	2.50087	763.11990	979.51980	2.45792	2036.68500
.900	-6.086	752.81130	1273.07001	426.73240	481.23100	99.50000	2.50193	762.81980	979.57980	2.44523	2036.72000
.900	-5.594	752.46700	1273.17000	427.00560	481.07100	99.39999	2.50323	762.48000	979.65990	2.39072	2036.72000
.900	-5.099	752.94340	1272.97000	426.58500	481.09370	99.30000	2.50264	762.95000	979.73000	2.42719	2036.72000
.900	-4.605	752.63600	1273.35001	427.02910	480.99660	99.30000	2.50408	762.64990	979.80980	2.42646	2036.72000
.900	-4.123	752.60180	1272.92000	426.75420	481.12280	99.39999	2.50237	762.60990	979.84990	2.40317	2036.72000
.900	-3.634	752.79200	1273.00000	426.69580	481.14890	99.39999	2.50234	762.79980	979.95000	2.34369	2036.72000
.900	-3.146	752.43210	1272.81000	426.77950	481.18970	99.50000	2.50171	762.43990	980.01980	2.37948	2036.72000
.900	-2.659	752.72000	1273.09000	426.80030	481.29810	99.59999	2.50152	762.73000	980.06980	2.37301	2036.68500
.900	-2.174	752.78080	1273.09000	426.76440	481.39530	99.70000	2.50087	762.78980	980.13990	2.35528	2036.68500
.900	-1.693	752.66970	1273.08000	426.82350	481.46220	99.80000	2.50041	762.67990	980.22000	2.33768	2036.68500
.900	-1.209	752.61080	1272.98000	426.79000	481.46220	99.80000	2.50021	762.61990	980.29980	2.32037	2036.64999
.900	-.721	752.95430	1272.91000	426.53740	481.53250	99.80000	2.49957	762.96000	980.37990	2.28015	2036.64999
.900	-.237	752.88280	1272.98000	426.62790	481.59790	99.89999	2.49928	762.88990	980.43990	2.24596	2036.64999
.900	.275	752.96260	1273.03000	426.61470	481.60720	99.89999	2.49931	762.87000	980.48000	2.24024	2036.68500
.900	.785	752.83080	1273.11000	426.74830	481.57420	99.89999	2.49970	762.93980	980.53980	2.19551	2036.68500
GRADIENT		.05868	-.01150	-.04285	.11537	.12017	-.00080	.05814	.14106	-.03845	-.01177

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(VCMO43) ( 04 OCT 91 )

PARAMETRIC DATA

BETA = -3.000 PHI = 180.000

RUN NO. 1476/ O RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	P	PT	Q(PSF)	T(R)	TT(F)	RN/L	PC	PREF	SH10+3	PATM
1.100	-7.037	565.29860	1206.33000	478.42410	451.65670	101.20000	2.49272	575.49000	914.88990	1.82540	2038.29500
1.100	-6.520	564.97830	1206.25000	478.50420	451.59200	101.20000	2.49269	575.16990	914.98000	1.83021	2038.29500
1.100	-6.029	564.86960	1206.11000	478.46560	451.50170	101.10000	2.49300	575.05980	915.01980	1.83983	2038.29500
1.100	-5.526	564.60250	1205.80000	478.39090	451.47390	101.10000	2.49241	574.78980	915.08980	1.84502	2038.25999
1.100	-5.034	564.81130	1205.96001	478.40140	451.50440	101.10000	2.49268	575.00000	915.13990	1.84951	2038.25999
1.102	-4.532	562.26200	1203.47000	477.95830	451.10720	101.00000	2.48876	572.42990	915.21000	1.85809	2038.29500
1.101	-4.038	563.03930	1203.89999	477.90260	451.23930	101.00000	2.48982	573.21000	915.25000	1.85743	2038.29500
1.100	-3.545	564.11280	1204.75000	477.97340	451.39380	101.00000	2.49082	574.28980	915.29980	1.86564	2038.25999
1.100	-3.037	564.69480	1205.61000	478.24390	451.43480	101.00000	2.49252	574.87990	915.34990	1.86908	2038.25999
1.100	-2.557	564.89890	1206.19000	478.50070	451.41920	101.00000	2.49375	575.08980	915.38990	1.87297	2038.25999
1.100	-2.062	564.79910	1206.16000	478.52250	451.31910	100.90000	2.49431	574.99000	915.42990	1.88262	2038.25999
1.100	-1.566	564.99950	1206.17000	478.44920	451.44460	101.00000	2.49365	575.18990	915.46000	1.88260	2038.25999
1.099	-1.079	565.33060	1206.14000	478.30100	451.36210	100.80000	2.49459	575.51980	915.72000	1.83978	2038.22501
1.100	-.581	564.99220	1205.92000	478.30660	451.30830	100.80000	2.49425	575.17990	915.74000	1.84012	2038.22501
1.100	-.094	565.16160	1206.00999	478.29200	451.33740	100.80000	2.49437	575.34990	915.77980	1.84913	2038.22501
1.100	.416	564.84300	1205.78999	478.28980	451.28830	100.80000	2.49402	575.03980	915.80980	1.85926	2038.22501
1.100	.920	564.97920	1206.17999	478.46310	451.27780	100.80000	2.49485	575.16990	915.81980	1.86820	2038.25999
	GRADIENT	.39881	.40318	.07714	.00878	-.04874	.00102	.40222	.12772	-.00161	-.01117

RUN NO. 1516/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	P	PT	Q(PSF)	T(R)	TT(F)	RN/L	PC	PREF	SH10+3	PATM
1.250	-7.066	462.61910	1198.53000	506.09810	426.92680	100.70000	2.49706	472.75000	864.55980	1.63205	2035.84500
1.251	-6.560	462.00540	1197.86000	505.89260	426.75680	100.60000	2.49620	472.12990	864.56980	1.62033	2035.84500
1.250	-6.061	462.18800	1197.42000	505.62990	426.77370	100.50000	2.49592	472.30980	864.57980	1.60422	2035.77499
1.250	-5.570	462.47240	1198.14999	505.93770	426.77440	100.50000	2.49744	472.59990	864.58980	1.60740	2035.77499
1.250	-5.073	462.55130	1198.25000	505.97120	426.78490	100.50000	2.49765	472.67990	864.60990	1.60311	2035.81000
1.250	-4.583	462.40550	1197.70000	505.72440	426.72630	100.40000	2.49710	472.52980	864.60990	1.59970	2035.77499
1.250	-4.095	462.77980	1198.39000	505.99220	426.67850	100.30000	2.49914	472.90990	864.61990	1.59051	2035.77499
1.250	-3.601	462.36600	1197.66000	505.71290	426.64380	100.30000	2.49760	472.49000	864.63990	1.59148	2035.84500
1.250	-3.110	462.77150	1198.14000	505.86720	426.70170	100.30000	2.49863	472.89990	864.62990	1.57851	2035.84500
1.250	-2.627	462.68090	1198.27000	505.95290	426.66480	100.30000	2.49888	472.80980	864.63990	1.56609	2035.84500
1.250	-2.138	462.36670	1197.52000	505.64160	426.65820	100.30000	2.49932	472.49000	864.62990	1.55491	2035.81000
1.250	-1.654	462.81150	1198.10001	505.83810	426.64010	100.20000	2.49914	472.93990	864.64990	1.52613	2035.81000
1.250	-1.167	462.59200	1198.13000	505.90140	426.57930	100.20000	2.49918	472.72000	864.64990	1.53007	2035.81000
1.250	-.673	462.65230	1198.03999	505.84250	426.52810	100.10000	2.49959	472.77980	864.64990	1.52621	2035.81000
1.250	-.189	462.45410	1197.88000	505.80490	426.49220	100.10000	2.49924	472.57980	864.64990	1.52245	2035.81000
1.250	.322	462.49370	1197.92999	505.82150	426.49760	100.10000	2.49935	472.61990	864.64990	1.50661	2035.77499
1.250	.832	462.75150	1198.13000	505.86650	426.54520	100.10000	2.49978	472.87990	864.63990	1.49853	2035.81000
	GRADIENT	.01027	.01277	.00419	-.04150	-.05630	.00036	.01041	.00581	-.01960	-.00104

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(VCM043) ( 04 OCT 91 )

PARAMETRIC DATA

BETA = -3.000 PHI = 180.000

RUN NO. 1532/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	P	PT	Q(PSF)	T(R)	TT(F)	RN/L	PC	PREF	SH10+3	PATM
1.400	-7.064	381.59840	1214.69000	523.70170	401.95780	99.89999	2.49861	391.29980	880.75000	1.26956	2035.56500
1.400	-6.554	381.83230	1215.25999	523.94600	402.04610	100.00000	2.49923	391.53980	880.76000	1.26896	2035.56500
1.400	-6.059	381.96390	1214.75999	523.72490	401.98930	99.80000	2.49960	391.66980	880.76980	1.26948	2035.56500
1.400	-5.563	381.79350	1215.14999	523.89890	401.90110	99.80000	2.50019	391.50000	880.76000	1.26907	2035.53000
1.400	-5.068	381.76610	1214.73000	523.71580	402.07640	100.00000	2.49822	391.47000	880.77980	1.26283	2035.49500
1.400	-4.578	382.02830	1215.53999	524.06470	394.96630	90.09999	2.56005	391.74000	880.76980	1.27537	2035.49500
1.400	-4.085	381.95390	1214.75999	523.72510	402.12990	100.00000	2.49841	391.65990	880.76000	1.28294	2035.53000
1.399	-3.594	381.88790	1214.25000	523.50320	402.01460	99.80000	2.49862	391.58980	880.76000	1.29027	2035.49500
1.400	-3.103	381.80250	1215.27000	523.95120	401.89260	99.80000	2.50042	391.50980	880.75000	1.29599	2035.49500
1.400	-2.616	381.89310	1215.02000	523.84010	401.94340	99.80000	2.50003	391.59990	880.75000	1.29968	2035.46001
1.400	-2.126	381.77470	1214.97000	523.82060	402.05620	100.00000	2.49866	391.48000	880.73000	1.30316	2035.49500
1.399	-1.639	382.25950	1214.92000	523.78860	402.20680	100.00000	2.49892	391.97000	880.73000	1.30321	2035.49500
1.399	-1.150	382.06300	1214.74001	523.71410	402.23660	100.10000	2.49786	391.76980	880.73000	1.30340	2035.46001
1.400	-.660	381.80490	1214.89000	523.78490	402.07280	100.00000	2.49874	391.50980	880.70000	1.29640	2035.46001
1.400	-.174	381.82400	1214.99001	523.82840	402.06910	100.00000	2.49873	391.52980	880.68990	1.29971	2035.46001
1.400	.336	381.90360	1214.92000	523.79610	402.02780	99.89999	2.49926	391.60990	880.70000	1.29978	2035.46001
1.400	.843	381.95120	1215.23000	523.93070	402.01270	99.89999	2.49986	391.65990	880.66990	1.28245	2035.46001
GRADIENT				.00315	.56126	.78390	-.00476	-.00535	-.01740	.00218	-.01021

RUN NO. 1550/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	P	PT	Q(PSF)	T(R)	TT(F)	RN/L	PC	PREF	SH10+3	PATM
1.449	-7.106	359.12130	1225.88000	528.14010	394.64580	100.80000	2.49445	368.59990	892.73000	1.39730	2035.17999
1.450	-6.598	358.71630	1226.03999	528.18600	394.50390	100.80000	2.49435	368.18990	892.76980	1.38620	2035.17999
1.450	-6.106	359.05080	1226.19000	528.26560	394.59520	100.80000	2.49493	368.52980	892.82980	1.40061	2035.17999
1.449	-5.614	358.96680	1225.27000	527.87870	394.58300	100.70000	2.49382	368.43990	892.84990	1.40166	2035.21500
1.450	-5.123	358.81450	1226.10001	528.21610	394.59960	100.90000	2.49395	368.28980	892.87990	1.40071	2035.17999
1.449	-4.630	359.19900	1226.10001	528.23560	394.64990	100.80000	2.49491	368.67990	892.89990	1.40071	2035.17999
1.450	-4.150	358.85420	1226.06000	528.20140	394.47510	100.70000	2.49511	368.32980	892.92990	1.42289	2035.21500
1.450	-3.665	359.00270	1225.95000	528.16330	394.60210	100.80000	2.49446	368.48000	892.95000	1.43047	2035.25000
1.450	-3.178	358.70970	1225.39000	527.91550	394.56150	100.80000	2.49451	368.17990	892.98000	1.42981	2035.17999
1.450	-2.698	359.04910	1226.52000	528.40280	394.56420	100.80000	2.49511	368.52980	893.00000	1.42658	2035.17999
1.450	-2.219	358.64700	1226.09000	528.20310	394.47750	100.80000	2.49437	368.11990	893.01980	1.42289	2035.21500
1.450	-1.734	358.99050	1226.39999	528.34990	394.55690	100.80000	2.49524	368.47000	893.04980	1.42658	2035.17999
1.450	-1.255	358.86430	1226.03000	528.18950	394.55130	100.80000	2.49547	368.33980	893.05980	1.42552	2035.17999
1.450	-.772	358.66870	1225.73000	528.05470	394.51730	100.80000	2.49376	368.13990	893.05980	1.41521	2035.17999
1.450	-.288	358.91280	1226.14999	528.24190	394.55570	100.80000	2.49473	368.38990	893.08980	1.39335	2035.21500
1.451	.225	358.60820	1226.02000	528.17210	394.47170	100.80000	2.49421	368.07980	893.09990	1.39715	2035.21500
1.450	.732	358.93360	1225.99001	528.17650	394.57670	100.80000	2.49447	368.40990	893.11990	1.39353	2035.17999
GRADIENT				-.00434	-.00961	.00647	-.00008	-.04500	.03984	-.00435	-.00232

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(VCM043) ( 04 OCT 91 )

PARAMETRIC DATA

BETA = -3.000 PHI = 180.000

RUN NO. 1634/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	P	PT	Q(PSF)	T(R)	TT(F)	RN/L	PC	PREF	SH10+3	PATM
1.469	-7.100	347.98070	1221.62093	525.65473	390.54250	100.80000	2.49420	357.31980	888.26980	1.44576	2032.97501
1.469	-6.593	347.87230	1221.67984	525.67008	390.43160	100.70000	2.49480	357.21000	888.26980	1.44568	2032.97501
1.470	-6.099	347.73490	1221.72858	525.67869	390.39480	100.70000	2.49451	357.06980	888.26980	1.43825	2032.94000
1.469	-5.607	348.10890	1221.88538	525.77285	390.58620	100.80000	2.49428	357.45000	888.27980	1.43079	2032.90500
1.469	-5.111	347.94240	1221.82144	525.73338	390.48050	100.70000	2.49437	357.27980	888.30980	1.42356	2032.90500
1.469	-4.624	348.05180	1221.61565	525.65870	390.60500	100.80000	2.49351	357.38990	888.30980	1.42381	2032.90500
1.470	-4.135	347.78610	1222.45058	525.97770	390.52270	100.80000	2.49318	357.11990	888.31980	1.37628	2032.94000
1.469	-3.649	347.77540	1222.64548	526.05606	390.61010	100.80000	2.49351	357.10990	888.33980	1.37605	2032.94000
1.469	-3.165	348.19730	1222.97888	526.22602	390.61010	100.80000	2.49446	357.53980	888.33980	1.37573	2032.94000
1.469	-2.682	348.23730	1222.83630	526.17149	390.56670	100.70000	2.49484	357.57980	888.33980	1.37590	2032.90500
1.469	-2.199	348.00200	1222.51646	526.02243	390.57540	100.80000	2.49372	357.33980	888.34990	1.38330	2032.90500
1.469	-1.719	348.04980	1222.72865	526.11226	390.49580	100.70000	2.49485	357.38990	888.35990	1.38660	2032.87000
1.469	-1.235	348.19650	1222.82405	526.16312	390.59890	100.80000	2.49466	357.53980	888.36990	1.39007	2032.87000
1.470	-.749	347.99070	1222.64410	526.07270	390.47780	100.70000	2.49477	357.32980	888.35990	1.39025	2032.83501
1.471	-.267	347.53690	1222.82895	526.11166	390.31050	100.70000	2.49470	356.86990	888.37990	1.38998	2032.83501
1.469	.244	348.01050	1222.50935	526.01973	390.55370	100.80000	2.49419	357.34990	888.37990	1.39754	2032.80000
1.469	.756	347.93140	1222.28455	525.92163	390.52290	100.80000	2.49421	357.26980	888.37990	1.41215	2032.80000
GRADIENT		-.01493	.05442	.02097	-.01858	-.00707	.00020	-.01471	.01286	.00203	-.02746

RUN NO. 1585/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	P	PT	Q(PSF)	T(R)	TT(F)	RN/L	PC	PREF	SH10+3	PATM
1.491	-7.089	337.45190	1223.14885	525.26659	386.06470	100.10000	2.49786	346.63990	896.84990	1.68001	2033.92000
1.491	-6.585	337.43210	1223.23499	525.29945	386.05660	100.10000	2.49787	346.61990	896.84990	1.67567	2033.92000
1.492	-6.093	337.43970	1223.71109	525.48865	385.87840	99.89999	2.49989	346.62990	896.84990	1.67502	2033.88499
1.491	-5.601	337.58720	1223.78856	525.53632	385.92650	99.89999	2.50006	346.77980	896.83980	1.67071	2033.85001
1.491	-5.108	337.47140	1223.35271	525.34942	385.93330	99.89999	2.49908	346.65990	896.85990	1.66709	2033.85001
1.491	-4.614	337.60720	1223.77792	525.53452	385.94020	99.89999	2.49995	346.79980	896.84990	1.66652	2033.85001
1.491	-4.132	337.39990	1223.99152	525.59615	385.99000	100.10000	2.49891	346.58980	896.86990	1.66621	2033.88499
1.491	-3.646	337.43240	1223.34023	525.34057	386.05930	100.10000	2.49782	346.61990	896.86990	1.66710	2033.85001
1.491	-3.156	337.84080	1224.19171	525.72558	385.97460	99.89999	2.50102	347.03980	896.86990	1.67018	2033.81500
1.491	-2.672	337.62870	1223.29582	525.34502	385.98460	99.89999	2.49926	346.81980	896.86990	1.67139	2033.78000
1.491	-2.191	337.54000	1223.34941	525.35584	386.08840	100.10000	2.49807	346.73000	896.86990	1.67130	2033.78000
1.491	-1.708	337.65580	1224.16805	525.69507	386.01440	100.00000	2.49962	346.84990	896.86990	1.64927	2033.81500
1.492	-1.224	337.48970	1223.84216	525.54648	385.98240	100.00000	2.49900	346.67990	896.86990	1.65386	2033.78000
1.491	-.736	337.45190	1223.58958	525.44148	385.99850	100.00000	2.49841	346.63990	896.86990	1.65003	2033.78000
1.491	-.252	337.58720	1223.99980	525.62035	385.99460	100.00000	2.49948	346.77980	896.86990	1.65783	2033.78000
1.491	.260	337.77390	1223.98306	525.63423	385.98930	99.89999	2.50025	346.97000	896.86990	1.65787	2033.78000
1.491	.772	337.63670	1223.88461	525.57999	386.02150	100.00000	2.49934	346.82980	896.86990	1.65799	2033.74500
GRADIENT		.01830	.03707	.01671	.00338	-.00509	.00003	.01862	.00157	-.00292	-.01965

(VCMO43) ( 04 OCT 91 )

PARAMETRIC DATA

BETA = -3.000 PHI = 180.000

RUN NO. 1601/ O RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	P	PT	O(PSF)	T(R)	TT(F)	RN/L	PC	PREF	SH10+3	PATM
1.516	-7.094	327.09330	1229.80354	526.52112	382.63110	100.90000	2.49114	336.10990	905.02980	1.57514	2033.57001
1.516	-6.586	326.96730	1229.42776	526.35607	382.62160	100.90000	2.49037	335.98000	905.04980	1.57561	2033.57001
1.516	-6.094	327.26000	1229.80402	526.54685	382.68850	100.90000	2.49132	336.27980	905.06980	1.57516	2033.60500
1.517	-5.600	327.46900	1231.58334	527.26837	382.60570	100.90000	2.49449	336.50000	905.08980	1.56889	2033.60500
1.517	-5.109	327.39750	1232.38297	527.56699	382.51950	100.90000	2.49558	336.42990	905.10990	1.55991	2033.60500
1.517	-4.619	327.58540	1232.06458	527.47201	382.61820	100.90000	2.49514	336.61990	905.11990	1.55639	2033.60500
1.517	-4.132	327.41020	1231.53712	527.24150	382.58420	100.90000	2.49445	336.43990	905.13990	1.57438	2033.64000
1.517	-3.646	327.18900	1230.39970	526.76690	382.61040	100.90000	2.49227	336.21000	905.14990	1.57556	2033.64000
1.516	-3.155	327.15330	1229.48915	526.40803	382.68020	100.90000	2.49067	336.16990	905.15990	1.58468	2033.64000
1.516	-2.672	326.83280	1228.60210	526.01660	382.63890	100.90000	2.48901	335.83980	905.16990	1.58117	2033.64000
1.517	-2.189	326.54030	1228.18723	525.81058	382.58060	100.90000	2.48789	335.53980	905.16990	1.58117	2033.64000
1.517	-1.706	326.91750	1229.55789	526.39928	382.58740	100.90000	2.49064	335.92990	905.16990	1.57943	2033.67500
1.516	-1.222	327.50050	1230.94379	527.02475	382.66360	100.90000	2.49363	336.52980	905.17990	1.57772	2033.71001
1.517	-0.736	327.27540	1230.68179	526.88969	382.59890	100.90000	2.49314	336.29980	905.22000	1.58605	2033.67500
1.516	-0.252	327.31790	1229.83841	526.56922	382.68410	100.90000	2.49185	336.33980	905.23000	1.59119	2033.67500
1.517	.260	326.77100	1229.24637	526.25714	382.54880	100.90000	2.49025	335.77980	905.22000	1.59189	2033.71001
1.517	.772	326.63620	1228.49854	525.94646	382.56450	100.90000	2.48893	335.63990	905.24000	1.59689	2033.78000
GRADIENT		.08875	.35549	.15113	.00524	.00000	.00058	.09165	.02122	.00548	.02537

RUN NO. 1616/ O RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	P	PT	Q(PSF)	T(R)	TT(F)	RN/L	PC	PREF	SH10+3	PATM
1.541	-7.093	317.98660	1238.93352	528.47301	378.72750	101.00000	2.49560	326.84990	909.28980	1.53805	2033.60500
1.541	-6.587	318.09300	1239.23802	528.60780	378.73270	101.00000	2.49634	326.96000	909.26980	1.54159	2033.64000
1.541	-6.093	317.95650	1239.07178	528.51962	378.63160	100.90000	2.49650	326.81980	909.25000	1.54178	2033.64000
1.541	-5.601	317.74100	1239.07706	528.47992	378.62230	101.00000	2.49567	326.59990	909.21000	1.54173	2033.64000
1.541	-5.110	317.72360	1238.44427	528.23750	378.66720	101.00000	2.49468	326.57980	909.21000	1.54645	2033.64000
1.542	-4.618	317.56640	1238.56445	528.25372	378.60080	101.00000	2.49471	326.41990	909.18990	1.54627	2033.60500
1.541	-4.127	317.78320	1238.15404	528.13943	378.71440	101.00000	2.49425	326.63990	909.15990	1.54684	2033.57001
1.541	-3.644	317.71530	1237.98888	528.06433	378.70480	101.00000	2.49390	326.56980	909.12990	1.54703	2033.60500
1.541	-3.155	317.62870	1237.65866	527.92339	378.70900	101.00000	2.49314	326.48000	909.11990	1.54351	2033.60500
1.541	-2.672	317.55200	1237.25281	527.75483	378.72360	101.00000	2.49226	326.39990	909.09990	1.54010	2033.64000
1.541	-2.187	317.32860	1236.68468	527.49809	378.68970	101.00000	2.49115	326.16990	909.06980	1.54470	2033.60500
1.541	-1.707	317.53470	1236.65094	527.52418	378.77120	101.00000	2.49122	326.37990	909.03980	1.54086	2033.60500
1.541	-1.220	317.25270	1236.11453	527.26851	378.71900	101.00000	2.49000	326.36990	909.02980	1.54149	2033.60500
1.541	-0.734	317.19460	1235.88118	527.16969	378.71390	101.00000	2.48964	326.02980	909.00000	1.54570	2033.60500
1.541	-0.250	317.02910	1235.65472	527.05219	378.68070	101.00000	2.48897	325.85990	908.98000	1.54203	2033.60500
1.541	.259	317.15670	1235.55855	527.03992	378.73460	101.00000	2.48895	325.99000	908.98000	1.54218	2033.60500
1.541	.770	316.98190	1235.23383	526.88393	378.70700	101.00000	2.48810	325.80980	908.93990	1.53865	2033.57001
GRADIENT		.14149	.63553	.26698	.00911	.00000	.00128	.14698	.04488	.00107	.00130



IA310 (AEDC 16TF-783) PROBE CALIBRATION

(VCMO44) ( 04 OCT 91 )

PARAMETRIC DATA

BETA = -2.500 PHI = 180.000

RUN NO. 1570/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	P	PT	Q(PSF)	T(R)	TT(F)	RN/L	PC	PREF	SH10+3	PATM
.599	-7.098	1252.99500	1597.11000	314.83810	522.55520	100.40000	2.49427	1262.74001	1302.49001	.98825	2034.79500
.599	-6.592	1252.57401	1596.35001	314.54490	522.57590	100.40000	2.49256	1262.31000	1302.53000	.98612	2034.79500
.599	-6.103	1252.83701	1597.37000	315.18630	522.51200	100.40000	2.49575	1262.59000	1302.57001	.98290	2034.75999
.599	-5.605	1252.77800	1596.78999	314.74710	522.55930	100.40000	2.49366	1262.52000	1302.58000	.98067	2034.72501
.599	-5.117	1252.67900	1597.17000	315.14820	522.51200	100.40000	2.49544	1262.42999	1302.64000	.96506	2034.75999
.599	-4.631	1252.45399	1596.72000	314.95360	522.43410	100.30000	2.49492	1262.20000	1302.66000	.96533	2034.75999
.600	-4.147	1252.50200	1597.36000	315.45260	522.47310	100.40000	2.49671	1262.25999	1302.70000	.96749	2034.79500
.600	-3.656	1252.42500	1597.17000	315.35640	522.48170	100.40000	2.49620	1262.17999	1302.72000	.98302	2034.75999
.599	-3.174	1252.68300	1596.96001	314.96830	522.53200	100.40000	2.49461	1262.42999	1302.78999	.98574	2034.75999
.600	-2.697	1252.48399	1597.28000	315.40090	522.38500	100.30000	2.49702	1262.24001	1302.80000	.98814	2034.72501
.600	-2.219	1252.31200	1596.71001	315.06230	522.41800	100.30000	2.49531	1262.06000	1302.83000	.98850	2034.72501
.600	-1.743	1252.13499	1597.45000	315.82960	522.32760	100.30000	2.49872	1261.89999	1302.87000	.98850	2034.72501
.599	-1.267	1252.23399	1597.05000	315.41190	522.47000	100.40000	2.49630	1261.99001	1302.89000	.99089	2034.72501
.600	-0.789	1252.15601	1596.45000	314.97240	522.51680	100.40000	2.49420	1261.89999	1302.92000	.99387	2034.75999
.600	-0.311	1252.13901	1597.23000	315.64110	522.34860	100.30000	2.49785	1261.89999	1302.94000	.99601	2034.72501
.600	.200	1252.44501	1597.16000	315.33130	522.39160	100.30000	2.49667	1262.20000	1302.99001	.99605	2034.72501
.600	.717	1252.59700	1597.22000	315.25760	522.40410	100.30000	2.49645	1262.35001	1303.02000	.99863	2034.72501
GRADIENT		.03185	.01209	.03636	.01380	.00946	.00020	-.03116	.06567	.00552	-.00914

RUN NO. 1460/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	P	PT	Q(PSF)	T(R)	TT(F)	RN/L	PC	PREF	SH10+3	PATM
.800	-7.069	879.82670	1341.21001	394.20260	496.06690	99.89999	2.49985	889.73000	1048.89999	7.14761	2038.75000
.800	-6.563	879.72750	1341.10001	394.18870	496.23970	100.10000	2.49855	889.62990	1048.99001	7.09123	2038.78500
.800	-6.066	879.99540	1340.78000	393.77000	496.31690	100.10000	2.49710	889.88990	1049.08000	7.09295	2038.75000
.800	-5.573	879.74800	1341.08000	394.15990	496.06790	99.89999	2.49960	889.64990	1049.17999	7.04888	2038.78500
.800	-5.085	879.82130	1340.92000	393.99170	496.18530	100.00000	2.49841	889.72000	1049.22000	7.02155	2038.75000
.800	-4.594	879.66630	1341.14000	394.26000	496.13720	100.00000	2.49935	889.56980	1049.32001	6.99232	2038.78500
.800	-4.100	879.74020	1340.95000	394.06930	496.08030	99.89999	2.49922	889.63990	1049.39000	6.95139	2038.78500
.800	-3.613	879.72140	1340.85001	394.00810	496.17650	100.00000	2.49837	889.61990	1049.47000	6.93800	2038.75000
.800	-3.126	879.73850	1341.03000	394.12940	496.16040	100.00000	2.49889	889.63990	1049.53000	6.90929	2038.75000
.800	-2.638	879.68850	1341.03000	394.16360	496.15230	100.00000	2.49898	889.58980	1049.61000	6.86782	2038.75000
.800	-2.158	879.71950	1340.97000	394.09810	496.16360	100.00000	2.49874	889.61990	1049.67000	6.88193	2038.75000
.800	-1.675	879.76900	1341.03999	394.11620	496.16430	100.00000	2.49887	889.66990	1049.73000	6.84026	2038.71500
.800	-1.194	879.76980	1340.99001	394.07890	496.16970	100.00000	2.49871	889.66990	1049.80000	6.79943	2038.71500
.800	-.709	879.75170	1340.86000	393.99490	496.18040	100.00000	2.49835	889.64990	1049.85001	6.73212	2038.75000
.800	-.229	879.63700	1341.08000	394.23540	496.22730	100.10000	2.49865	889.53980	1049.92000	6.63689	2038.75000
.800	.283	879.84890	1341.10001	394.10620	496.25930	100.10000	2.49833	889.75000	1049.98000	6.59683	2038.71500
.800	.797	879.83010	1341.00999	394.05250	496.26590	100.10000	2.49809	889.73000	1050.02000	6.55754	2038.75000
GRADIENT		.01842	.00450	.00920	.02540	.02586	-.00017	.01830	.13194	-.08054	-.00831

(VCM044) ( 04 OCT 91 )

PARAMETRIC DATA

BETA = -2.500 PHI = 180.000

RUN NO. 1493/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	P	PT	Q(PSF)	T(R)	TT(F)	RN/L	PC	PREF	SH10+3	PATM
.900	-7.073	752.74800	1273.25000	426.89360	481.63010	100.00000	2.49961	762.76000	980.82980	2.14609	2036.64999
.900	-6.565	752.86250	1273.00000	426.65380	481.67820	100.00000	2.49878	762.86990	980.87990	2.15193	2036.68500
.899	-6.070	753.30570	1273.02000	426.40380	481.84300	100.10000	2.49768	763.30980	980.93990	2.14648	2036.68500
.900	-5.578	752.73240	1272.94000	426.68990	481.74680	100.10000	2.49821	762.74000	980.98000	2.14121	2036.64999
.900	-5.088	752.63110	1272.95000	426.75710	481.81320	100.20000	2.49779	762.63990	981.04980	2.14660	2036.64999
.900	-4.596	753.00150	1273.14999	426.67410	481.85940	100.20000	2.49786	763.01000	981.12990	2.13009	2036.64999
.900	-4.106	752.90600	1272.78000	426.47680	481.88210	100.20000	2.49697	762.90990	981.15990	2.11999	2036.64999
.900	-3.618	752.52080	1272.94000	426.81590	481.79420	100.20000	2.49791	762.52980	981.22000	2.10375	2036.64999
.900	-3.129	752.57320	1272.97000	426.67480	481.90720	100.30000	2.49683	762.57980	981.27980	2.08814	2036.64999
.900	-2.645	752.64140	1272.97000	426.76490	481.89920	100.30000	2.49726	762.64990	981.33980	2.07730	2036.64999
.900	-2.163	752.93190	1273.07001	426.66040	481.94140	100.30000	2.49715	762.93990	981.37990	2.05106	2036.68500
.900	-1.685	752.50760	1273.14999	426.96800	481.85520	100.30000	2.49793	762.51980	981.42990	2.04575	2036.64999
.900	-1.202	752.66460	1272.73000	426.58590	482.01540	100.40000	2.49600	762.66990	981.50000	2.04126	2036.64999
.900	-.722	752.76150	1273.02000	426.72800	482.00170	100.40000	2.49666	762.76980	981.54980	2.04079	2036.61501
.900	-.241	752.67160	1272.95000	426.73290	481.99290	100.40000	2.49659	762.67990	981.58980	2.01524	2036.61501
.900	.270	752.93330	1272.98000	426.59790	482.03760	100.40000	2.49633	762.93990	981.62990	2.00501	2036.64999
.900	.787	752.94210	1273.07001	426.65450	482.02930	100.40000	2.49656	762.95000	981.68990	1.99980	2036.64999
GRADIENT		.00912	.01119	.00226	.03877	.04451	-.00024	.00923	.10680	-.02471	-.00325

RUN NO. 1477/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	P	PT	Q(PSF)	T(R)	TT(F)	RN/L	PC	PREF	SH10+3	PATM
1.100	-7.032	565.22070	1206.09000	478.31520	451.26200	100.70000	2.49511	575.40990	915.97000	1.92652	2038.22501
1.100	-6.521	564.99980	1206.14000	478.43160	451.28660	100.80000	2.49475	575.18990	915.99000	1.90686	2038.19000
1.100	-6.020	564.84990	1206.08000	478.45580	451.17850	100.70000	2.49526	575.03980	916.04980	1.88757	2038.19000
1.100	-5.523	564.74070	1205.99001	478.44680	451.16310	100.70000	2.49511	574.92990	916.05980	1.84001	2038.19000
1.100	-5.026	564.79960	1206.10001	478.48730	451.16480	100.70000	2.49533	574.99000	916.07980	1.81176	2038.19000
1.100	-4.534	564.93310	1205.81000	478.26590	451.22610	100.70000	2.49460	575.11990	916.10990	1.77081	2038.19000
1.100	-4.035	564.77150	1205.92000	478.39380	451.17750	100.70000	2.49493	574.96000	916.14990	1.73459	2038.19000
1.100	-3.535	564.82010	1206.05000	478.45020	451.17480	100.70000	2.49521	575.01000	916.14990	1.71222	2038.19000
1.100	-3.035	564.97020	1206.07001	478.40260	451.20680	100.70000	2.49511	575.15990	916.22000	1.69900	2038.15500
1.100	-2.549	564.97070	1206.03999	478.38480	451.21020	100.70000	2.49511	575.15990	916.25000	1.60515	2038.19000
1.100	-2.058	565.08060	1206.09000	478.37060	451.14940	100.60000	2.49576	575.26980	916.26980	1.60925	2038.22501
1.100	-1.566	564.77860	1206.17000	478.53640	451.07200	100.60000	2.49608	574.97000	916.28980	1.61750	2038.19000
1.100	-1.077	564.99000	1206.11000	478.41800	451.12670	100.60000	2.49585	575.17990	916.31980	1.64288	2038.19000
1.100	-.583	565.00150	1205.99001	478.34370	451.06150	100.50000	2.49615	575.18990	916.34990	1.67302	2038.19000
1.100	-.099	565.06050	1206.08000	478.37280	451.06540	100.50000	2.49632	575.25000	916.37990	1.74780	2038.22501
1.100	.414	564.93020	1206.07001	478.41820	451.03660	100.50000	2.49636	575.11990	916.39990	1.75231	2038.19000
1.100	.921	565.01120	1206.00000	478.34570	451.06270	100.50000	2.49617	575.20000	916.39990	1.75693	2038.19000
GRADIENT		.02744	.02505	.00374	-.03456	-.04738	.00032	.02764	.05610	.00176	.00269

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( VCM044 ) ( 04 OCT 91 )

PARAMETRIC DATA

BETA = -2.500 PHI = 180.000

RUN NO. 1517/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	P	PT	Q(PSF)	T(R)	TT(F)	RN/L	PC	PREF	SH10+3	PATM
1.250	-7.059	462.66360	1197.85001	505.74390	426.39790	99.89999	2.50038	472.78980	864.64990	1.50671	2035.77499
1.250	-6.549	462.52390	1197.89000	505.79470	426.35720	99.89999	2.50044	472.64990	864.65990	1.54637	2035.81000
1.250	-6.056	462.53340	1197.92999	505.81270	426.50810	100.10000	2.49935	472.65990	864.64990	1.47937	2035.77499
1.250	-5.559	462.58450	1197.80000	505.73580	426.38230	99.89999	2.50027	472.71000	864.64990	1.46417	2035.77499
1.250	-5.062	462.37720	1197.46001	505.60890	426.28610	99.80000	2.50014	472.50000	864.65990	1.44181	2035.77499
1.250	-4.571	462.70000	1198.39000	506.00950	426.42900	100.00000	2.50090	472.82980	864.64990	1.44069	2035.77499
1.250	-4.078	462.67260	1198.00000	505.81790	426.46140	100.00000	2.50010	472.79980	864.63990	1.42990	2035.74001
1.250	-3.587	462.37570	1197.70000	505.73100	426.26120	99.80000	2.50063	472.50000	864.63990	1.48352	2035.77499
1.250	-3.101	462.63380	1197.86000	505.75540	426.46530	100.00000	2.49981	472.75980	864.64990	1.47946	2035.74001
1.250	-2.615	462.71090	1198.25999	505.94140	426.44510	100.00000	2.50063	472.83980	864.62990	1.47511	2035.74001
1.250	-2.128	462.45410	1197.87000	505.79980	426.34080	99.89999	2.50039	472.57980	864.62990	1.46791	2035.81000
1.250	-1.645	462.42480	1197.78999	505.76560	426.41750	100.00000	2.49964	472.54980	864.62990	1.45656	2035.74001
1.250	-1.159	462.85720	1198.72000	506.14230	426.20830	99.70000	2.50336	472.99000	864.61990	1.44784	2035.74001
1.250	-.679	462.61350	1197.88000	505.77000	426.22950	99.70000	2.50161	472.74000	864.62990	1.43754	2035.74001
1.250	-.193	462.59570	1197.60001	505.63210	426.48190	100.00000	2.49927	472.72000	864.60990	1.43038	2035.74001
1.250	.318	462.65060	1198.32001	505.98490	426.34690	99.89999	2.50134	472.77980	864.59990	1.41834	2035.74001
1.249	.832	462.69700	1197.35001	505.48290	426.45780	99.89999	2.49937	472.81980	864.59990	1.41578	2035.74001
GRADIENT		.01159	-.05670	-.03131	-.00691	-.02068	.00001	.01127	-.00897	-.00754	-.00500

RUN NO. 1533/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	P	PT	Q(PSF)	T(R)	TT(F)	RN/L	PC	PREF	SH10+3	PATM
1.400	-7.053	381.95120	1215.20000	523.91750	402.15940	100.10000	2.49861	391.65990	880.62990	1.27237	2035.42500
1.400	-6.544	381.77470	1215.00000	523.83370	402.12520	100.10000	2.49812	391.48000	880.62990	1.27258	2035.42500
1.400	-6.050	381.87230	1215.16000	523.90160	402.13940	100.10000	2.49848	391.57980	880.61990	1.26572	2035.39000
1.400	-5.553	381.98320	1214.85001	523.76390	402.20210	100.10000	2.49800	391.68990	880.61990	1.28963	2035.42500
1.400	-5.060	381.99290	1214.89999	523.78560	402.20020	100.10000	2.49810	391.70000	880.60990	1.28957	2035.39000
1.400	-4.564	381.86250	1215.16000	523.90190	402.13650	100.10000	2.49848	391.56980	880.61990	1.27241	2035.42500
1.400	-4.076	381.70730	1214.64999	523.68190	402.13790	100.10000	2.49743	391.40990	880.59990	1.27968	2035.39000
1.400	-3.582	381.96070	1215.30000	523.96120	402.15280	100.10000	2.49880	391.66990	880.57980	1.28237	2035.39000
1.400	-3.092	381.84370	1215.00999	523.83670	402.14500	100.10000	2.49819	391.54980	880.57980	1.29969	2035.35500
1.400	-2.605	381.99150	1215.08000	523.86430	402.03910	99.89999	2.49962	391.70000	880.56980	1.29961	2035.35500
1.400	-2.118	381.78760	1214.46001	523.59720	402.18020	100.10000	2.49714	391.49000	880.53980	1.30028	2035.39000
1.400	-1.634	381.96000	1215.39999	524.00490	402.14310	100.10000	2.49899	391.66990	880.52980	1.29927	2035.35500
1.400	-1.148	381.62700	1214.86000	523.77540	402.09400	100.10000	2.49776	391.32980	880.51980	1.28622	2035.35500
1.400	-.662	381.97390	1214.75000	523.72020	402.13700	100.00000	2.49841	391.67990	880.51980	1.28634	2035.35500
1.400	-.177	381.93240	1215.07001	523.86110	402.09420	100.00000	2.49896	391.63990	880.50000	1.30305	2035.35500
1.400	.333	381.91330	1214.91000	523.79130	402.10350	100.00000	2.49865	391.61990	880.50000	1.30666	2035.35500
1.400	.845	381.77370	1215.11000	523.88180	402.04270	100.00000	2.49891	391.48000	880.47000	1.30644	2035.39000
GRADIENT		.00284	-.00585	-.00264	-.01193	-.01858	.00010	.00287	-.02548	.00468	-.00699

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(VCMO44) ( 04 OCT 91 )

PARAMETRIC DATA

BETA = -2.500 PHI = 180.000

RUN NO. 1551/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	P	PT	Q(PSF)	T(R)	TT(F)	RN/L	PC	PREF	SH10+3	PATM
1.450	-7.083	358.81570	1225.89000	528.12870	394.54880	100.80000	2.49418	368.28980	893.16990	1.40095	2035.21500
1.450	-6.580	358.84450	1226.00999	528.18020	394.54690	100.80000	2.49442	368.31980	893.18990	1.40082	2035.17999
1.451	-6.087	358.72460	1226.36000	528.31960	394.47710	100.80000	2.49492	368.20000	893.18990	1.40408	2035.21500
1.450	-5.596	358.99460	1225.60001	528.01730	394.63180	100.80000	2.49384	368.47000	893.23000	1.41601	2035.25000
1.450	-5.106	358.90160	1226.44000	528.36180	394.52540	100.80000	2.49523	368.37990	893.24000	1.41874	2035.21500
1.450	-4.616	358.87480	1225.92999	528.14840	394.56370	100.80000	2.49431	368.34990	893.25000	1.38633	2035.21500
1.450	-4.127	358.92290	1226.17000	528.25070	394.55690	100.80000	2.49477	368.39990	893.26980	1.43022	2035.25000
1.450	-3.640	358.96090	1226.39000	528.34420	394.54860	100.80000	2.49519	368.43990	893.26980	1.38943	2035.17999
1.449	-3.158	359.24780	1225.78999	528.27150	394.72850	100.90000	2.49450	368.73000	893.28980	1.38604	2035.21500
1.449	-2.676	359.18160	1225.66000	528.05150	394.75540	100.90000	2.49353	368.65990	893.27980	1.38663	2035.25000
1.450	-2.202	358.70780	1225.78999	528.42650	394.59470	100.90000	2.49331	368.17990	893.28980	1.39012	2035.25000
1.450	-1.726	359.10790	1226.57001	528.48500	394.64870	100.90000	2.49505	368.58980	893.31980	1.39287	2035.21500
1.450	-1.249	358.75660	1225.89999	528.12990	394.59990	100.90000	2.49355	368.23000	893.31980	1.38999	2035.21500
1.450	-.769	358.69920	1225.57001	527.98970	394.61210	100.90000	2.49291	368.16990	893.34990	1.39037	2035.25000
1.450	-.291	358.87430	1225.99001	528.17330	394.62870	100.90000	2.49382	368.34990	893.33980	1.38263	2035.25000
1.450	.220	359.07100	1226.10001	528.22920	394.75070	101.00000	2.49360	368.54980	893.34990	1.38251	2035.21500
1.450	.736	358.69900	1225.59000	527.99800	394.61040	100.90000	2.49295	368.16990	893.35990	1.39035	2035.25000
GRADIENT		-.03482	-.06334	-.02812	.01323	.02604	-.00030	-.03567	.02074	-.00288	.00431

RUN NO. 1635/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	P	PT	Q(PSF)	T(R)	TT(F)	RN/L	PC	PREF	SH10+3	PATM
1.470	-7.080	347.59910	1221.73816	525.67207	390.38750	100.70000	2.49368	356.92990	888.37990	1.41636	2032.80000
1.469	-6.577	348.01950	1222.32295	525.94401	390.54220	100.80000	2.49448	357.35990	888.41990	1.41573	2032.80000
1.469	-6.086	347.96970	1222.37643	525.96187	390.58420	100.90000	2.49406	357.30980	888.40990	1.41928	2032.76500
1.469	-5.591	348.20510	1222.61768	526.07872	390.57640	100.80000	2.49516	357.54980	888.41990	1.41541	2032.80000
1.469	-5.097	348.22610	1222.18488	525.90399	390.61040	100.80000	2.49466	357.56980	888.42990	1.42317	2032.73000
1.470	-4.609	347.66550	1222.19788	525.86414	390.43680	100.80000	2.49395	357.00000	888.45000	1.41583	2032.73000
1.468	-4.120	348.38570	1222.11664	525.88963	390.70120	100.80000	2.49407	357.73000	888.43990	1.40520	2032.73000
1.470	-3.632	347.83540	1222.85844	526.14872	390.53820	100.80000	2.49323	357.16990	888.43990	1.35482	2032.73000
1.470	-3.150	347.82540	1223.08551	526.24062	390.53250	100.80000	2.49327	357.15990	888.45000	1.34417	2032.73000
1.471	-2.670	347.60960	1222.95071	526.16792	390.47310	100.80000	2.49286	356.93990	888.45000	1.34429	2032.73000
1.470	-2.185	348.14920	1223.18906	526.30878	390.61820	100.80000	2.49396	357.49000	888.47000	1.35102	2032.69501
1.470	-1.710	348.01950	1223.54475	526.44289	390.54220	100.80000	2.49448	357.35990	888.46000	1.33657	2032.66000
1.470	-1.232	348.18700	1223.77209	526.54965	390.60130	100.80000	2.49455	357.52980	888.47000	1.33657	2032.66000
1.470	-.748	348.07960	1223.52621	526.44032	390.58230	100.80000	2.49414	357.41990	888.47000	1.34027	2032.66000
1.471	-.271	347.77420	1223.54591	526.42343	390.47900	100.80000	2.49393	357.10990	888.48000	1.34020	2032.62500
1.470	.242	348.06050	1223.35976	526.37109	390.58520	100.80000	2.49395	357.39990	888.47000	1.34390	2032.59000
1.484	.756	348.43380	1248.94756	536.91453	390.69310	100.80000	2.49457	357.77980	888.48000	.00000	2032.59000
GRADIENT		.05796	2.30035	.94918	.01401	-.00000	.00015	.05910	.00734	-.11877	-.02985

## IA310 (AEDC 16TF-783) PROBE CALIBRATION

(VCM044) ( 04 OCT 91 )

## PARAMETRIC DATA

BETA = -2.500 PHI = 180.000

RUN NO. 1586/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	P	PT	Q(PSF)	T(R)	TT(F)	RN/L	PC	PREF	SH10+3	PATM
1.491	-7.079	337.67600	1223.84979	525.57053	386.03170	100.00000	2.49943	346.86990	896.86990	1.66223	2033.71001
1.492	-6.571	337.46900	1223.93689	525.58272	385.94900	100.00000	2.49948	346.65990	896.87990	1.66229	2033.74500
1.491	-6.082	337.59670	1223.77109	525.53104	385.99440	100.00000	2.49956	346.78980	896.86990	1.67495	2033.74500
1.491	-5.586	337.67480	1223.88530	525.58487	386.01000	100.00000	2.49984	346.86990	896.86990	1.67480	2033.74500
1.492	-5.091	337.61620	1224.38728	525.77689	385.99340	100.00000	2.49972	346.80980	896.86990	1.64066	2033.74500
1.492	-4.603	337.50070	1223.88133	525.56244	386.00660	100.00000	2.49862	346.68990	896.86990	1.63719	2033.74500
1.491	-4.111	337.26560	1223.66956	525.45126	385.94120	100.00000	2.49812	346.45000	896.88990	1.64159	2033.74500
1.491	-3.622	337.48970	1223.75790	525.51333	385.97800	100.00000	2.49908	346.67990	896.87990	1.66234	2033.67500
1.492	-3.141	337.54660	1224.49382	525.81256	385.95480	100.00000	2.49995	346.74000	896.87990	1.64466	2033.71001
1.492	-2.659	337.46070	1224.04657	525.62402	386.04710	100.00000	2.49826	346.64990	896.86990	1.63697	2033.71001
1.491	-2.175	337.56880	1224.01498	525.62391	386.08620	100.00000	2.49832	346.75980	896.87990	1.63702	2033.71001
1.491	-1.701	337.66480	1224.21321	525.71381	386.08740	100.00000	2.49887	346.83980	896.87990	1.65790	2033.67500
1.491	-1.219	337.36160	1223.91496	525.56066	385.99610	100.00000	2.49933	346.85990	896.87990	1.65755	2033.64000
1.492	-.256	337.39230	1223.67694	525.46962	386.03390	100.00000	2.49850	346.54980	896.88990	1.65792	2033.67500
1.492	-.257	337.48070	1223.82645	525.53901	386.06180	100.00000	2.49801	346.57980	896.86990	1.65407	2033.71001
1.492	.772	337.42090	1223.94359	525.57890	386.02510	100.00000	2.49839	346.60990	896.86990	1.64955	2033.67500
GRADIENT		.00090	-.00663	-.00245	.01402	.02299	-.00010	.00101	-.00059	.00188	-.00910

RUN NO. 1602/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	P	PT	Q(PSF)	T(R)	TT(F)	RN/L	PC	PREF	SH10+3	PATM
1.516	-7.084	327.61010	1230.36134	526.81582	382.67480	100.80000	2.49355	336.63990	905.26980	1.58652	2033.78000
1.516	-6.572	327.44530	1229.92250	526.62050	382.65770	100.80000	2.49262	336.47000	905.27980	1.58707	2033.74500
1.517	-6.076	327.11960	1230.45891	526.77956	382.50240	100.80000	2.49309	336.13990	905.26980	1.58230	2033.78000
1.517	-5.580	327.40010	1231.47679	527.21682	382.50730	100.80000	2.49513	336.42990	905.26980	1.58102	2033.78000
1.516	-5.096	327.68210	1232.11543	527.50671	382.55250	100.80000	2.49643	336.72000	905.29980	1.57622	2033.78000
1.517	-4.604	327.99320	1233.52086	528.09763	382.59570	100.80000	2.49797	337.03980	905.31980	1.52715	2033.78000
1.517	-4.112	327.77540	1233.97263	528.23988	382.47490	100.80000	2.49861	336.81980	905.31980	1.53044	2033.74500
1.517	-3.624	328.09860	1234.11818	528.34500	382.57840	100.80000	2.49911	337.14990	905.33980	1.52641	2033.78000
1.517	-3.139	328.24410	1234.71577	528.59872	382.59010	100.80000	2.49999	337.29980	905.32980	1.51407	2033.74500
1.517	-2.660	328.06030	1234.07005	528.32001	382.58470	100.80000	2.49869	337.10990	905.36990	1.51485	2033.74500
1.517	-2.178	327.11300	1230.34650	526.73289	382.64140	100.90000	2.49110	336.12990	905.35990	1.53492	2033.74500
1.517	-1.698	327.10300	1230.36575	526.73961	382.63090	100.90000	2.49122	336.11990	905.34990	1.53881	2033.74500
1.517	-1.218	327.50980	1231.53735	527.25597	382.65530	100.90000	2.49386	336.53980	905.34990	1.54522	2033.71001
1.517	-.736	327.52830	1231.65828	527.30647	382.56690	100.80000	2.49498	336.55980	905.34990	1.55690	2033.74500
1.517	-.255	327.49800	1231.65512	527.30069	382.54100	100.80000	2.49524	336.52980	905.35990	1.56881	2033.74500
1.517	-.257	327.24370	1230.93649	526.98428	382.47020	100.80000	2.49465	336.26980	905.34990	1.60594	2033.78000
1.516	.771	327.57690	1230.82573	526.99193	382.57860	100.80000	2.49512	336.60990	905.34990	1.61839	2033.78000
GRADIENT		-.13494	-.69791	-.29053	-.00299	.00209	-.00096	-.13947	.00554	.01653	-.00019

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(VCM044) ( 04 OCT 91 )

PARAMETRIC DATA

BETA = -2.500 PHI = 180.000

RUN NO. 1617/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	P	PT	Q(PSF)	T(R)	TT(F)	RN/L	PC	PREF	SH10+3	PATM
1.541	-7.079	317.65990	1237.19394	527.75299	378.77250	101.00000	2.49218	326.50980	908.89990	1.53629	2033.60500
1.541	-6.570	317.76250	1238.79779	528.37938	378.67630	101.00000	2.49482	326.61990	908.89990	1.52649	2033.60500
1.541	-6.076	317.64670	1238.38524	528.20151	378.67720	101.00000	2.49389	326.50000	908.86990	1.52311	2033.57001
1.541	-5.581	317.65750	1238.17535	528.12469	378.70510	101.00000	2.49344	326.50980	908.86990	1.51951	2033.57001
1.541	-5.091	317.63820	1238.10475	528.09476	378.70460	101.00000	2.49330	326.49000	908.85990	1.51959	2033.57001
1.541	-4.603	317.52170	1237.84538	527.97378	378.68650	101.00000	2.49273	326.36990	908.83980	1.51990	2033.57001
1.541	-4.115	317.66940	1237.67633	527.93832	378.76440	101.00000	2.49241	326.51980	908.80980	1.51242	2033.57001
1.541	-3.624	317.62060	1237.74698	527.95614	378.74610	101.00000	2.49237	326.47000	908.77980	1.50848	2033.57001
1.542	-3.136	317.25980	1237.29597	527.71720	378.65840	101.00000	2.49121	326.09990	908.76980	1.50897	2033.57001
1.542	-2.659	317.22170	1237.21465	527.67928	378.66800	101.00000	2.49035	325.87990	908.76000	1.49758	2033.53500
1.542	-2.175	317.04590	1237.05223	527.58476	378.61470	101.00000	2.49035	325.87990	908.75000	1.50157	2033.53500
1.541	-1.697	317.33890	1237.28059	527.72630	378.70360	101.00000	2.49097	326.17990	908.73000	1.49752	2033.57001
1.541	-1.218	317.53100	1238.27676	528.13963	378.68290	101.00000	2.49287	326.37990	908.70000	1.49633	2033.53500
1.542	-.737	317.63480	1239.37547	528.57459	378.68380	101.00000	2.49435	326.49000	908.67990	1.49880	2033.53500
1.542	-.254	318.08130	1240.57510	529.11280	378.74540	101.00000	2.49669	326.95000	908.67990	1.48979	2033.57001
1.542	.257	317.94460	1240.75687	529.15570	378.71170	101.00000	2.49626	326.80980	908.58980	1.46692	2033.57001
1.541	.771	317.99610	1240.13394	528.93038	378.79050	101.00000	2.49516	326.85990	908.58980	1.46394	2033.53500
GRADIENT		.10105	.62293	.25483	.00674	.02304	.00082	.10504	-.04385	-.00877	-.00384

IA310 (AEDC 16TF-783) PROBE CALIBRATION

( VCM045 ) ( 04 OCT 91 )

PARAMETRIC DATA

BETA = -2.000 PHI = 180.000

RUN NO. 1571/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	P	PT	Q(PSF)	T(R)	TT(F)	RN/L	PC	PREF	SH10+3	PATM
.599	-7.078	1253.18500	1596.75000	314.37940	522.51810	100.30000	2.49286	1262.92000	1303.10001	.99893	2034.69000
.599	-6.577	1253.02100	1597.35001	315.01900	522.44260	100.30000	2.49569	1262.77000	1303.11000	.97775	2034.69000
.599	-6.082	1252.46700	1596.13000	314.44780	522.49050	100.30000	2.49259	1262.20000	1303.16000	.97592	2034.65500
.600	-5.586	1252.62700	1597.22000	315.23240	522.40770	100.30000	2.49636	1262.38000	1303.17999	.97269	2034.62000
.599	-5.096	1252.82700	1596.89999	314.79980	522.46140	100.30000	2.49452	1262.57001	1303.19000	.97032	2034.62000
.600	-4.607	1251.84200	1596.36000	315.15360	522.39450	100.30000	2.49534	1261.59000	1303.23000	.97321	2034.69000
.600	-3.632	1252.49800	1597.07001	315.21240	522.40650	100.30000	2.49616	1262.25000	1303.25000	.97038	2034.65500
.600	-3.149	1252.11800	1596.75999	315.28930	522.38790	100.40000	2.49551	1261.87000	1303.32001	.97041	2034.65500
.600	-2.668	1251.70799	1596.92999	315.74240	522.41870	100.40000	2.49740	1261.47000	1303.34000	.97287	2034.65500
.600	-2.194	1251.96201	1596.96001	315.55980	522.44600	100.40000	2.49676	1261.72000	1303.37000	.99880	2034.69000
.600	-1.723	1251.82001	1596.92999	315.65060	522.43190	100.40000	2.49706	1261.58000	1303.39999	1.00144	2034.72501
.600	-1.258	1252.02699	1597.25999	315.75850	522.51900	100.50000	2.49716	1261.78999	1303.41000	1.00651	2034.72501
.600	-.788	1252.27100	1596.78999	315.16380	522.59200	100.50000	2.49461	1262.02000	1303.44000	1.01212	2034.72501
.600	-.317	1251.78999	1596.94000	315.68410	522.52080	100.50000	2.49662	1261.55000	1303.46001	1.00937	2034.75999
.600	.194	1252.20200	1597.12000	315.49680	522.55300	100.50000	2.49610	1261.96001	1303.50999	1.00925	2034.79500
.600	.719	1252.39301	1597.25999	315.45870	522.56270	100.50000	2.49608	1262.14999	1303.52000	1.00651	2034.79500
GRADIENT		.02435	.09445	.05948	.03614	.04511	.00004	.02580	.05512	.00946	.02905

RUN NO. 1461/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	P	PT	Q(PSF)	T(R)	TT(F)	RN/L	PC	PREF	SH10+3	PATM
.800	-7.059	879.88870	1341.16000	394.12380	496.34810	100.20000	2.49787	889.78980	1050.32001	6.58326	2038.71500
.800	-6.553	879.67680	1341.13000	394.24580	496.31710	100.20000	2.49816	889.57980	1050.39000	6.57016	2038.71500
.800	-6.054	879.90380	1340.81000	393.85420	496.47630	100.30000	2.49621	889.79980	1050.47000	6.57175	2038.71500
.800	-5.558	879.91280	1340.89000	393.90750	496.46920	100.30000	2.49643	889.80980	1050.53000	6.54493	2038.71500
.800	-5.065	879.65990	1340.91000	394.09420	496.42630	100.30000	2.49694	889.55980	1050.59000	6.50538	2038.71500
.800	-4.575	879.78340	1340.75999	393.89920	496.46220	100.30000	2.49627	889.67990	1050.66000	6.50612	2038.71500
.800	-4.084	879.64770	1341.03999	394.19850	496.41060	100.30000	2.49736	889.54980	1050.73000	6.46552	2038.71500
.800	-3.596	879.49850	1340.89999	394.19680	496.40140	100.30000	2.49720	889.39990	1050.77000	6.47925	2038.71500
.800	-3.105	879.72070	1340.89999	394.04540	496.43730	100.30000	2.49681	889.61990	1050.83000	6.41423	2038.71500
.800	-2.618	879.78120	1340.91000	394.01150	496.44580	100.30000	2.49673	889.67990	1050.89000	6.38834	2038.67999
.800	-2.140	879.70800	1341.07001	394.17990	496.41720	100.30000	2.49734	889.60990	1050.95000	6.36183	2038.67999
.800	-1.664	879.77980	1341.00999	394.08690	496.43510	100.30000	2.49703	889.67990	1051.03000	6.32369	2038.67999
.800	-1.187	879.66670	1341.10001	394.23000	496.40720	100.30000	2.49751	889.56980	1051.08000	6.29776	2038.64500
.800	-.709	879.91040	1341.03999	394.02000	496.36430	100.20000	2.49747	889.80980	1051.16000	6.33633	2038.64500
.800	-.234	879.63920	1340.94000	394.13040	496.33110	100.20000	2.49765	889.53980	1051.20000	6.29852	2038.64500
.800	.278	879.77080	1340.92000	394.02610	496.35450	100.20000	2.49735	889.66990	1051.28000	6.24789	2038.67999
.800	.798	879.75590	1341.23000	394.26560	496.31930	100.20000	2.49832	889.65990	1051.33000	6.22123	2038.67999
GRADIENT		.01777	.04042	.01782	-.02186	-.02305	.00022	.01821	.12709	-.05093	-.01185

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(VCM045) ( 04 OCT 91 )

PARAMETRIC DATA

BETA = -2.000 PHI = 180.000

RUN NO. 1495/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	P	PT	Q(PSF)	T(R)	TT(F)	RN/L	PC	REF	SH10+3	PATM
.900	-7.060	752.93990	1273.22000	426.75880	481.49630	99.80000	2.50044	762.95000	978.13990	1.82465	2036.58000
.900	-6.552	752.66330	1272.83000	426.65550	481.40190	99.70000	2.50031	762.66990	978.21000	1.82055	2036.61501
.900	-6.059	752.94340	1273.00000	426.60570	481.60670	99.89999	2.49925	762.95000	978.25980	1.82496	2036.58000
.900	-5.561	752.64040	1273.03999	426.81350	481.54710	99.89999	2.49976	762.64990	978.32980	1.81098	2036.58000
.900	-5.066	752.52220	1272.82001	426.73270	481.46340	99.80000	2.49989	762.52980	978.38990	1.81130	2036.61501
.900	-4.581	752.63870	1273.16000	426.89700	481.44780	99.80000	2.50067	762.64990	978.42990	1.81081	2036.61501
.900	-4.089	752.13010	1272.75999	426.92480	481.39790	99.80000	2.50024	762.13990	978.47000	1.80215	2036.61501
.900	-3.595	752.51760	1273.16000	426.96900	481.42580	99.80000	2.49959	762.81980	978.52980	1.79699	2036.61501
.900	-3.113	752.81420	1272.85001	426.57960	481.51340	99.80000	2.49959	762.81980	978.57980	1.79743	2036.58000
.900	-2.624	752.64840	1273.17999	426.90480	481.36130	99.70000	2.50129	762.65990	978.60990	1.77868	2036.61501
.900	-2.142	752.82080	1273.09000	426.74050	481.40260	99.70000	2.50081	762.82980	978.64990	1.76521	2036.61501
.900	-1.669	752.86180	1273.05000	426.68850	481.41430	99.70000	2.50065	762.86990	978.70000	1.76527	2036.64999
.899	-1.196	752.82200	1273.00999	426.68480	481.41140	99.70000	2.50059	762.82980	978.72000	1.75631	2036.64999
.900	-.720	753.02610	1272.83000	426.43950	481.38210	99.59999	2.50041	763.02980	978.75980	1.74758	2036.61501
.900	-.245	752.69040	1273.03999	426.78340	481.29810	99.59999	2.50142	762.70000	978.81980	1.74730	2036.64999
.900	.267	752.82250	1272.96001	426.65010	481.24490	99.50000	2.50161	762.82980	978.84990	1.74294	2036.64999
.900	.786	752.68990	1273.08000	426.81150	481.20780	99.50000	2.50211	762.70000	978.87990	1.73386	2036.64999
GRADIENT		.06931	-.00393	-.04398	-.03915	-.06073	.00025	.06878	.08437	-.01476	.00906

RUN NO. 1478/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	P	PT	Q(PSF)	T(R)	TT(F)	RN/L	PC	REF	SH10+3	PATM
1.102	-7.027	563.30080	1205.63000	478.80470	450.38990	100.10000	2.49845	573.49000	916.46000	1.72166	2038.19000
1.101	-6.516	564.79590	1207.33000	479.20410	450.54960	100.10000	2.50164	575.00000	916.50000	1.70160	2038.19000
1.100	-6.017	564.93580	1206.47000	478.64870	450.59280	100.00000	2.50019	575.12990	916.56980	1.68535	2038.15500
1.100	-5.516	564.98800	1206.28999	478.52340	450.54320	99.89999	2.50034	575.17990	916.58980	1.66829	2038.15500
1.100	-5.025	564.77120	1205.96001	478.41720	450.69020	100.10000	2.49852	574.96000	916.60990	1.66015	2038.15500
1.100	-4.523	564.81910	1206.16000	478.51460	450.43820	99.80000	2.50070	575.01000	916.67990	1.60084	2038.15500
1.100	-4.021	564.92040	1206.06000	478.41630	450.47190	99.80000	2.50043	575.10990	916.70000	1.56000	2038.12000
1.100	-3.531	565.15160	1206.00000	478.29000	450.69210	100.00000	2.49901	575.33980	916.71000	1.54797	2038.12000
1.100	-3.035	564.75220	1205.85001	478.36060	450.53660	99.89999	2.49944	574.93990	916.72000	1.53614	2038.12000
1.100	-2.542	565.13180	1205.98000	478.28540	450.68970	100.00000	2.49898	575.31980	916.74000	1.51614	2038.15500
1.100	-2.052	564.92800	1206.28999	478.54710	450.52950	99.89999	2.50037	575.11990	916.76000	1.50788	2038.12000
1.100	-1.560	565.05420	1205.77000	478.19570	450.61380	99.89999	2.49911	575.24000	916.83990	1.44312	2038.12000
1.100	-1.075	565.07100	1206.05000	478.35110	450.58790	99.89999	2.49975	575.26000	916.84990	1.38363	2038.08501
1.100	-.588	564.89320	1205.89000	478.32860	450.56420	99.89999	2.49946	575.07980	916.86990	1.38019	2038.12000
1.100	-.103	564.92310	1205.82001	478.27560	450.57860	99.89999	2.49929	575.10990	916.85990	1.38027	2038.15500
1.100	.405	564.98950	1206.16000	478.44730	450.47710	99.80000	2.50062	575.17990	916.90990	1.36190	2038.12000
1.100	.915	564.95210	1205.89999	478.31080	450.49630	99.80000	2.50004	575.13990	916.92990	1.35506	2038.12000
GRADIENT		.00806	-.02367	-.01693	-.00138	-.00713	-.00002	.00778	.04860	-.04900	-.00254



## IA310 (AEDC 16TF-783) PROBE CALIBRATION

(VCMO45) ( 04 OCT 91 )

## PARAMETRIC DATA

BETA = -2.000 PHI = 180.000

RUN NO. 1518/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	P	PT	Q(PSF)	T(R)	TT(F)	RN/L	PC	PREF	SH10+3	PATM
1.250	-7.049	462.59130	1198.24001	505.95730	426.26320	99.80000	2.50175	472.72000	864.57980	1.41844	2035.77499
1.250	-6.539	462.55440	1197.78999	505.73730	426.29930	99.80000	2.50083	472.67990	864.56980	1.41897	2035.77499
1.250	-6.042	462.68920	1198.50000	506.06760	426.18630	99.70000	2.50289	472.81980	864.54980	1.39602	2035.77499
1.250	-5.546	462.49390	1197.89000	505.80130	426.19700	99.70000	2.50162	472.61990	864.56980	1.40039	2035.77499
1.250	-5.047	462.61430	1197.78000	505.71920	426.31590	99.80000	2.50082	472.74000	864.56980	1.40420	2035.77499
1.249	-4.558	462.99020	1198.22000	505.85990	426.29390	99.70000	2.50235	473.11990	864.56980	1.40736	2035.77499
1.250	-4.063	462.39700	1197.50000	505.62500	426.28710	99.80000	2.50022	472.51980	864.54980	1.41190	2035.77499
1.250	-3.575	462.46480	1197.73000	505.72630	426.28170	99.80000	2.50070	472.58980	864.52980	1.41163	2035.81000
1.250	-3.082	462.51200	1198.19000	505.94950	426.17110	99.70000	2.50223	472.63990	864.55980	1.33894	2035.77499
1.250	-2.598	462.44340	1197.97000	505.85280	426.17550	99.70000	2.50178	472.56980	864.51980	1.31821	2035.77499
1.250	-2.112	462.60300	1197.97000	505.81790	426.14140	99.59999	2.50238	472.73000	864.51000	1.29071	2035.81000
1.250	-1.636	462.64530	1197.62000	505.63130	426.18800	99.59999	2.50168	472.76980	864.51980	1.28091	2035.81000
1.250	-1.157	462.68260	1198.00999	505.82080	426.23440	99.70000	2.50189	472.80980	864.51980	1.27039	2035.84500
1.250	-.678	462.86060	1198.20000	505.87790	426.26200	99.70000	2.50230	472.99000	864.51980	1.28029	2035.84500
1.250	-.201	462.50200	1198.17999	505.94650	426.16970	99.70000	2.50221	472.62990	864.48000	1.28031	2035.81000
1.249	.313	462.70460	1197.69000	505.65360	426.27270	99.70000	2.50124	472.82980	864.47000	1.29101	2035.81000
1.250	.830	462.55270	1198.05000	505.86940	426.19600	99.70000	2.50195	472.67990	864.47000	1.30431	2035.84500
	GRADIENT	.00488	.01997	.00902	-.00950	-.01150	.00011	.00503	-.01694	-.02574	.01178

RUN NO. 1534/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	P	PT	Q(PSF)	T(R)	TT(F)	RN/L	PC	PREF	SH10+3	PATM
1.400	-7.044	381.88310	1215.05000	523.85330	401.93750	99.80000	2.50007	391.58980	880.42990	1.30995	2035.35500
1.400	-6.539	382.06910	1215.32001	523.96780	401.96800	99.80000	2.50071	391.77980	880.41990	1.30621	2035.35500
1.400	-6.036	381.73560	1214.91000	523.79520	402.05000	100.00000	2.49852	391.43990	880.41990	1.28278	2035.35500
1.400	-5.541	381.61550	1215.12000	523.88920	401.85030	99.80000	2.50001	391.31980	880.40990	1.28256	2035.39000
1.400	-5.046	381.83420	1214.92000	523.79740	402.07890	100.00000	2.49861	391.53980	880.39990	1.27940	2035.35500
1.400	-4.554	381.84670	1214.50999	523.61790	402.12130	100.00000	2.49787	391.54980	880.38990	1.27983	2035.35500
1.400	-4.058	381.80300	1215.21001	523.92500	402.04200	100.00000	2.49912	391.50980	880.36990	1.27909	2035.35500
1.399	-3.570	382.05220	1214.89999	523.78440	402.14620	100.00000	2.49874	391.75980	880.37990	1.27605	2035.35500
1.400	-3.074	381.84500	1214.80000	523.74490	401.94970	99.80000	2.49959	391.54980	880.34990	1.27279	2035.39000
1.400	-2.590	382.05000	1215.22000	523.92430	402.11550	100.00000	2.49932	391.75980	880.33980	1.27235	2035.39000
1.400	-2.108	381.47000	1214.66000	523.69090	401.99390	100.00000	2.49787	391.16990	880.32980	1.27294	2035.39000
1.400	-1.621	381.91280	1215.03999	523.84840	402.09110	100.00000	2.49889	391.61990	880.31980	1.27254	2035.39000
1.400	-1.143	381.72580	1214.89000	523.78660	402.04910	100.00000	2.49848	391.42990	880.29980	1.26935	2035.39000
1.400	-.662	381.92110	1215.28000	523.95310	401.92720	99.80000	2.50052	391.63990	880.29980	1.26894	2035.42500
1.400	-.184	381.83450	1214.88000	523.78000	402.02820	100.00000	2.49854	391.53980	880.28980	1.26936	2035.39000
1.400	.329	381.73660	1214.73000	523.71630	401.92380	99.80000	2.49938	391.43990	880.26000	1.26951	2035.35500
1.400	.847	381.88060	1215.46001	524.03270	402.04170	100.00000	2.49963	391.58980	880.25000	1.26541	2035.35500
	GRADIENT	-.01354	.05621	.02484	-.01863	-.01288	.00017	-.01332	-.02542	-.00230	.00291

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(VCM045) ( 04 OCT 91 )

PARAMETRIC DATA

BETA = -2.000 PHI = 180.000

RUN NO. 1552/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	P	PT	Q(PSF)	T(R)	TT(F)	RN/L	PC	PREF	SH10+3	PATM
1.450	-7.072	358.79640	1225.80000	528.09060	394.69190	101.00000	2.49281	368.26980	893.38990	1.39375	2035.25000
1.450	-6.564	358.62890	1225.81000	528.08590	394.63840	101.00000	2.49267	368.09390	893.38990	1.39739	2035.25000
1.450	-6.068	358.83470	1226.00000	528.17550	394.68550	101.00000	2.49320	368.30980	893.40990	1.40449	2035.25000
1.450	-5.576	358.88840	1225.17999	527.83720	394.77810	101.00000	2.49181	368.35990	893.43990	1.40912	2035.25000
1.450	-5.085	359.23580	1226.59000	528.44120	394.75730	101.00000	2.49462	368.72000	893.43990	1.45987	2035.25000
1.450	-4.596	358.99170	1226.16000	528.25000	394.72020	101.00000	2.49363	368.47000	893.48000	1.45658	2035.28500
1.449	-4.104	359.15990	1226.07001	528.22120	394.78120	101.00000	2.49363	368.63990	893.47000	1.45669	2035.28500
1.451	-3.615	358.62480	1226.64000	528.43070	394.63110	101.00000	2.49194	368.25000	893.48000	1.44584	2035.25000
1.450	-3.130	358.77760	1225.64999	528.02710	394.77030	101.00000	2.49262	368.49000	893.50000	1.44553	2035.25000
1.450	-2.651	359.01270	1225.91000	528.14720	394.84230	101.00000	2.49254	368.53980	893.51000	1.39370	2035.25000
1.450	-2.180	359.06250	1225.84000	528.12060	394.84230	101.00000	2.49254	368.53980	893.51000	1.40046	2035.25000
1.451	-1.705	358.56710	1226.32001	528.29440	394.71290	101.20000	2.49232	368.03980	893.50000	1.40477	2035.25000
1.450	-1.239	358.99370	1225.75999	528.08370	394.89840	101.20000	2.49174	368.47000	893.51980	1.40495	2035.25000
1.450	-.767	358.89600	1225.60001	528.01220	394.88260	101.20000	2.49137	368.36990	893.50000	1.40755	2035.25000
1.450	-.297	359.00950	1226.53999	528.40890	394.83180	101.20000	2.49313	368.49000	893.51980	1.42642	2035.25000
1.450	.178	358.95190	1226.23000	528.27710	394.84200	101.20000	2.49253	368.42990	893.55980	1.41943	2035.28500
1.450	.738	358.90480	1225.85001	528.11670	394.86230	101.20000	2.49182	368.37990	893.53980	-.00952	-.00407
	GRADIENT	-.00093	-.02150	-.00899	.03036	.04071	-.00028	-.00104	.01378		

RUN NO. 1636/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	P	PT	Q(PSF)	T(R)	TT(F)	RN/L	PC	PREF	SH10+3	PATM
1.470	-7.065	347.70580	1223.24156	526.29426	390.46610	100.80000	2.49368	357.03980	888.49000	1.35090	2032.62500
1.470	-6.561	348.10940	1223.23488	526.32399	390.59450	100.80000	2.49412	357.45000	888.49000	1.35443	2032.62500
1.470	-6.061	347.87230	1223.35248	526.35254	390.57470	100.90000	2.49354	357.21000	888.49000	1.35427	2032.59000
1.469	-5.573	348.26640	1223.32265	526.37239	390.70830	100.90000	2.49381	357.60990	888.49000	1.35435	2032.55499
1.470	-5.082	347.86430	1223.00900	526.21163	390.60380	100.90000	2.49292	357.20000	888.49000	1.35465	2032.55499
1.470	-4.585	348.05180	1222.82808	526.15346	390.67650	100.90000	2.49288	357.38990	888.50000	1.35836	2032.55499
1.470	-4.099	347.80470	1223.03294	526.21685	390.57570	100.90000	2.49303	357.13990	888.50000	1.35810	2032.55499
1.470	-3.610	348.00120	1223.14494	526.27939	390.63040	100.90000	2.49340	357.33980	888.51000	1.35800	2032.52000
1.470	-3.129	348.05050	1223.10211	526.26525	390.65090	100.90000	2.49336	357.38990	888.51000	1.35805	2032.55499
1.469	-2.642	348.37550	1222.99827	526.08528	390.75490	100.90000	2.49370	357.72000	888.51000	1.38680	2032.52000
1.470	-2.165	347.93140	1223.28343	526.32963	390.59450	100.90000	2.49358	357.26980	888.51000	1.35783	2032.52000
1.470	-1.692	347.94140	1223.21774	526.30366	390.59770	100.90000	2.49359	357.27980	888.51000	1.36139	2032.52000
1.470	-1.222	347.74510	1222.98036	526.19053	390.54830	100.90000	2.49313	357.07980	888.51000	1.36513	2032.48500
1.470	-.748	348.02120	1222.86775	526.16752	390.64400	100.90000	2.49328	357.35990	888.51000	1.36880	2032.52000
1.470	-.274	347.92160	1223.01427	526.21852	390.59130	100.90000	2.49357	357.25980	888.51980	1.37213	2032.52000
1.470	.237	348.03030	1222.93877	526.19650	390.63430	100.90000	2.49353	357.36990	888.52980	1.37223	2032.52000
1.469	.759	348.08030	1222.79753	526.14330	390.66410	100.90000	2.49332	357.41990	888.51000	1.37240	2032.48500
	GRADIENT	-.00139	-.01609	-.00671	-.00375	-.00000	.00006	-.00123	.00322	.00271	-.01000

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(VCM045) ( 04 OCT 91 )

PARAMETRIC DATA

BETA = -2.000 PHI = 180.000

RUN NO. 1587/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	P	PT	Q(PSF)	T(R)	TT(F)	RN/L	PC	PREF	SH10+3	PATM
1.492	-7.065	337.58760	1224.25060	525.71880	386.07710	100.10000	2.49863	346.77980	896.86990	1.63258	2033.71001
1.492	-6.558	337.60570	1225.01071	526.02330	386.11910	100.20000	2.49868	346.79980	896.89990	1.60700	2033.74500
1.492	-6.061	337.68430	1224.97150	526.01641	386.14310	100.20000	2.49881	346.87990	896.86990	1.61113	2033.64000
1.492	-5.569	337.36040	1224.48401	525.78690	386.04320	100.20000	2.49831	346.54980	896.86990	1.63637	2033.71001
1.491	-5.076	337.62820	1223.77762	525.53548	386.18430	100.20000	2.49760	346.81980	896.89990	1.64563	2033.71001
1.491	-4.586	337.54930	1223.85106	525.55599	386.15140	100.20000	2.49765	346.74000	896.89990	1.64552	2033.67500
1.491	-3.601	337.68410	1224.41745	525.79732	386.13940	100.20000	2.49820	346.78980	896.89990	1.65364	2033.67500
1.491	-3.117	337.74240	1224.52301	525.84574	386.14330	100.20000	2.49923	346.93990	896.89990	1.64893	2033.67500
1.491	-2.637	337.69410	1224.53146	525.84321	386.14430	100.20000	2.49885	346.88990	896.89990	1.65296	2033.71001
1.492	-2.156	337.57570	1224.60188	525.85753	386.09860	100.20000	2.49885	346.76980	896.89990	1.64048	2033.74500
1.492	-1.682	337.62450	1224.81007	525.94630	386.10210	100.20000	2.49915	346.81980	896.87990	1.63596	2033.71001
1.492	-1.208	337.57470	1224.87868	525.96832	386.07320	100.20000	2.49933	346.76980	896.88990	1.64000	2033.67500
1.491	-.736	337.83010	1224.80124	525.96629	386.15940	100.20000	2.49937	347.02980	896.86990	1.64427	2033.67500
1.492	-.260	337.66330	1224.97777	526.01780	386.10570	100.20000	2.49936	346.85980	896.87990	1.63161	2033.71001
1.492	.251	337.76150	1225.54337	526.25240	386.14060	100.20000	2.49942	346.96000	896.85990	1.59416	2033.67500
1.492	.775	337.55420	1225.76331	526.31599	386.05150	100.20000	2.49959	346.75000	896.86990	1.59385	2033.67500
GRADIENT		.01080	.30064	.12060	-.01071	-.00000	.00028	.01172	-.00636	-.00927	-.00105

RUN NO. 1603/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	P	PT	Q(PSF)	T(R)	TT(F)	RN/L	PC	PREF	SH10+3	PATM
1.516	-7.071	327.42110	1229.60542	526.49765	382.55220	100.80000	2.49444	336.45000	905.37990	1.68256	2033.74500
1.516	-6.562	327.27470	1229.47107	526.42372	382.51370	100.80000	2.49406	336.29980	905.40990	1.68272	2033.74500
1.516	-6.066	327.17720	1229.19820	526.30327	382.49340	100.80000	2.49370	336.20000	905.38990	1.69160	2033.74500
1.515	-5.568	327.52950	1229.28922	526.39196	382.59550	100.80000	2.49445	336.55980	905.40990	1.70007	2033.71001
1.515	-5.071	327.51950	1229.10812	526.32115	382.59110	100.80000	2.49445	336.54980	905.42990	1.71322	2033.74500
1.515	-4.585	327.56790	1229.06923	526.31374	382.59420	100.80000	2.49476	336.59990	905.43990	1.72626	2033.74500
1.515	-4.089	327.42160	1228.66487	526.13519	382.56270	100.80000	2.49424	336.45000	905.42990	1.73989	2033.78000
1.515	-3.602	327.27390	1228.57481	526.07888	382.49680	100.80000	2.49437	336.29980	905.47000	1.75756	2033.78000
1.515	-3.119	327.26460	1228.19576	525.93230	382.50420	100.80000	2.49416	336.28980	905.45000	1.77584	2033.74500
1.515	-2.633	327.43240	1227.65855	525.74875	382.58670	100.80000	2.49387	336.46000	905.45000	1.79456	2033.74500
1.515	-2.156	327.29520	1227.50073	525.66747	382.47340	100.70000	2.49428	336.31980	905.46000	1.80378	2033.74500
1.515	-1.685	327.09860	1227.44427	525.61707	382.39280	100.70000	2.49431	336.11990	905.47000	1.81743	2033.74500
1.515	-1.211	327.18730	1227.24091	525.55128	382.50390	100.80000	2.49358	336.21000	905.47000	1.82231	2033.74500
1.514	-.736	327.34420	1227.15237	525.54044	382.49150	100.70000	2.49431	336.36990	905.47000	1.82703	2033.71001
1.514	-.261	327.47190	1227.00227	525.50164	382.60500	100.80000	2.49382	336.50000	905.49000	1.83644	2033.74500
1.514	.251	327.30520	1226.92596	525.44751	382.54860	100.80000	2.49363	336.32980	905.49000	1.84112	2033.78000
1.515	.775	327.04080	1226.75029	525.34008	382.46730	100.80000	2.49316	336.05980	905.48000	1.84595	2033.78000
GRADIENT		-.04385	-.42499	-.17054	-.00849	-.00356	-.00020	-.04515	-.00933	.02268	-.00020

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(VCMO45) ( 04 OCT 91 )

PARAMETRIC DATA

BETA = -2.000 PHI = 180.000

RUN NO. 1618/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	P	PT	O (PSF)	T (R)	TT (F)	RN/L	PC	PREF	SH10+3	PATM
1.541	-7.064	317.27170	1237.05788	527.62996	378.78270	101.10000	2.48963	326.10990	908.54980	1.48638	2033.50000
1.542	-6.556	317.65550	1239.12794	528.48519	378.79130	101.20000	2.49316	326.50980	908.52980	1.49149	2033.50000
1.541	-6.061	318.00710	1239.07172	528.52959	378.89450	101.20000	2.49396	326.86990	908.50000	1.51074	2033.53500
1.541	-5.567	317.42380	1237.82184	527.94695	378.79420	101.20000	2.49129	326.26980	908.47000	1.51605	2033.53500
1.541	-5.076	317.54130	1237.79987	527.96057	378.83250	101.20000	2.49148	326.38990	908.46000	1.51996	2033.53500
1.541	-4.580	317.46290	1237.86537	527.97044	378.79880	101.20000	2.49150	326.30980	908.46000	1.51986	2033.53500
1.541	-4.093	317.60010	1237.76906	527.96017	378.85080	101.20000	2.49159	326.45000	908.42990	1.52388	2033.53500
1.541	-3.602	317.71680	1237.98145	528.06226	378.87840	101.20000	2.49198	326.56980	908.42990	1.51976	2033.53500
1.541	-3.116	317.74560	1238.03166	528.08672	378.87380	101.20000	2.49230	326.59990	908.40990	1.52746	2033.53500
1.541	-2.638	317.67750	1237.89406	528.02164	378.85640	101.20000	2.49209	326.52980	908.38990	1.53150	2033.53500
1.541	-2.156	317.59790	1238.29883	528.16021	378.73000	101.10000	2.49319	326.45000	908.36990	1.52709	2033.53500
1.541	-1.682	317.75420	1238.39066	528.22357	378.84470	101.20000	2.49292	326.60990	908.35990	1.52700	2033.53500
1.542	-1.211	317.45120	1238.41452	528.17635	378.74560	101.20000	2.49242	326.29980	908.34990	1.51917	2033.53500
1.541	-.734	317.85110	1238.98125	528.46664	378.85250	101.20000	2.49353	326.71000	908.32980	1.50698	2033.50000
1.542	-.260	317.56710	1238.94794	528.40003	378.75510	101.20000	2.49316	326.41990	908.33980	1.50697	2033.53500
1.541	.252	317.99800	1239.01360	528.50635	378.90700	101.20000	2.49365	326.85990	908.30980	1.50314	2033.50000
1.541	.775	317.71390	1239.09665	528.48368	378.79910	101.20000	2.49347	326.56980	908.29980	1.50298	2033.53500
	GRADIENT	.03854	.27426	.11111	-.00485	.00071	.00040	.04014	-.02902	-.00435	-.00356

(VCMO46) ( 04 OCT 91 )

PARAMETRIC DATA

BETA = -1.500 PHI = 180.000

RUN NO. 1572/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	P	PT	Q(PSF)	T(R)	TT(F)	RN/L	PC	PREF	SH10+3	PATM
.599	-7.062	1253.16800	1597.09000	314.67940	522.67090	100.50000	2.49310	1262.91000	1303.57001	.97277	2034.75999
.599	-6.552	1252.78400	1596.50000	314.49830	522.68040	100.50000	2.49195	1262.52000	1303.63000	.97057	2034.79500
.600	-6.061	1252.41600	1597.11000	315.31320	522.57930	100.50000	2.49542	1262.17000	1303.63000	.97020	2034.83000
.600	-5.564	1252.12399	1597.49001	315.87230	522.50900	100.50000	2.49777	1261.89000	1303.67999	.96741	2034.83000
.600	-5.069	1252.23700	1597.42999	315.72920	522.52810	100.50000	2.49720	1262.00000	1303.69000	.96745	2034.79500
.600	-4.578	1252.55701	1597.67000	315.66820	522.54390	100.50000	2.49718	1262.32001	1303.73000	.96986	2034.83000
.600	-4.089	1252.26401	1597.09000	315.42110	522.56320	100.50000	2.49580	1262.02000	1303.75999	.97021	2034.83000
.600	-3.601	1251.59801	1596.37000	315.36180	522.55100	100.50000	2.49497	1261.35001	1303.78000	.97047	2034.86501
.600	-3.115	1252.23199	1596.66000	315.08570	522.59960	100.50000	2.49422	1261.98000	1303.80000	.97043	2034.83000
.600	-2.635	1252.26100	1596.72000	315.11210	522.50420	100.40000	2.49493	1262.00999	1303.82001	.97282	2034.83000
.600	-2.160	1251.76801	1597.00999	315.76070	522.41820	100.40000	2.49753	1261.53000	1303.85001	.97559	2034.79500
.599	-1.691	1252.55701	1596.67000	314.82760	522.54420	100.40000	2.49385	1262.30000	1303.88000	.97550	2034.79500
.600	-1.231	1251.81599	1596.66000	315.42750	522.45680	100.40000	2.49602	1261.57001	1303.89999	.97782	2034.83000
.600	-0.778	1252.52499	1597.23000	315.32470	522.48780	100.40000	2.49613	1262.28000	1303.92999	.98850	2034.83000
.600	-0.323	1252.07899	1596.70000	315.24510	522.48440	100.40000	2.49540	1261.83000	1303.97000	.97250	2034.83000
.600	.189	1252.26500	1597.53999	315.79860	522.42800	100.40000	2.49812	1262.03000	1303.97000	.96791	2034.86501
.600	.726	1251.66299	1596.67000	315.56100	522.43750	100.40000	2.49652	1261.42000	1303.97000	.00102	.00052
GRADIENT		-.04197	-.01840	.01903	-.02522	-.02351	.00019	-.04169	.04660		

RUN NO. 1462/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	P	PT	Q(PSF)	T(R)	TT(F)	RN/L	PC	PREF	SH10+3	PATM
.800	-7.047	879.83620	1341.27000	394.24070	496.41670	100.30000	2.49772	889.74000	1051.62000	6.15842	2038.64500
.800	-6.538	879.78780	1341.12000	394.16240	496.51340	100.40000	2.49678	889.68990	1051.67000	6.13424	2038.64500
.800	-6.044	879.87230	1340.88000	393.92750	496.55220	100.40000	2.49590	889.76980	1051.72000	6.09819	2038.64500
.800	-5.543	879.73390	1341.34000	394.36210	496.48140	100.40000	2.49754	889.63990	1051.78999	6.08375	2038.61000
.800	-5.050	880.11230	1341.03999	393.88260	496.57420	100.40000	2.49596	890.01000	1051.82001	6.04825	2038.61000
.800	-4.560	879.81860	1341.11000	394.13430	496.51930	100.40000	2.49670	889.72000	1051.87000	6.02347	2038.61000
.800	-4.061	879.46610	1341.03000	394.31470	496.47090	100.40000	2.49708	889.36990	1051.92999	6.02383	2038.57500
.800	-3.571	879.62260	1340.73000	393.98630	496.52780	100.40000	2.49589	889.51980	1051.99001	6.00082	2038.57500
.800	-3.084	879.70140	1340.86000	394.02930	496.52690	100.40000	2.49615	889.59990	1052.05000	5.95904	2038.57500
.800	-2.598	879.79830	1341.11000	394.14820	496.51610	100.40000	2.49673	889.70000	1052.10001	5.95792	2038.61000
.800	-2.115	879.65500	1341.23000	394.33450	496.48020	100.40000	2.49735	889.55980	1052.14000	5.99856	2038.61000
.800	-1.639	879.72800	1341.08000	394.17360	496.50810	100.40000	2.49676	889.62990	1052.20000	5.97180	2038.57500
.800	-1.172	879.54880	1340.91000	394.16970	496.49710	100.40000	2.49657	889.45000	1052.25999	5.94509	2038.61000
.800	-.707	879.83520	1340.67000	393.79740	496.56860	100.40000	2.49533	889.73000	1052.32001	5.93247	2038.61000
.800	-.240	879.84890	1341.12000	394.12130	496.52320	100.40000	2.49667	889.75000	1052.39000	5.90316	2038.57500
.800	-.271	879.71870	1341.03999	394.15040	496.51070	100.40000	2.49666	889.61990	1052.44000	5.87633	2038.61000
.800	.804	879.98320	1340.89999	393.86690	496.56810	100.40000	2.49577	889.87990	1052.50000	5.78268	2038.61000
GRADIENT		.04107	-.00867	-.03434	.00756	-.00000	-.00010	.04057	.11747	-.03532	.00327

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(VCMO46) ( 04 OCT 91 )

PARAMETRIC DATA

BETA = -1.500 PHI = 180.000

RUN NO. 1496/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	P	PT	O (PSF)	T (R)	TT (F)	RN/L	PC	PREF	SH10+3	PATM
.900	-7.048	753.10890	1273.39000	426.77510	481.25070	99.50000	2.50241	763.11990	979.03980	1.67228	2036.72000
.900	-6.537	752.76930	1273.17000	426.82590	481.12650	99.39999	2.50283	762.77980	979.07980	1.66827	2036.72000
.900	-6.041	752.92190	1273.08000	426.67360	481.16410	99.39999	2.50239	762.92990	979.11990	1.67268	2036.68500
.900	-5.549	752.62230	1272.89999	426.72830	481.12870	99.39999	2.50229	762.62990	979.15990	1.68586	2036.72000
.900	-5.050	752.75320	1272.91000	426.65720	481.32350	99.59999	2.50099	762.76000	979.21000	1.69018	2036.72000
.900	-4.558	752.90060	1273.17000	426.74800	481.40840	99.70000	2.50093	762.90990	979.24000	1.68550	2036.72000
.900	-4.063	752.30830	1273.00000	426.98340	481.40480	99.80000	2.50066	762.31980	979.26980	1.67279	2036.72000
.900	-3.572	752.56910	1273.09000	426.89010	481.44260	99.80000	2.50056	762.57980	979.30980	1.66409	2036.68500
.900	-3.081	752.48880	1273.06000	426.91720	481.51730	99.89999	2.50001	762.50000	979.35990	1.63865	2036.68500
.900	-2.598	752.70310	1272.86000	426.65260	481.57810	99.89999	2.49918	762.71000	979.39990	1.63049	2036.72000
.900	-2.120	752.99370	1273.00000	426.57590	481.61600	99.89999	2.49919	763.00000	979.45000	1.62193	2036.72000
.900	-1.646	752.72310	1272.87000	426.64750	481.75270	100.10000	2.49803	762.73000	979.48000	1.62210	2036.72000
.900	-1.179	752.82100	1273.08000	426.73340	481.57590	99.89999	2.49963	762.82980	979.51980	1.62601	2036.68500
.900	-.715	752.50050	1272.96001	426.84180	481.61620	100.00000	2.49915	762.51000	979.54980	1.63878	2036.68500
.900	-.252	752.80320	1272.91000	426.62720	481.67700	100.00000	2.49861	762.80980	979.57980	1.64730	2036.68500
.900	.258	752.83230	1272.99001	426.66500	481.75980	100.10000	2.49822	762.83980	979.63990	1.64296	2036.68500
.900	.790	752.89480	1272.85001	426.53150	481.87230	100.20000	2.49718	762.89990	979.68990	1.64314	2036.64999
GRADIENT		.04689	-.03541	-.05222	.07707	.07516	-.00059	.04606	.08371	-.00634	-.00874

RUN NO. 1479/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	P	PT	O (PSF)	T (R)	TT (F)	RN/L	PC	PREF	SH10+3	PATM
1.099	-7.023	565.08400	1205.78000	478.18900	450.53910	99.80000	2.49971	575.26980	917.01980	1.30621	2038.12000
1.100	-6.508	564.93190	1205.92000	478.33030	450.73100	100.10000	2.49835	575.11990	917.03980	1.29578	2038.12000
1.100	-6.010	564.81050	1206.02000	478.43680	450.61230	100.00000	2.49922	575.00000	917.06980	1.28208	2038.08501
1.100	-5.508	564.87990	1206.09000	478.45000	450.62060	100.00000	2.49935	575.06980	917.10990	1.23873	2038.12000
1.100	-5.015	564.84940	1206.14000	478.49120	450.68870	100.10000	2.49889	575.03980	917.12990	1.23541	2038.08501
1.100	-4.511	564.92940	1206.13000	478.45360	450.70800	100.10000	2.49883	575.11990	917.14990	1.22889	2038.08501
1.100	-4.020	564.88060	1206.03999	478.42040	451.27030	100.80000	2.49457	575.06980	917.48000	1.18736	2038.12000
1.100	-3.523	564.89970	1206.12000	478.45950	451.26590	100.80000	2.49475	575.08980	917.48000	1.19360	2038.08501
1.100	-3.028	564.93120	1205.99001	478.37130	451.28710	100.80000	2.49444	575.11990	917.51980	1.20008	2038.08501
1.100	-2.529	564.96390	1205.75999	478.22490	451.07740	100.50000	2.49564	575.14990	917.72000	1.14729	2037.91000
1.099	-2.044	565.14330	1205.85001	478.20610	451.10890	100.50000	2.49576	575.32980	917.73000	1.14416	2037.91000
1.100	-1.555	564.95390	1205.77000	478.23460	450.75200	100.10000	2.49799	575.13990	917.83980	1.07897	2037.84000
1.100	-1.069	565.06230	1205.91000	478.27290	450.76200	100.10000	2.49826	575.25000	917.83980	1.07884	2037.87500
1.100	-.589	564.83790	1206.25999	478.56540	450.67330	100.10000	2.49917	575.02980	917.88990	1.07853	2037.87500
1.100	-.115	565.09130	1206.00999	478.31980	450.75780	100.10000	2.49848	575.27980	917.86990	1.07587	2037.87500
1.100	.393	564.92040	1206.06000	478.41630	450.71340	100.10000	2.49867	575.10990	917.87990	1.07871	2037.87500
1.100	.911	564.99170	1205.96001	478.33010	450.65990	100.00000	2.49900	575.17990	917.87990	1.07880	2037.87500
GRADIENT		.01444	-.00560	-.00897	-.09586	-.12388	.00070	.01436	.11917	-.03087	-.05146

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(VCMO46) ( 04 OCT 91 )

PARAMETRIC DATA

BETA = -1.500 PHI = 180.000

RUN NO. 1519/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	P	PT	Q(PSF)	T(R)	TT(F)	RN/L	PC	PREF	SH10+3	PATM
1.250	-7.038	462.53370	1197.92000	505.80790	426.20430	99.70000	2.50168	472.65990	864.45000	1.36769	2035.88000
1.250	-6.525	462.69090	1198.24001	505.93550	426.21310	99.70000	2.50236	472.81980	864.46000	1.36733	2035.88000
1.250	-6.031	462.70210	1198.08000	505.85210	426.15620	99.59999	2.50262	472.82980	864.46000	1.32157	2035.84500
1.250	-5.532	462.72360	1197.83000	505.72050	426.18730	99.59999	2.50211	472.84990	864.46000	1.35706	2035.84500
1.250	-5.034	462.64400	1197.81000	505.72780	426.16850	99.59999	2.50207	472.76980	864.43990	1.34997	2035.88000
1.250	-4.540	462.46460	1197.81000	505.76710	426.12110	99.59999	2.50204	472.58980	864.42990	1.33937	2035.88000
1.250	-4.046	462.47270	1198.10001	505.91240	426.09370	99.59999	2.50263	472.59990	864.43990	1.33202	2035.88000
1.250	-3.558	462.60450	1197.75000	505.70610	426.08790	99.50000	2.50253	472.73000	864.43990	1.32542	2035.91499
1.250	-3.068	462.55490	1197.71001	505.69650	426.07890	99.50000	2.50244	472.67990	864.41990	1.32197	2035.88000
1.250	-2.578	462.47310	1198.02000	505.87180	426.02590	99.50000	2.50306	472.59990	864.41990	1.30434	2035.88000
1.250	-2.091	462.76030	1198.30000	505.95070	426.14920	99.59999	2.50308	472.88990	864.40990	1.29376	2035.88000
1.249	-1.615	462.95970	1198.34000	505.92720	426.19750	99.59999	2.50319	473.08980	864.41990	1.28352	2035.88000
1.250	-1.143	462.68920	1198.49001	506.06250	426.11110	99.59999	2.50346	472.81980	864.39990	1.33158	2035.88000
1.250	-.675	462.43480	1197.78000	505.75830	426.11650	99.59999	2.50198	472.55980	864.38990	1.33588	2035.88000
1.250	-.208	462.41460	1197.82001	505.78320	426.18310	99.70000	2.50147	472.53980	864.40990	1.33584	2035.88000
1.250	.305	462.71170	1198.14000	505.88040	426.22880	99.70000	2.50216	472.83980	864.38990	1.33548	2035.88000
1.250	.836	462.66330	1197.91000	505.77440	426.31570	99.80000	2.50109	472.78980	864.39990	1.33574	2035.84500
GRADIENT		.02399	.02741	.00865	.03270	.03828	-.00017	.02422	-.00860	.00143	-.00464

RUN NO. 1535/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	P	PT	Q(PSF)	T(R)	TT(F)	RN/L	PC	PREF	SH10+3	PATM
1.400	-7.035	381.81670	1214.58000	523.64890	402.03370	99.89999	2.49857	391.51980	880.18990	1.25634	2035.39000
1.400	-6.521	382.07930	1215.28999	523.95430	402.11770	100.00000	2.49947	391.78980	880.20000	1.25560	2035.42500
1.400	-6.028	381.76680	1214.66000	523.68510	402.08330	100.00000	2.49809	391.47000	880.20000	1.25294	2035.42500
1.400	-5.528	382.13840	1215.33000	523.97070	401.98780	99.80000	2.50077	391.84990	880.17990	1.25225	2035.39000
1.400	-5.029	381.56930	1214.58000	523.65410	401.88770	99.80000	2.49898	391.26980	880.15990	1.24972	2035.39000
1.400	-4.534	381.95970	1215.45000	524.02690	402.06640	100.00000	2.49967	391.66990	880.13990	1.25212	2035.39000
1.400	-4.047	381.80640	1214.62000	523.66670	401.95510	99.80000	2.49923	391.50980	880.14990	1.24638	2035.39000
1.400	-3.554	381.99050	1215.28999	523.95630	402.09080	100.00000	2.49940	391.70000	880.14990	1.24899	2035.39000
1.400	-3.057	381.92310	1214.96001	523.81320	402.10180	100.00000	2.49875	391.62990	880.11990	1.24933	2035.39000
1.400	-2.570	381.64750	1214.74001	523.72240	402.03980	100.00000	2.49815	391.34990	880.10990	1.24955	2035.39000
1.400	-2.084	381.99170	1215.07001	523.85990	401.96830	99.80000	2.50019	391.70000	880.09990	1.25252	2035.39000
1.400	-1.602	381.75710	1214.64000	523.67650	402.08200	100.00000	2.49804	391.46000	880.09990	1.25627	2035.39000
1.400	-.660	382.05000	1215.21001	523.94210	402.10550	100.00000	2.49938	391.74000	880.04980	1.26896	2035.39000
1.400	-.191	381.84590	1214.64000	523.91990	402.04440	99.89999	2.49990	391.75980	880.04980	1.26901	2035.39000
1.399	.320	382.12960	1215.14000	523.67480	402.18070	100.10000	2.49752	391.54980	880.04980	1.26626	2035.42500
1.400	.847	381.70730	1214.64999	523.88770	402.07500	99.89999	2.49983	391.83980	880.03980	1.25576	2035.39000
GRADIENT		.00442	-.04574	-.02010	.00658	.00127	-.00009	.00420	-.02473	.00267	-.00170

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(VCMO46) ( 04 OCT 91 )

PARAMETRIC DATA

BETA = -1.500 PHI = 180.000  
 RUN NO. 1553/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	P	PT	Q(PSF)	T(R)	TT(F)	RN/L	PC	PREF	SH10+3	PATM
1.450	-7.050	358.83620	1225.74001	528.06740	394.92110	101.30000	2.49097	368.30980	893.55980	1.39747	2035.28500
1.450	-6.544	359.04350	1225.71001	528.06540	394.98900	101.30000	2.49111	368.51980	893.55980	1.40483	2035.25000
1.450	-6.052	358.81370	1226.25000	528.27830	394.93750	101.40000	2.49125	368.28980	893.57980	1.40054	2035.21500
1.450	-5.558	358.75660	1225.89999	528.12990	394.88130	101.30000	2.49117	368.23000	893.59990	1.40461	2035.21500
1.450	-5.064	359.17800	1226.37000	528.34690	394.97070	101.30000	2.49240	368.65990	893.59990	1.40407	2035.25000
1.450	-4.572	358.77510	1226.12000	528.22240	394.93730	101.40000	2.49098	368.25000	893.63990	1.40069	2035.25000
1.450	-4.076	358.84670	1225.63000	528.02220	395.00490	101.40000	2.49019	368.31980	893.62990	1.40860	2035.25000
1.450	-3.587	358.69560	1226.23000	528.26390	394.90230	101.40000	2.49110	368.16990	893.64990	1.39691	2035.28500
1.450	-3.103	358.94260	1226.12000	528.23100	394.99000	101.40000	2.49114	368.41990	893.65990	1.40069	2035.28500
1.450	-2.622	359.01250	1225.99001	528.18040	395.02390	101.40000	2.49098	368.49000	893.64990	1.40502	2035.28500
1.450	-2.142	358.85690	1225.53999	527.98540	395.01660	101.40000	2.49004	368.48000	893.65990	1.40428	2035.28500
1.450	-1.677	359.00150	1226.19000	528.26290	395.02220	101.40000	2.49132	368.32980	893.64990	1.40416	2035.28500
1.450	-1.213	358.91210	1226.28999	528.30000	394.96480	101.40000	2.49141	368.38990	893.68990	1.40458	2035.28500
1.450	-7.759	358.90430	1225.92999	528.14990	394.92500	101.30000	2.49136	368.37990	893.66990	1.40814	2035.28500
1.450	-3.04	358.90380	1226.03000	528.19170	394.91580	101.30000	2.49154	368.37990	893.68990	1.42328	2035.28500
1.450	-.206	358.62920	1225.73000	528.05270	394.85690	101.30000	2.49075	368.09990	893.67990	1.43474	2035.28500
1.450	.745	358.75850	1225.50000	527.96360	394.84840	101.20000	2.49106	368.23000	893.67990	.00445	.00510
GRADIENT		-.00752	-.05005	-.02120	-.01996	-.03153	.00009	-.00788	.00984		

RUN NO. 1637/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	P	PT	Q(PSF)	T(R)	TT(F)	RN/L	PC	PREF	SH10+3	PATM
1.469	-7.049	348.18700	1222.76405	526.13779	390.67110	100.90000	2.49396	357.52980	888.51000	1.39014	2032.48500
1.470	-6.543	347.93120	1222.76505	526.11779	390.58620	100.90000	2.49374	357.26980	888.51000	1.39010	2032.52000
1.469	-6.046	348.18850	1222.48917	526.02658	390.69680	100.90000	2.49347	357.52980	888.51980	1.39045	2032.45000
1.470	-5.553	347.59810	1222.34576	525.91988	390.50830	100.90000	2.49283	356.92990	888.52980	1.39410	2032.41499
1.470	-5.062	347.83400	1222.47928	525.99268	390.58060	100.90000	2.49315	357.16990	888.51980	1.39042	2032.45000
1.470	-4.564	347.94140	1222.69684	526.09042	390.60230	100.90000	2.49351	357.27980	888.51980	1.38663	2032.45000
1.469	-4.074	348.08980	1222.59557	526.06193	390.66060	100.90000	2.49346	357.42990	888.52980	1.38676	2032.41499
1.469	-3.584	348.12040	1222.31465	525.94928	390.69040	100.90000	2.49312	356.96000	888.51000	1.39064	2032.41499
1.470	-3.097	347.62700	1222.56429	526.01060	390.50420	100.90000	2.49312	356.96000	888.52980	1.39029	2032.34500
1.470	-2.615	347.70650	1222.44463	525.96826	390.54790	100.90000	2.49286	357.03980	888.53980	1.38689	2032.34500
1.469	-2.134	348.24710	1222.56448	526.06089	390.70950	100.90000	2.49366	357.58980	888.51980	1.39037	2032.34500
1.469	-1.666	348.15800	1222.74083	526.12596	390.66990	100.90000	2.49377	357.50000	888.51980	1.38660	2032.34500
1.470	-1.202	347.85300	1223.29147	526.32561	390.57400	100.90000	2.49341	357.18990	888.51000	1.35433	2032.34500
1.469	-.744	348.11870	1222.78490	526.14073	390.65920	100.90000	2.49369	357.46000	888.52980	1.38300	2032.34500
1.470	-.283	347.99120	1222.66245	526.08085	390.69800	101.00000	2.49277	357.32980	888.52980	1.38313	2032.34500
1.470	.229	347.75490	1222.75215	526.09814	390.61740	101.00000	2.49261	357.08980	888.51000	1.37946	2032.31000
1.469	.766	348.19730	1222.97888	526.22602	390.74950	101.00000	2.49337	357.53980	888.51000	1.37573	2032.31000
GRADIENT		.01266	.07852	.03303	.01535	.01968	-.00006	.01297	-.00178	-.00274	-.02186



IA310 (AEDC 16TF-783) PROBE CALIBRATION

(VCMO46) ( 04 OCT 91 )

PARAMETRIC DATA

RUN NO. 1588/ O														RUN NO. 1604/ O													
RN/L = 2.50														RN/L = 2.49													
GRADIENT INTERVAL = -5.00/ 5.00														GRADIENT INTERVAL = -5.00/ 5.00													
BETA = -1.500														PHI = 180.000													
PHI = 180.000														PHI = 180.000													
MACH	ALPHA	P	PT	Q(PSF)	T(R)	TT(F)	RN/L	PC	PREF	SH10+3	PATM	MACH	ALPHA	P	PT	Q(PSF)	T(R)	TT(F)	RN/L	PC	PREF	SH10+3	PATM				
1.492	-7.051	337.75120	1225.61597	526.28029	386.12480	100.20000	2.49965	346.95000	896.85990	1.59810	2033.67500	1.515	-7.051	327.02220	1226.72649	525.32771	382.48120	100.80000	2.49275	336.03980	905.50000	1.83219	2033.81500				
1.492	-6.544	337.64280	1225.66650	526.28803	386.08400	100.20000	2.49963	346.93980	896.87990	1.59803	2033.67500	1.515	-6.539	327.12960	1226.67181	525.32278	382.51100	100.80000	2.49301	336.14990	905.51000	1.84147	2033.78000				
1.492	-6.047	337.77050	1225.69649	526.31441	386.12380	100.20000	2.49981	346.97000	896.86990	1.59800	2033.64000	1.514	-6.041	327.34570	1226.61772	525.33392	382.59010	100.80000	2.49314	336.36990	905.51980	1.84159	2033.74500				
1.492	-5.549	337.64210	1225.81442	526.34685	386.07060	100.20000	2.49988	346.83980	896.86990	1.59783	2033.64000	1.514	-5.548	327.39480	1225.95786	525.08730	382.61080	100.80000	2.49312	336.41990	905.52980	1.88446	2033.78000				
1.492	-5.053	337.66460	1224.99956	526.02538	386.13380	100.20000	2.49884	346.85990	896.88990	1.61109	2033.64000	1.514	-5.057	327.29660	1226.62207	525.32805	382.57280	100.80000	2.49310	336.31980	905.51980	1.84158	2033.78000				
1.491	-4.560	337.39110	1224.46254	525.78074	386.07910	100.20000	2.49786	346.57980	896.86990	1.61994	2033.64000	1.514	-4.559	327.08010	1226.06802	525.08378	382.48020	100.80000	2.49321	336.09990	905.52980	1.89366	2033.78000				
1.492	-3.579	337.20830	1223.59897	525.41637	386.16500	100.30000	2.49558	346.74000	896.88990	1.62476	2033.67500	1.514	-4.069	327.21780	1225.96596	525.06440	382.60520	100.90000	2.49259	336.24000	905.53980	1.89384	2033.74500				
1.492	-3.091	337.02370	1223.37108	525.30386	386.14750	100.30000	2.49455	346.20000	896.86990	1.60503	2033.67500	1.513	-3.577	327.19850	1225.88551	525.03075	382.60570	100.90000	2.49243	336.22000	905.53980	1.89396	2033.74500				
1.492	-2.605	337.02560	1223.08609	525.19050	386.18530	100.30000	2.49384	346.20000	896.85990	1.59730	2033.64000	1.515	-3.091	327.44410	1225.51553	524.92411	382.69820	100.90000	2.49254	336.47000	905.55980	1.91395	2033.78000				
1.492	-2.127	336.92920	1222.44955	524.92666	386.19310	100.30000	2.49298	346.09990	896.86990	1.61030	2033.64000	1.514	-2.608	326.98290	1226.26590	525.14513	382.53440	100.90000	2.49214	336.00000	905.53980	1.86521	2033.81500				
1.492	-1.658	336.79420	1222.21930	524.81931	386.19800	100.30000	2.49189	345.96000	896.84990	1.59033	2033.67500	1.514	-2.126	327.17920	1225.45573	524.86192	382.60620	100.90000	2.49217	336.20000	905.55980	1.91837	2033.74500				
1.492	-1.189	337.18040	1223.68600	525.44701	386.18900	100.30000	2.49492	346.35990	896.83980	1.59249	2033.67500	1.514	-1.656	327.08280	1225.07574	524.69946	382.61350	100.90000	2.49140	336.03990	905.56980	1.91418	2033.71001				
1.492	-0.729	337.47120	1224.69168	525.88064	386.20090	100.30000	2.49684	346.65990	896.86990	1.58718	2033.67500	1.514	-1.192	327.17020	1225.26889	524.78854	382.61990	100.90000	2.49194	336.18990	905.55980	1.91866	2033.71001				
1.492	-0.244	337.53980	1224.63297	525.86401	386.22340	100.30000	2.49692	346.73000	896.85990	1.59129	2033.67500	1.514	-0.731	327.12060	1225.45113	524.85165	382.59280	100.90000	2.49208	336.13990	905.55980	1.91359	2033.74500				
1.491	.244	337.75460	1224.72226	525.92411	386.26980	100.30000	2.49763	346.95000	896.86990	1.60333	2033.67500	1.514	-0.269	327.20950	1225.37468	524.83441	382.63650	100.90000	2.49193	336.23000	905.55980	1.90897	2033.78000				
1.492	.780	337.46000	1224.66353	525.86812	386.17070	100.30000	2.49734	346.64990	896.85990	1.60744	2033.67500	1.514	.244	327.15110	1225.33052	524.80849	382.62670	100.90000	2.49167	336.16990	905.56980	1.90428	2033.78000				
GRADIENT		.05347	.17708	.07638	.01857	.01463	.00015	.05488	-.00426	-.00480	.00370	GRADIENT		-.01608	-.15312	-.06171	.01000	.00806	-.00026	-.01687	.00752	.00304	.00020				

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(VCM046) ( 04 OCT 91 )

PARAMETRIC DATA

BETA = -1.500 PHI = 180.000

RUN NO. 1619/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	P	PT	Q(PSF)	T(R)	TT(F)	RN/L	PC	PREF	SH10+3	PATM
1.542	-7.046	317.79350	1240.96115	529.20815	378.86500	101.20000	2.49284	326.64990	908.26000	1.35115	2033.53500
1.543	-6.539	317.72440	1241.03993	529.22517	378.82420	101.20000	2.49308	326.57980	908.25000	1.35803	2033.53500
1.542	-6.048	317.82200	1240.96989	529.21683	378.78300	101.10000	2.49394	326.67990	908.22000	1.36864	2033.53500
1.542	-5.548	317.90920	1241.08199	529.27560	378.85690	101.20000	2.49390	326.76980	908.21000	1.37912	2033.53500
1.542	-5.058	317.87010	1240.84933	529.17948	378.84450	101.20000	2.49383	326.73000	908.22000	1.39361	2033.53500
1.542	-4.560	318.14230	1241.01967	529.29386	378.90090	101.20000	2.49490	327.00980	908.21000	1.41144	2033.53500
1.541	-4.070	318.00510	1239.93475	528.85609	378.84300	101.20000	2.49492	326.86990	908.17990	1.49056	2033.50000
1.542	-3.579	317.83860	1239.77379	528.76319	378.78810	101.20000	2.49466	326.70000	908.16990	1.49835	2033.50000
1.541	-3.091	318.02370	1240.05254	528.90437	378.82350	101.20000	2.49544	326.88990	908.16990	1.50186	2033.53500
1.541	-2.604	318.09160	1240.06128	528.92001	378.83620	101.20000	2.49573	326.96000	908.15990	1.50952	2033.50000
1.541	-2.126	317.95510	1239.82573	528.80453	378.79830	101.20000	2.49538	326.81980	908.12990	1.51749	2033.53500
1.541	-1.657	317.48320	1237.52747	527.84618	378.82570	101.20000	2.49115	326.32980	908.11990	1.52804	2033.53500
1.541	-1.191	317.63770	1237.90361	528.01778	378.83080	101.20000	2.49227	326.49000	908.11990	1.53929	2033.57001
1.541	-.729	318.19820	1239.86086	528.86297	378.84400	101.20000	2.49642	327.06980	908.11990	1.54474	2033.53500
1.541	-.268	318.29490	1240.04510	528.95094	378.85110	101.20000	2.49704	327.16990	908.09990	1.55238	2033.53500
1.541	.244	317.94480	1239.30870	528.60619	378.78200	101.20000	2.49561	326.80980	908.07980	1.56116	2033.53500
1.541	.779	317.91890	1238.31985	528.22722	378.86110	101.20000	2.49390	326.77980	908.03980	1.56243	2033.53500
GRADIENT		-.00632	-.31712	-.12164	-.00319	-.00000	.00001	-.00645	-.02662	.02179	.00553

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(VCM047) ( 04 OCT 91 )

PARAMETRIC DATA

BETA = -1.000 PHI = 180.000

RUN NO. 1573/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	P	PT	Q(PSF)	T(R)	TT(F)	RN/L	PC	PREF	SH10+3	PATM
.601	-7.040	1251.79900	1597.50999	316.15600	522.37520	100.40000	2.49938	1261.57001	1304.03000	96485	2034.83000
.600	-6.534	1252.03999	1596.62000	315.21000	522.39380	100.30000	2.49577	1261.78999	1304.03999	96539	2034.86501
.600	-6.039	1252.00000	1597.10001	315.64620	522.34420	100.30000	2.49776	1261.75999	1304.06000	98826	2034.79500
.601	-5.542	1251.13000	1596.89999	316.19090	522.25930	100.30000	2.49356	1260.89999	1304.06000	99098	2034.83000
.600	-5.046	1252.18500	1596.95000	315.36790	522.38040	100.30000	2.49662	1261.94000	1304.08000	97029	2034.83000
.601	-4.554	1250.89500	1596.49001	316.03960	522.36280	100.40000	2.49810	1260.66000	1304.10001	97057	2034.86501
.600	-4.061	1252.19400	1597.52000	315.83980	522.42140	100.40000	2.49825	1261.96001	1304.12000	96995	2034.86501
.600	-3.565	1251.29300	1596.38000	315.62060	522.32740	100.30000	2.49705	1261.05000	1304.14000	97064	2034.89999
.601	-3.079	1251.21500	1597.22000	316.39040	522.23950	100.30000	2.50056	1260.99001	1304.16000	97269	2034.83000
.600	-2.593	1252.47000	1596.92999	315.11740	522.50950	100.40000	2.49513	1262.22000	1304.17000	97287	2034.83000
.600	-2.111	1251.77800	1596.50999	315.33200	522.46630	100.40000	2.49555	1261.53000	1304.21001	97826	2034.79500
.600	-1.635	1251.54800	1596.85001	315.80660	522.31370	100.30000	2.49813	1261.31000	1304.24001	99887	2034.79500
.601	-1.184	1250.90700	1596.34000	315.90280	522.28490	100.30000	2.49804	1260.67000	1304.25999	98354	2034.79500
.600	-.750	1251.76601	1597.11000	315.84670	522.40870	100.40000	2.49793	1261.53000	1304.30000	97790	2034.79500
.601	-.330	1251.68300	1597.16000	315.95560	522.39400	100.40000	2.49836	1261.45000	1304.33000	97787	2034.75999
.600	.229	1251.96100	1597.00000	315.59400	522.44210	100.40000	2.49592	1261.72000	1304.35001	97796	2034.72501
.600	.751	1251.93300	1597.35001	315.91090	522.40620	100.40000	2.49836	1261.70000	1304.37000	97518	2034.72501
GRADIENT		.07357	.06000	-.00991	.00842	.00568	-.00002	.07368	.05409	.00188	-.02991

RUN NO. 1463/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	P	PT	Q(PSF)	T(R)	TT(F)	RN/L	PC	PREF	SH10+3	PATM
.800	-7.034	879.88090	1340.99001	394.00320	496.54200	100.40000	2.49622	889.77980	1052.74001	5.70260	2038.57500
.800	-6.520	879.63700	1341.11000	394.25810	496.49000	100.40000	2.49702	889.53980	1052.82001	5.67575	2038.61000
.800	-6.027	879.85060	1341.00999	394.03880	496.53520	100.40000	2.49634	889.75000	1052.87000	5.66304	2038.61000
.800	-5.527	879.58760	1341.02000	394.22490	496.58030	100.50000	2.49626	889.49000	1052.92999	5.63683	2038.64500
.800	-5.033	879.80250	1340.85001	393.95310	496.63310	100.50000	2.49536	889.70000	1052.99001	5.62450	2038.61000
.800	-4.537	879.74610	1341.22000	394.26490	496.58470	100.50000	2.49658	889.64990	1053.06000	5.59693	2038.61000
.800	-4.040	879.72750	1341.11000	394.19630	496.59330	100.50000	2.49628	889.62990	1053.12000	5.55858	2038.61000
.800	-3.545	879.75000	1340.97000	394.07740	496.61180	100.50000	2.49582	889.64990	1053.16000	5.50781	2038.61000
.800	-3.053	879.64840	1341.00999	394.17600	496.59110	100.50000	2.49612	889.54980	1053.21001	5.46940	2038.57500
.800	-2.562	879.65750	1341.07001	394.21410	496.58620	100.50000	2.49629	889.55980	1053.27000	5.43116	2038.57500
.800	-2.078	879.66920	1340.96001	394.12480	496.59990	100.50000	2.49593	889.56980	1053.30000	5.40641	2038.57500
.800	-1.602	879.50630	1341.03000	394.28740	496.56620	100.50000	2.49593	889.40990	1053.35001	5.36853	2038.61000
.800	-1.135	879.57640	1341.08000	394.27660	496.57230	100.50000	2.49646	889.48000	1053.41000	5.35585	2038.57500
.800	-.689	879.66890	1340.98000	394.13960	496.59770	100.50000	2.49599	889.56980	1053.44000	5.33138	2038.57500
.800	-.253	879.88160	1340.94000	393.96560	496.63620	100.50000	2.49550	889.77980	1053.52000	5.31914	2038.57500
.800	.258	879.85110	1340.97000	394.00880	496.62820	100.50000	2.49564	889.75000	1053.57001	5.30664	2038.53999
.800	.818	879.80910	1341.07001	394.11130	496.61080	100.50000	2.49602	889.71000	1053.60001	5.26928	2038.57500
GRADIENT		.01699	-.02301	-.02857	.00520	.00000	-.00010	.01648	.10287	-.05946	-.00894

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(VCM047) ( 04 OCT 91 )

PARAMETRIC DATA

BETA = -1.000 PHI = 180.000

RUN NO. 1497/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	P	PT	Q(PSF)	T(R)	TT(F)	RN/L	PC	PREF	SH10+3	PATM
.900	-7.028	753.00680	1273.50000	426.91160	481.99460	100.40000	2.49766	763.01980	979.83980	1.56783	2036.64999
.900	-6.518	753.04390	1272.99001	426.53880	482.05660	100.40000	2.49621	763.04980	979.88990	1.55233	2036.61501
.901	-6.023	752.31400	1273.32001	427.20000	481.88750	100.40000	2.49807	762.32980	979.92990	1.53595	2036.64999
.900	-5.527	752.63110	1272.98000	426.77780	481.98220	100.40000	2.49672	762.63990	979.95000	1.54034	2036.64999
.900	-5.031	752.80520	1272.78000	426.53690	482.12180	100.50000	2.49537	762.80980	979.97000	1.54458	2036.61501
.900	-4.534	752.56910	1273.06000	426.86940	482.04830	100.50000	2.49645	762.57980	980.01980	1.55626	2036.58000
.900	-4.040	752.57030	1273.00000	426.82760	482.14110	100.60000	2.49571	762.57980	980.03980	1.57269	2036.61501
.900	-3.545	752.44140	1272.85001	426.80130	482.13380	100.60000	2.49546	762.45000	980.07980	1.57269	2036.58000
.900	-3.052	752.65260	1272.89000	426.70340	482.16800	100.60000	2.49530	762.65990	980.11990	1.57264	2036.58000
.900	-2.564	752.70070	1273.03000	426.77080	482.07570	100.50000	2.49619	762.71000	980.13990	1.55630	2036.58000
.900	-2.081	752.80250	1272.96001	426.66190	482.10180	100.50000	2.49587	762.80980	980.15990	1.55237	2036.61501
.900	-1.604	752.92410	1272.91000	426.55520	482.04350	100.40000	2.49615	762.92990	980.20000	1.54442	2036.58000
.900	-1.142	752.72020	1273.08000	426.79370	481.90160	100.30000	2.49746	762.73000	980.22000	1.54022	2036.58000
.900	-.697	752.82250	1272.96001	426.65010	481.84720	100.20000	2.49757	762.82980	980.24000	1.53242	2036.58000
.900	-.264	752.70000	1273.08000	426.80570	481.63990	100.00000	2.49921	762.71000	980.25980	1.52436	2036.54500
.900	.295	752.80180	1273.00999	426.69680	481.57980	99.89999	2.49946	762.80980	980.29980	1.50874	2036.54500
.900	.811	752.83180	1273.03000	426.69290	481.66940	100.00000	2.49890	762.83980	980.32980	1.50091	2036.54500
GRADIENT		.05728	.01293	-.02515	-.10752	-.13548	.00074	.05703	.05751	-.01320	-.00940

RUN NO. 1480/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	P	PT	Q(PSF)	T(R)	TT(F)	RN/L	PC	PREF	SH10+3	PATM
1.100	-7.018	564.93020	1206.07001	478.41820	450.63430	100.00000	2.49928	575.11990	917.98000	1.07007	2037.87500
1.100	-6.500	564.82230	1205.88000	478.35060	450.62990	100.00000	2.49889	575.01000	918.01980	1.07887	2037.84000
1.100	-6.007	564.79220	1205.85001	478.34470	450.62620	100.00000	2.49884	574.98000	918.01000	1.07027	2037.87500
1.100	-5.504	564.79050	1206.00999	478.43870	450.76980	100.20000	2.49804	574.98000	918.01000	1.07299	2037.87500
1.100	-5.009	564.82320	1205.77000	478.28610	450.80270	100.20000	2.49747	575.01000	918.01980	1.07321	2037.87500
1.100	-4.502	564.93160	1205.95000	478.34790	450.56670	99.89999	2.49958	575.11990	918.04980	1.08170	2037.87500
1.100	-4.011	565.01050	1206.09000	478.39820	450.56980	99.89999	2.49987	575.20000	918.04980	1.07292	2037.91000
1.100	-3.512	564.79150	1205.92999	478.39180	450.61740	100.00000	2.49902	574.98000	918.05980	1.08172	2037.91000
1.100	3.012	565.15190	1205.99001	478.28420	450.69310	100.00000	2.49899	575.33980	918.06980	1.07589	2037.87500
1.100	-2.518	564.96240	1205.88000	478.29520	450.66190	100.00000	2.49883	575.14990	918.08980	1.07599	2037.87500
1.100	-2.028	564.69020	1206.02000	478.48410	450.58470	100.00000	2.49927	574.87990	918.08980	1.07012	2037.87500
1.100	-1.542	564.96090	1206.00999	478.37130	450.64750	100.00000	2.49913	575.14990	918.09990	1.06156	2037.87500
1.100	-1.059	565.01390	1205.75000	478.19900	450.68750	100.00000	2.49850	575.20000	918.09990	1.06179	2037.87500
1.100	-.588	565.16110	1206.05000	478.31540	450.68900	100.00000	2.49912	575.34990	918.09990	1.05868	2037.87500
1.100	-.136	564.96950	1206.13000	478.43770	450.63670	100.00000	2.49940	575.15990	918.10990	1.05578	2037.87500
1.100	.432	565.02030	1206.09000	478.39430	450.65260	100.00000	2.49928	575.21000	918.12990	1.05865	2037.87500
1.100	.927	564.83110	1205.97000	478.39320	450.62230	100.00000	2.49909	575.01980	918.15990	1.06159	2037.87500
GRADIENT		.00475	.01056	.00424	.01149	.01430	-.00006	.00488	.01765	-.00475	-.00397

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(VCM047) ( 04 OCT 91 )

PARAMETRIC DATA

BETA = -1.000 PHI = 180.000

RUN NO. 1520/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	P	PT	Q(PSF)	T(R)	TT(F)	RN/L	PC	PREF	SH10+3	PATM
1.250	-7.027	462.74950	1198.42999	506.01900	426.28540	99.80000	2.50216	472.87990	864.38990	1.32815	2035.84500
1.250	-6.514	462.49410	1197.88000	505.79610	426.27420	99.80000	2.50101	472.61990	864.38990	1.32876	2035.84500
1.250	-6.016	462.19850	1197.32001	505.57710	426.25320	99.80000	2.49983	472.31980	864.38990	1.32589	2035.84500
1.250	-5.518	462.69850	1198.60001	506.11620	426.25490	99.80000	2.50250	472.82980	864.40990	1.32447	2035.81000
1.250	-5.019	462.50170	1198.22000	505.96660	426.24170	99.80000	2.50170	472.62990	864.39990	1.32489	2035.84500
1.250	-4.525	462.51440	1197.82001	505.76120	426.28560	99.80000	2.50089	472.63990	864.38990	1.31838	2035.81000
1.250	-4.029	462.61470	1197.73000	505.69380	426.39750	99.89999	2.50013	472.74000	864.38990	1.28079	2035.81000
1.250	-3.531	462.56350	1197.92000	505.80130	426.36450	99.89999	2.50051	472.68990	864.39990	1.26045	2035.77499
1.250	-3.040	462.74270	1197.99001	505.79760	426.40450	99.89999	2.50068	472.86990	864.38990	1.25042	2035.77499
1.250	-2.551	462.58370	1197.85001	505.76120	426.45340	100.00000	2.49978	472.71000	864.41990	1.24397	2035.77499
1.250	-2.063	462.68380	1197.83000	505.72920	426.32910	99.80000	2.50093	472.80980	864.40990	1.24729	2035.81000
1.250	-1.582	462.69040	1198.31000	505.97090	426.43460	100.00000	2.50073	472.81980	864.39990	1.25340	2035.81000
1.250	-1.113	462.74020	1198.35001	505.98050	426.44360	100.00000	2.50082	472.86990	864.39990	1.25336	2035.81000
1.250	-.660	462.51460	1197.77000	505.73580	426.51930	100.10000	2.49902	472.63990	864.39990	1.25397	2035.77499
1.250	-.222	462.67360	1197.84000	505.73660	426.40160	99.89999	2.50036	472.79980	864.38990	1.26054	2035.77499
1.250	.291	462.75050	1198.25999	505.93260	426.37920	99.89999	2.50123	472.87990	864.37990	1.27012	2035.77499
1.250	.848	462.76220	1198.03000	505.81350	426.48190	100.00000	2.50017	472.88990	864.37990	1.28047	2035.77499
	GRADIENT	.02968	.05422	.02098	.02123	.02487	-.00003	.03014	-.00207	-.00340	-.00433

RUN NO. 1536/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	P	PT	Q(PSF)	T(R)	TT(F)	RN/L	PC	PREF	SH10+3	PATM
1.400	-7.024	381.78760	1214.46001	523.59720	402.03640	99.89999	2.49833	391.49000	879.95000	1.25646	2035.35500
1.400	-6.511	381.92070	1215.37000	523.99270	402.13400	100.10000	2.49890	391.62990	879.95000	1.24890	2035.35500
1.400	-6.014	381.76710	1214.58000	523.65010	402.16260	100.10000	2.49735	391.47000	879.95000	1.26632	2035.39000
1.400	-5.515	382.02030	1215.23000	523.92920	402.17720	100.10000	2.49872	391.73000	879.95000	1.26565	2035.39000
1.400	-5.021	381.87480	1214.75999	523.72680	402.03420	99.89999	2.49894	391.57980	879.93990	1.26948	2035.39000
1.400	-4.522	382.05960	1215.28999	523.95480	402.03980	99.89999	2.50005	391.76980	879.91990	1.26893	2035.39000
1.400	-4.027	381.80470	1214.92999	523.80250	401.99710	99.89999	2.49920	391.50980	879.91990	1.27266	2035.39000
1.400	-3.528	381.60960	1214.46001	523.60980	401.98290	99.89999	2.49820	391.30980	879.89990	1.27988	2035.39000
1.400	-3.032	381.93210	1215.09000	523.86990	402.02030	99.89999	2.49959	391.63990	879.87990	1.24590	2035.39000
1.400	-2.542	381.90380	1214.89999	523.78740	402.17330	100.10000	2.49803	391.60990	879.87990	1.24609	2035.39000
1.399	-2.054	382.11040	1215.07001	523.85740	402.21950	100.10000	2.49850	391.81980	879.86990	1.24592	2035.39000
1.400	-1.576	382.04170	1214.96001	523.81080	402.06570	99.89999	2.49943	391.75000	879.83990	1.24603	2035.39000
1.400	-1.106	381.78610	1214.73000	523.71530	402.15410	100.10000	2.49764	391.49000	879.83980	1.24956	2035.39000
1.400	-.649	381.86430	1214.87000	523.77490	402.02080	99.89999	2.49914	391.56980	879.81980	1.24942	2035.39000
1.400	-.203	382.15840	1215.28999	523.95260	402.06960	99.89999	2.50012	391.86990	879.80980	1.24899	2035.39000
1.400	.308	381.66040	1214.24001	523.50340	402.16260	100.10000	2.49665	391.35990	879.79980	1.24677	2035.39000
1.400	.860	381.93120	1215.23000	523.93120	402.00680	99.89999	2.49984	391.63990	879.79980	1.24575	2035.39000
	GRADIENT	.00264	-.01990	-.00879	.01113	.01176	-.00010	.00261	-.02520	-.00492	-.00008

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(VCMO47) ( 04 OCT 91 )

PARAMETRIC DATA

BETA = -1.000 PHI = 180.000

RUN NO. 1554/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	P	PT	Q(PSF)	T(R)	TT(F)	RN/L	PC	PREF	SH10+3	PATM
1.449	-7.037	359.44240	1226.70000	528.49760	394.88260	101.10000	2.49441	368.92990	893.68990	1.44083	2035.32001
1.450	-6.525	358.86740	1225.42000	527.93600	394.81960	101.10000	2.49162	368.33980	893.68990	1.43858	2035.32001
1.450	-6.029	358.97900	1226.69000	528.46970	394.66750	101.00000	2.49455	368.46000	893.71000	1.41475	2035.32001
1.450	-5.532	358.91380	1225.99001	528.17550	394.71140	101.00000	2.49326	368.38990	893.70000	1.43791	2035.32001
1.450	-5.035	359.05930	1226.42999	528.36570	394.71660	101.00000	2.49417	368.53980	893.71000	1.42618	2035.32001
1.450	-4.542	358.98340	1225.87000	528.12890	394.74410	101.00000	2.49311	368.46000	893.71000	1.43057	2035.28500
1.450	-4.048	358.96360	1225.89000	528.13650	394.73630	101.00000	2.49313	368.43990	893.73000	1.42681	2035.28500
1.450	-3.554	359.24490	1226.75000	528.50830	394.67500	100.90000	2.49550	368.73000	893.73000	1.42209	2035.32001
1.451	-3.066	358.16500	1225.95000	528.11960	394.40920	100.90000	2.49307	367.62990	893.73000	1.42674	2035.32001
1.449	-2.580	359.07570	1225.19000	527.85080	394.76540	100.90000	2.49260	368.54980	893.71000	1.43510	2035.32001
1.450	-2.099	358.97920	1226.67000	528.46140	394.52860	100.80000	2.49570	368.46000	893.72000	1.43337	2035.35500
1.450	-1.622	358.73020	1225.28000	527.87080	394.57810	100.80000	2.49303	368.20000	893.72000	1.43500	2035.35500
1.450	-1.166	358.92110	1226.50000	528.38790	394.52590	100.80000	2.49535	368.39990	893.73000	1.42983	2035.32001
1.450	-735	358.96240	1226.10001	528.22360	394.57570	100.80000	2.49469	368.43990	893.72000	1.43404	2035.32001
1.450	-314	358.73710	1225.86000	528.11230	394.52690	100.80000	2.49405	368.21000	893.70000	1.42685	2035.32001
1.449	.246	359.42720	1225.83000	528.13480	394.74660	100.80000	2.49465	368.90990	893.73000	1.43061	2035.32001
1.450	.770	358.92360	1226.02000	528.18820	394.57080	100.80000	2.49451	368.39990	893.71000	1.44540	2035.32001
GRADIENT		.02372	-.01342	-.00436	-.01984	-.04052	.00024	.02397	-.00144	.00189	.00520

RUN NO. 1638/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	P	PT	Q(PSF)	T(R)	TT(F)	RN/L	PC	PREF	SH10+3	PATM
1.470	-7.033	347.95310	1222.73091	526.10627	390.64040	100.90000	2.49286	357.28980	888.52980	1.36544	2032.27499
1.471	-6.526	347.57590	1223.61929	526.43669	390.45140	100.90000	2.49376	356.90990	888.51000	1.35392	2032.27499
1.470	-6.029	347.88210	1223.40251	526.37399	390.64310	101.00000	2.49304	357.22000	888.51000	1.35421	2032.27499
1.471	-5.533	347.65670	1223.15964	526.25637	390.52100	100.90000	2.49302	356.99000	888.53980	1.35445	2032.27499
1.470	-5.035	348.01250	1222.91940	526.18802	390.66140	100.90000	2.49289	357.34990	888.51000	1.35477	2032.27499
1.470	-4.542	347.73580	1223.13770	526.25440	390.55540	100.90000	2.49293	357.06980	888.52980	1.35102	2032.27499
1.470	-4.043	347.99170	1223.31192	526.34612	390.63650	100.90000	2.49321	357.32980	888.51980	1.34394	2032.24001
1.469	-3.552	348.38400	1223.60609	526.49773	390.73970	100.90000	2.49406	357.73000	888.51000	1.34367	2032.27499
1.470	-3.065	347.92290	1223.32286	526.34517	390.61250	100.90000	2.49318	357.25980	888.51000	1.34392	2032.27499
1.470	-2.573	347.83520	1223.17241	526.27636	390.60350	100.90000	2.49272	357.16990	888.51000	1.34063	2032.27499
1.470	-2.095	348.01030	1223.56857	526.45245	390.61890	100.90000	2.49368	357.34990	888.51000	1.34366	2032.24001
1.470	-1.621	347.96190	1223.37662	526.37075	390.62060	100.90000	2.49330	357.29980	888.51980	1.34386	2032.24001
1.471	-1.158	347.76420	1223.62262	526.45449	390.53810	100.90000	2.49346	357.09980	888.51980	1.34011	2032.27499
1.470	-.719	347.91360	1223.25079	526.31480	390.69190	101.00000	2.49233	357.25000	888.51000	1.34055	2032.24001
1.470	-.293	348.10990	1223.42255	526.40092	390.67160	100.90000	2.49339	357.45000	888.51000	1.34039	2032.24001
1.471	.215	347.64700	1223.16812	526.25906	390.51680	100.90000	2.49302	356.98000	888.51000	1.35444	2032.24001
1.484	.782	348.02930	1248.92120	536.85925	390.61130	100.90000	2.49396	357.36990	888.51000	.00000	2032.27499
GRADIENT		-.01517	2.11106	.86512	-.00546	.00360	.00002	-.01527	-.00199	-.11090	-.00303

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(VCM047) ( 04 OCT 91 )

PARAMETRIC DATA

BETA = -1.000 PHI = 180.000

RUN NO. 1589/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	P	PT	Q(PSF)	T(R)	TT(F)	RN/L	PC	PREF	SH10+3	PATM
1.492	-7.036	337.71580	1224.66577	525.89745	386.33670	100.40000	2.49678	346.90990	896.84990	1.59934	2033.67500
1.492	-6.524	337.62870	1224.52179	525.82961	386.30320	100.40000	2.49622	346.81980	896.86990	1.59144	2033.67500
1.492	-6.022	337.64670	1224.64867	525.88371	386.30350	100.40000	2.49691	346.83980	896.85990	1.60748	2033.67500
1.492	-5.531	337.57500	1225.45377	526.19587	386.21850	100.40000	2.49799	346.76980	896.85990	1.59830	2033.67500
1.492	-5.033	337.53710	1225.14484	526.06869	386.23360	100.40000	2.49742	346.73000	896.85990	1.59870	2033.64000
1.492	-4.534	337.66600	1224.86896	525.97291	386.30180	100.40000	2.49708	346.85990	896.85990	1.59907	2033.64000
1.493	-4.045	337.28340	1225.00645	525.98385	386.18460	100.40000	2.49648	346.47000	896.85990	1.58274	2033.67500
1.492	-3.550	337.22630	1224.49399	525.77349	386.20610	100.40000	2.49556	346.40990	896.84990	1.58741	2033.67500
1.492	-3.056	337.43090	1224.61755	525.84620	386.24000	100.40000	2.49652	346.61990	896.83980	1.60343	2033.67500
1.492	-2.573	337.61770	1224.74242	525.91694	386.30270	100.40000	2.49670	346.80980	896.85990	1.59519	2033.67500
1.492	-2.086	337.47000	1224.94804	525.98164	386.24630	100.40000	2.49668	346.65990	896.84990	1.58685	2033.64000
1.492	-1.615	337.61720	1224.97008	526.00746	386.29370	100.40000	2.49687	346.80980	896.86990	1.58683	2033.67500
1.492	-1.149	337.37110	1224.94403	525.96932	386.19630	100.40000	2.49691	346.55980	896.84990	1.59895	2033.67500
1.492	-.711	337.60640	1224.89812	525.97815	386.27320	100.40000	2.49718	346.79980	896.85990	1.60308	2033.67500
1.492	-.278	337.46870	1224.98576	525.99720	386.21920	100.40000	2.49719	346.65990	896.82980	1.60295	2033.71001
1.492	.231	337.52810	1224.82684	525.94102	386.24760	100.40000	2.49709	346.72000	896.83980	1.60723	2033.71001
1.492	.796	337.57690	1225.05492	526.03687	386.26100	100.40000	2.49720	346.76980	896.83980	1.59478	2033.74500
GRADIENT		.02355	.04318	.01996	.00086	-.00000	.00016	.02432	-.00327	.00209	.01281

RUN NO. 1605/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	P	PT	Q(PSF)	T(R)	TT(F)	RN/L	PC	PREF	SH10+3	PATM
1.514	-7.040	327.17140	1225.99319	525.06602	382.64840	100.90000	2.49141	336.18990	905.56980	1.84712	2033.74500
1.515	-6.523	327.01170	1226.54254	525.25588	382.53200	100.90000	2.49241	336.02980	905.58980	1.85550	2033.78000
1.514	-6.027	327.54610	1227.51984	525.71650	382.60330	100.90000	2.49512	336.57980	905.58980	1.87270	2033.74500
1.514	-5.530	328.02150	1228.28633	526.08708	382.64790	100.90000	2.49789	337.06980	905.59990	1.90929	2033.74500
1.514	-5.033	327.80620	1228.48341	526.13043	382.58150	100.90000	2.49752	336.84990	905.62990	1.89002	2033.74500
1.514	-4.538	327.31590	1225.71909	524.99314	382.67850	100.90000	2.49246	336.40990	905.62990	1.89898	2033.74500
1.514	-4.044	327.38500	1225.83868	525.02917	382.64400	100.90000	2.49259	336.33980	905.62990	1.89878	2033.78000
1.515	-3.554	327.13890	1225.99516	525.06438	382.56910	100.90000	2.49267	336.15990	905.64990	1.89850	2033.81500
1.515	-3.060	327.07760	1226.63290	525.30386	382.49070	100.90000	2.49369	336.09990	905.63990	1.89750	2033.74500
1.514	-2.573	327.43970	1226.77095	525.41053	382.60300	100.90000	2.49432	336.47000	905.62990	1.89734	2033.78000
1.514	-2.084	327.56670	1227.04996	525.53745	382.62770	100.90000	2.49481	336.59990	905.62990	1.89221	2033.78000
1.514	-1.614	327.50630	1227.41560	525.67033	382.58060	100.90000	2.49525	336.53980	905.62990	1.88692	2033.78000
1.514	-1.153	327.92550	1227.79854	525.88228	382.73340	101.00000	2.49624	336.97000	905.62990	1.90529	2033.81500
1.514	-.709	328.03250	1228.59003	526.20329	382.68070	100.90000	2.49736	337.07980	905.63990	1.86648	2033.81500
1.514	-.281	328.00340	1229.00558	526.35867	382.67630	100.90000	2.49722	337.04980	905.62990	1.83350	2033.78000
1.514	.232	327.93290	1228.93039	526.32199	382.60960	100.90000	2.49795	336.98000	905.63990	1.87060	2033.78000
1.515	.799	327.69680	1229.10925	526.35603	382.58080	101.00000	2.49740	336.74000	905.60990	1.87028	2033.78000
GRADIENT		.15376	.72555	.30440	.00449	.01045	.00116	.15927	-.00210	-.00837	.00425

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(VCM047) ( 04 OCT 91 )

PARAMETRIC DATA

BETA = -1.000 PHI = 180.000

RUN NO. 1620/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	P	PT	Q(PSF)	T(R)	TT(F)	RN/L	PC	PREF	SH10+3	PATM
1.541	-7.035	317.15620	1235.13313	526.87756	378.86450	101.20000	2.48785	325.99000	908.01980	1.57437	2033.57001
1.541	-6.523	316.92070	1235.44617	526.95258	378.75810	101.20000	2.48802	325.75000	907.99000	1.56992	2033.53500
1.541	-6.027	317.39750	1236.26802	527.35296	378.85940	101.20000	2.48984	326.24000	907.98000	1.56498	2033.57001
1.541	-5.530	317.67820	1237.16193	527.74404	378.87920	101.20000	2.49167	326.52980	907.99000	1.56388	2033.53500
1.540	-5.038	317.86250	1237.72461	527.99182	378.89970	101.20000	2.49273	326.72000	907.98000	1.55923	2033.53500
1.540	-4.534	317.82500	1237.29382	527.82177	378.92480	101.20000	2.49195	326.67990	907.98000	1.55978	2033.53500
1.541	-4.040	317.51440	1236.49178	527.46012	378.88650	101.20000	2.49025	326.35990	907.95000	1.56075	2033.53500
1.541	-3.549	317.32890	1236.47498	527.41850	378.82740	101.20000	2.48991	326.16990	907.93990	1.55678	2033.53500
1.541	-3.056	317.57790	1238.04239	528.05828	378.78100	101.20000	2.49274	326.42990	907.93990	1.55087	2033.57001
1.541	-2.574	317.36910	1236.25192	527.34173	378.86690	101.20000	2.48947	326.21000	907.90990	1.55313	2033.57001
1.541	-2.090	317.01050	1235.44113	526.96842	378.83370	101.20000	2.48729	325.83980	907.87990	1.53839	2033.57001
1.541	-1.614	317.88010	1238.66928	528.35316	378.85910	101.20000	2.49363	326.74000	907.86990	1.53056	2033.57001
1.541	-1.149	317.25290	1236.33588	527.35268	378.86650	101.20000	2.48858	326.08980	907.84990	1.51788	2033.53500
1.542	-.710	317.76200	1239.26831	528.55827	378.80080	101.20000	2.49382	326.61990	907.82980	1.50278	2033.53500
1.541	-.280	317.47410	1237.60898	527.87594	378.84160	101.20000	2.49078	326.31980	907.81980	1.50862	2033.53500
1.542	.231	317.65580	1238.89453	528.39619	378.86400	101.30000	2.49247	326.50980	907.80980	1.50322	2033.53500
1.541	.796	317.99460	1239.84430	528.81942	378.89400	101.30000	2.49455	326.85990	907.80980	1.50594	2033.57001
1.541	GRADIENT	.04093	.49200	.19406	-.00233	.01471	.00047	.04292	-.03452	-.01315	.00096



(VCMO48) ( 04 OCT 91 )

## PARAMETRIC DATA

BETA = -.500 PHI = 180.000

RUN NO. 1574/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	P	PT	Q(PSSF)	T(R)	TT(F)	RN/L	PC	PREF	SH10+3	PATM
.600	-7.023	1252.12900	1596.73000	315.22900	522.48750	100.40000	2.49536	1261.88000	1304.41000	.98071	2034.79500
.599	-6.514	1252.53700	1596.64000	314.81880	522.54440	100.40000	2.49380	1262.28000	1304.42999	.98594	2034.79500
.599	-6.011	1252.73100	1597.10001	315.04640	522.52470	100.40000	2.49501	1262.48000	1304.46001	.98826	2034.75999
.600	-5.513	1251.70500	1596.12000	315.06470	522.49390	100.40000	2.49425	1261.45000	1304.50000	.99147	2034.72501
.601	-5.021	1251.65900	1597.35001	316.13550	522.37350	100.40000	2.49917	1261.42999	1304.48000	1.00911	2034.75999
.600	-4.523	1252.05200	1597.00000	315.51900	522.45310	100.40000	2.49664	1261.81000	1304.50999	.99615	2034.75999
.600	-4.026	1251.54500	1596.97000	315.90970	522.39550	100.40000	2.49804	1261.31000	1304.52000	1.00405	2034.79500
.600	-3.528	1251.61000	1596.75999	315.67970	522.42290	100.40000	2.49702	1261.37000	1304.53999	.99892	2034.83000
.600	-3.030	1251.32500	1596.32001	315.54420	522.42990	100.40000	2.49616	1261.08000	1304.57001	.98874	2034.72501
.601	-2.537	1251.68700	1597.47000	316.21340	522.36570	100.40000	2.49956	1261.46001	1304.57001	.98543	2034.75999
.601	-1.561	1251.06900	1596.89000	316.23240	522.45700	100.40000	2.49521	1261.17000	1304.59000	.98365	2034.75999
.601	-1.088	1251.65700	1597.44000	316.21260	522.36470	100.40000	2.49913	1260.84000	1304.62000	.98579	2034.79500
.600	-.654	1251.92599	1596.95000	315.83330	522.41460	100.40000	2.49799	1261.69000	1304.67000	.98297	2034.75999
.600	-.310	1251.60699	1596.95000	315.84250	522.40450	100.40000	2.49777	1261.37000	1304.69000	.98575	2034.75999
.601	.248	1251.49500	1596.92999	315.91700	522.39330	100.40000	2.49803	1261.25999	1304.72000	.99097	2034.75999
.601	.828	1251.71899	1597.88000	316.53150	522.33110	100.40000	2.50106	1261.50000	1304.75000	.99298	2034.72501
GRADIENT		-.01279	.11801	.10967	-.01259	-.00000	.00050	-.01025	.04550	-.00201	-.00650

RUN NO. 1464/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	P	PT	Q(PSSF)	T(R)	TT(F)	RN/L	PC	PREF	SH10+3	PATM
.800	-7.018	879.72850	1341.07001	394.16630	496.77490	100.70000	2.49502	889.62990	1053.81000	5.18395	2038.53999
.800	-6.507	879.74150	1340.87000	394.00930	496.79830	100.70000	2.49439	889.63990	1053.84000	5.16058	2038.57500
.800	-6.006	879.95040	1341.05000	394.00000	496.81300	100.70000	2.49456	889.84990	1053.89000	5.11190	2038.57500
.800	-5.505	879.78810	1341.13000	394.16990	496.86690	100.80000	2.49452	889.68990	1053.94000	5.09966	2038.53999
.800	-5.010	879.54170	1340.72000	394.03420	496.87060	100.80000	2.49372	889.43990	1053.99001	5.06557	2038.53999
.800	-4.515	879.68090	1340.86000	394.04300	496.78960	100.70000	2.49446	889.57980	1054.03999	5.04140	2038.53999
.800	-4.014	879.57690	1341.07001	394.26930	496.83910	100.80000	2.49471	889.48000	1054.10001	4.99363	2038.50500
.800	-3.518	879.71260	1340.78000	393.96220	496.80320	100.70000	2.49417	889.60990	1054.14999	4.98303	2038.50500
.800	-3.022	879.71800	1341.06000	394.16550	496.77440	100.70000	2.49500	889.61990	1054.19000	4.99367	2038.53999
.800	-2.530	879.85230	1340.87000	393.93360	496.81620	100.70000	2.49419	889.75000	1054.23000	4.91312	2038.50500
.800	-2.033	879.93240	1340.92999	393.92360	496.82280	100.70000	2.49423	889.82980	1054.28999	4.92444	2038.53999
.800	-1.549	879.64040	1340.86000	394.07030	496.78300	100.70000	2.49454	889.53980	1054.33000	4.89017	2038.50500
.800	-1.072	879.64530	1341.22000	394.33370	496.65700	100.60000	2.49619	889.54980	1054.39000	4.88884	2038.50500
.800	-.620	879.70680	1341.14000	394.23240	496.67550	100.60000	2.49584	889.60990	1054.46001	4.87768	2038.50500
.802	-.218	877.61230	1340.12000	394.90090	496.35670	100.50000	2.49704	887.51980	1054.50999	4.77932	2038.53999
.800	.329	877.94700	1338.72000	393.63840	496.55910	100.50000	2.49221	887.82980	1054.67999	4.71732	2038.47000
.800	.886	880.39180	1341.88000	394.31420	496.61910	100.50000	2.49743	890.29980	1054.74001	4.57491	2038.47000
GRADIENT		-.15442	-.08977	.03849	-.06056	-.05093	.00029	-.15429	.12498	-.07034	-.00769

(VCMO48) ( 04 OCT 91 )

## IA310 (AEDC 16TF-783) PROBE CALIBRATION

## PARAMETRIC DATA

MACH	ALPHA	P	PT	Q(PSF)	T(R)	TT(F)	RN/L	PC	PREF	SH10+3	PATM
.900	-7.016	753.05080	1273.22000	426.69290	481.51660	99.80000	2.50029	763.05980	980.45000	1.49680	2036.58000
.900	-6.503	752.75170	1273.00000	426.71970	481.39970	99.70000	2.50066	762.76000	980.47000	1.50095	2036.58000
.900	-6.006	752.90380	1272.92999	426.58110	481.52100	99.80000	2.49969	762.90990	980.48000	1.50493	2036.61501
.900	-5.504	752.74930	1273.17000	426.83790	481.46700	99.80000	2.50055	762.76000	980.50980	1.50075	2036.61501
.900	-5.012	752.70950	1273.12000	426.82710	481.46510	99.80000	2.50046	762.72000	980.52980	1.49692	2036.61501
.900	-4.510	752.55960	1273.06000	426.87550	481.35820	99.70000	2.50107	762.56980	980.54980	1.50088	2036.61501
.900	-4.012	752.29220	1272.70000	426.78690	481.34810	99.70000	2.50044	762.29980	980.57980	1.48967	2036.58000
.900	-3.520	752.45750	1273.14000	426.99100	481.33080	99.70000	2.50143	762.47000	980.60990	1.48915	2036.61501
.900	-3.017	751.17850	1270.91000	426.21970	481.33790	99.70000	2.49699	761.16990	980.60990	1.49953	2036.58000
.901	-2.524	751.14920	1271.59000	426.70430	481.17290	99.59999	2.49947	761.14990	980.61990	1.50262	2036.61501
.900	-2.031	751.97730	1272.17000	426.61010	481.26170	99.59999	2.49998	761.98000	980.62990	1.50973	2036.64999
.900	-1.547	752.95850	1274.05000	427.31810	481.23800	99.59999	2.50384	762.98000	980.67990	1.53905	2036.64999
.900	-1.070	752.59420	1272.73000	426.62820	481.31400	99.59999	2.50070	762.59990	980.71000	1.57690	2036.64999
.900	-.623	752.65230	1272.88000	426.69650	481.30830	99.59999	2.50104	762.65990	980.81990	2.76187	2036.68500
.900	-.259	752.98660	1273.50000	426.92360	481.21660	99.50000	2.50288	762.60000	980.84990	3.02371	2036.68500
.900	.313	752.45780	1272.41000	426.48950	481.23750	99.50000	2.50058	762.46000	980.86990	2.81105	2036.72000
.900	.881	753.63650	1274.58000	427.27880	481.21850	99.50000	2.50498	763.65990	980.86990	2.91903	2036.72000
GRADIENT		.21413	.22980	.03050	-.02238	-.04260	.00060	.21570	.06616	.32053	.02555

RUN NO. 1498/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

RUN NO. 1483/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	P	PT	Q(PSF)	T(R)	TT(F)	RN/L	PC	PREF	SH10+3	PATM
1.100	-7.012	564.99050	1206.07001	478.39450	450.80880	100.20000	2.49808	575.17990	911.41990	.98986	2037.77000
1.100	-6.497	564.83980	1206.07001	478.45390	450.77440	100.20000	2.49815	575.02980	911.47000	.98986	2037.77000
1.100	-5.998	565.00850	1206.25000	478.49220	450.79370	100.20000	2.49849	575.20000	911.53980	1.00314	2037.73500
1.100	-5.499	564.77170	1205.89000	478.37620	450.77810	100.20000	2.49777	574.96000	911.61990	1.00885	2037.73500
1.100	-5.005	564.90840	1206.22000	478.51420	450.77420	100.20000	2.49847	575.09990	911.63990	1.01129	2037.73500
1.100	-4.500	564.75220	1205.84000	478.35470	450.77910	100.20000	2.49767	574.93990	911.67990	1.00348	2037.73500
1.100	-4.001	564.86960	1206.14000	478.48320	450.77390	100.20000	2.49830	575.05980	911.70000	.97918	2037.73500
1.100	-3.506	564.97120	1205.99001	478.35550	450.81300	100.20000	2.49791	575.15990	911.75000	.97141	2037.73500
1.100	-3.005	564.90230	1205.89000	478.32470	450.80810	100.20000	2.49771	575.08980	911.76000	.97149	2037.70000
1.100	-2.509	564.98340	1205.80000	478.24020	450.83620	100.20000	2.49747	575.16990	911.79980	.99543	2037.70000
1.100	-2.010	564.84180	1205.92000	478.36600	450.79100	100.20000	2.49781	575.02980	911.82980	1.00341	2037.70000
1.100	-1.518	564.91210	1205.89000	478.32080	450.81030	100.20000	2.49771	575.09990	911.85990	1.01157	2037.73500
1.100	-1.025	564.92160	1205.94000	478.34620	450.80710	100.20000	2.49782	575.10990	911.86990	1.01699	2037.70000
1.100	-.571	564.91020	1206.09000	478.43800	450.78830	100.20000	2.49817	575.09990	911.87990	1.01413	2037.70000
1.100	-.102	564.96190	1205.92000	478.31840	450.89890	100.30000	2.49717	575.14990	911.92990	1.00612	2037.70000
1.100	.440	565.00950	1206.16000	478.43950	450.88430	100.30000	2.49770	575.20000	911.96000	1.00051	2037.70000
1.100	.966	564.92210	1205.92000	478.33420	450.88990	100.30000	2.49719	575.10990	911.98000	1.00071	2037.70000
GRADIENT		.02114	.01370	-.00038	.01872	.01909	-.00009	.02124	.05487	.00489	-.00649

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(VCMO48) ( 04 OCT 91 )

PARAMETRIC DATA

BETA = -.500 PHI = 180.000

RUN NO. 1521/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	P	PT	Q(PSF)	T(R)	TT(F)	RN/L	PC	PREF	SH10+3	PATM
1.250	-7.018	462.76250	1198.00000	505.79810	426.56130	100.10000	2.49952	472.88990	864.39990	1.27376	2035.77499
1.250	-6.503	462.47510	1197.73000	505.72440	426.51290	100.10000	2.49894	472.59990	864.39990	1.27405	2035.77499
1.250	-6.004	462.41310	1198.03999	505.89480	426.54130	100.20000	2.49897	472.53980	864.40990	1.26701	2035.77499
1.250	-5.504	462.35350	1198.02000	505.89790	426.45140	100.10000	2.49951	472.48000	864.39990	1.23396	2035.77499
1.250	-5.005	462.64260	1198.03999	505.84470	426.60180	100.20000	2.49900	472.76980	864.41990	1.22742	2035.77499
1.250	-4.505	462.71190	1198.09000	505.85500	426.61500	100.20000	2.49911	472.83980	864.40990	1.22737	2035.77499
1.250	-4.012	462.72240	1198.03000	505.82230	426.62380	100.20000	2.49861	472.59990	864.41990	1.22418	2035.77499
1.250	-3.513	462.47410	1197.86000	505.79030	426.57570	100.20000	2.49861	472.59990	864.41990	1.23086	2035.74001
1.250	-3.014	462.50540	1197.66000	505.68210	426.60420	100.20000	2.49821	472.62990	864.39990	1.23107	2035.77499
1.250	-2.520	462.69430	1197.73000	505.67630	426.64700	100.20000	2.49837	472.81980	864.40990	1.22449	2035.81000
1.250	-2.024	462.63820	1198.69000	505.17500	426.61080	100.30000	2.49973	472.76980	864.40990	1.22351	2035.77499
1.250	-1.536	462.39700	1197.46001	505.60450	426.67240	100.30000	2.49720	472.51980	864.39990	1.26094	2035.81000
1.250	-1.055	462.43630	1197.57001	505.65160	426.67140	100.30000	2.49743	472.55980	864.37990	1.26082	2035.77499
1.250	-.604	462.76760	1198.67999	506.14160	426.72190	100.40000	2.49914	472.89990	864.40990	1.23002	2035.77499
1.249	-.192	462.64620	1197.47000	505.55490	426.81320	100.40000	2.49666	472.76980	864.39990	1.22801	2035.77499
1.250	.354	462.73020	1198.34000	505.97750	426.74680	100.40000	2.49845	472.85990	864.40990	1.23037	2035.77499
1.250	.910	462.63260	1198.03000	505.84180	426.75240	100.40000	2.49780	472.75980	864.39990	1.23068	2035.77499
GRADIENT		.00442	.02039	.00934	.03563	.04797	-.00024	.00457	-.00219	.00159	.00125

RUN NO. 1537/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	P	PT	Q(PSF)	T(R)	TT(F)	RN/L	PC	PREF	SH10+3	PATM
1.399	-7.017	381.93580	1214.48000	523.60280	402.07910	99.89999	2.49848	391.63990	879.72000	1.25644	2035.42500
1.400	-6.496	382.11890	1215.28999	523.95360	402.05760	99.89999	2.50009	391.82980	879.72000	1.24899	2035.42500
1.400	-5.997	381.83500	1214.82001	523.75370	402.01660	99.89999	2.49902	391.53980	879.71000	1.25277	2035.42500
1.400	-5.497	381.83300	1215.13000	523.88940	401.98680	99.89999	2.49959	391.53980	879.70000	1.25245	2035.42500
1.400	-5.009	381.85380	1214.97000	523.81880	402.00810	99.89999	2.49931	391.55980	879.71000	1.25262	2035.42500
1.400	-4.505	381.85130	1215.36000	523.98950	402.11430	100.10000	2.49883	391.55980	879.70000	1.23578	2035.39000
1.399	-4.011	381.99370	1214.72000	523.70680	402.21750	100.10000	2.49777	391.70000	879.67990	1.23643	2035.39000
1.400	-3.512	381.70530	1215.00999	523.83940	402.10330	100.10000	2.49809	391.40990	879.66990	1.25258	2035.39000
1.400	-3.013	381.95310	1214.92000	523.79520	402.18650	100.10000	2.49811	391.65990	879.65990	1.24937	2035.39000
1.400	-2.518	381.67720	1214.72000	523.71310	402.12230	100.10000	2.49754	391.37990	879.62990	1.24628	2035.39000
1.400	-2.022	382.05790	1215.56000	524.07300	402.15750	100.10000	2.49935	391.76980	879.62990	1.24213	2035.39000
1.400	-1.530	381.63750	1214.72000	523.74020	401.96090	99.89999	2.49881	391.33980	879.62990	1.23965	2035.39000
1.400	-1.053	381.55790	1214.82001	523.75900	401.93330	99.89999	2.49882	391.25980	879.60990	1.23965	2035.39000
1.400	-.595	381.86250	1215.17000	523.90620	402.13550	100.10000	2.49850	391.56980	879.58980	1.24253	2035.39000
1.400	-.177	381.93140	1215.19000	523.91360	402.08250	100.00000	2.49918	391.63990	879.55980	1.22619	2035.39000
1.400	.373	381.64840	1214.58000	523.65230	402.05520	100.00000	2.49786	391.34990	879.53980	1.22356	2035.39000
1.400	.918	381.87940	1215.62000	524.10280	402.09810	100.10000	2.49933	391.58980	879.53980	1.21928	2035.35500
GRADIENT		-.01792	.02630	.01186	-.02026	-.01722	.00014	-.01796	-.03013	-.00384	-.00285

PARAMETRIC DATA

BETA = -.500 PHI = 180.000

RUN NO. 1555/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	P	PT	Q (PSF)	T (R)	TT (F)	RN/L	PC	PREF	SH10+3	PATM
1.450	-7.016	358.87330	1226.20000	528.26070	394.53860	100.80000	2.49478	368.34990	893.70000	1.44142	2035.35500
1.450	-6.507	358.81590	1225.87000	528.12060	394.48050	100.70000	2.49474	368.28980	893.71000	1.44181	2035.35500
1.449	-6.008	359.21020	1225.85001	528.13210	394.60600	100.70000	2.49507	368.68990	893.72000	1.44183	2035.39000
1.450	-5.509	359.02120	1226.14000	528.24320	394.52030	100.70000	2.49541	368.50000	893.73000	1.43399	2035.35500
1.450	-5.011	358.93380	1225.89999	528.13890	394.51460	100.70000	2.49490	368.40990	893.71000	1.43802	2035.35500
1.449	-4.518	359.41770	1225.74001	528.09670	394.68140	100.70000	2.49508	368.89990	893.73000	1.43821	2035.35500
1.450	-4.015	359.10910	1226.34000	528.33080	394.52930	100.70000	2.49584	368.58980	893.72000	1.44126	2035.35500
1.449	-3.521	359.12210	1225.77000	528.09450	394.58570	100.70000	2.49485	368.59990	893.73000	1.40844	2035.39000
1.450	-3.024	358.65990	1225.53999	527.97530	394.46170	100.70000	2.49401	368.12990	893.73000	1.40502	2035.35500
1.449	-2.526	359.06320	1225.67000	528.04980	394.57640	100.70000	2.49462	368.53980	893.72000	1.40855	2035.35500
1.450	-2.038	358.91460	1225.85001	528.11720	394.47730	100.60000	2.49623	368.60990	893.70000	1.41203	2035.39000
1.450	-1.555	359.12940	1226.21001	528.27780	394.44290	100.60000	2.49520	368.14990	893.70000	1.41161	2035.39000
1.450	-1.082	358.67800	1225.87000	528.11350	394.36670	100.60000	2.49590	368.60990	893.68990	1.41940	2035.35500
1.451	-.643	358.59840	1225.97000	528.15090	394.26220	100.50000	2.49692	368.42990	893.71000	1.42255	2035.35500
1.450	-.299	358.95120	1226.36000	528.33130	394.33720	100.50000	2.49629	368.39990	893.68990	1.42666	2035.35500
1.450	.266	358.92360	1226.02000	528.18820	394.35960	100.50000	2.49629	368.39990	893.68990	1.42666	2035.35500
1.451	.841	358.65530	1226.41000	528.33670	394.23950	100.50000	2.49672	368.12990	893.68990	1.44871	2035.39000
GRADIENT		-.09276	.08446	.03042	-.07115	-.04866	.00035	-.09366	-.00682	.00145	.00115

RUN NO. 1639/ O RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	P	PT	Q (PSF)	T (R)	TT (F)	RN/L	PC	PREF	SH10+3	PATM
1.470	-7.019	348.04050	1223.28317	526.33826	390.64310	100.90000	2.49344	357.37990	888.50000	1.35090	2032.20500
1.470	-6.504	347.98170	1223.18791	526.29414	390.63230	100.90000	2.49322	357.31980	888.51000	1.35100	2032.24001
1.469	-6.005	348.19820	1223.24406	526.33487	390.69900	100.90000	2.49350	357.53980	888.51000	1.35096	2032.24001
1.470	-5.507	347.88350	1223.02298	526.21898	390.60280	100.90000	2.49308	357.22000	888.49000	1.35812	2032.24001
1.470	-5.013	347.74490	1223.23892	526.29576	390.54300	100.90000	2.49323	357.07980	888.51000	1.35438	2032.20500
1.470	-4.510	348.17720	1223.42921	526.40805	390.73850	101.00000	2.49333	357.51980	888.50000	1.35422	2032.20500
1.470	-4.017	347.90190	1223.39529	526.37204	390.58060	100.90000	2.49364	357.24000	888.50000	1.35422	2032.20500
1.470	-3.518	347.95260	1223.05894	526.23975	390.69820	101.00000	2.49280	357.21000	888.49000	1.35461	2032.20500
1.484	-3.020	347.87450	1248.33853	526.60963	390.61430	100.90000	2.49280	357.21000	888.49000	.00000	2032.24001
1.470	-2.533	347.98050	1223.37550	526.37106	390.67820	101.00000	2.49307	357.31980	888.50000	1.35426	2032.20500
1.470	-2.040	348.01880	1223.57800	526.45597	390.66600	101.00000	2.49358	357.35990	888.48000	1.35751	2032.20500
1.470	-1.551	347.93140	1223.36948	526.36457	390.66240	101.00000	2.49302	357.26980	888.49000	1.35426	2032.17000
1.470	-1.075	347.81540	1222.88734	526.15846	390.59250	100.90000	2.49279	357.14990	888.49000	1.35826	2032.17000
1.470	-.639	347.79610	1222.84396	526.13891	390.66600	101.00000	2.49198	357.12990	888.47000	1.35483	2032.17000
1.470	-.258	348.27490	1223.64500	526.50470	390.75710	101.00000	2.49368	357.61990	888.47000	1.35052	2032.13499
1.470	.287	347.82470	1222.95703	526.18762	390.65890	101.00000	2.49232	357.15990	888.47000	1.35818	2032.13499
1.470	.864	348.02100	1223.17499	526.29299	390.64040	100.90000	2.49335	357.35990	888.47000	1.35449	2032.13499
GRADIENT		-.00929	-.94745	-.08942	-.00020	-.00027	-.00007	-.00959	-.00624	.04877	-.01723

(VCMO48) ( 04 OCT 91 )

## PARAMETRIC DATA

BETA = -.500 PHI = 180.000

RUN NO. 1590/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	P	PT	Q (PSF)	T (R)	TT (F)	RN/L	PC	PREF	SH10+3	PATM
1.492	-7.017	337.71510	1224.86296	525.97605	386.31860	100.40000	2.49712	346.90990	896.83980	1.59909	2033.71001
1.492	-6.508	337.54760	1225.13193	526.06397	386.23590	100.40000	2.49708	346.74000	896.83980	1.58662	2033.71001
1.492	-6.004	337.50760	1225.21689	526.09325	386.23310	100.40000	2.49741	346.70000	896.84990	1.59456	2033.74500
1.492	-5.511	337.46920	1224.98688	525.99767	386.23100	100.40000	2.49697	346.65990	896.83980	1.59485	2033.71001
1.492	-5.012	337.58890	1224.64679	525.87569	386.30760	100.40000	2.49640	346.77980	896.83980	1.59128	2033.71001
1.492	-4.514	337.53910	1224.80049	525.93124	386.27710	100.40000	2.49661	346.73000	896.83980	1.59107	2033.71001
1.492	-4.016	337.45000	1224.98064	525.99342	386.23100	100.40000	2.49683	346.63990	896.83980	1.59083	2033.71001
1.493	-3.523	337.38990	1225.26686	526.09954	386.19090	100.40000	2.49715	346.57980	896.85990	1.58642	2033.74500
1.492	-3.024	337.64480	1225.39653	526.18022	386.26440	100.40000	2.49764	346.83980	896.82980	1.58628	2033.71001
1.492	-2.531	337.58690	1225.09061	526.05227	386.26680	100.40000	2.49716	346.77980	896.82980	1.59070	2033.71001
1.492	-2.039	337.55760	1224.98415	526.00696	386.26100	100.40000	2.49706	346.75000	896.82980	1.59487	2033.67500
1.492	-1.549	337.62650	1224.98972	526.01693	386.28340	100.40000	2.49714	346.81980	896.82980	1.59487	2033.71001
1.493	-1.078	337.33130	1225.13860	526.04228	386.17700	100.40000	2.49698	346.51980	896.81980	1.59061	2033.71001
1.492	-.629	337.43140	1224.80684	525.92104	386.24630	100.40000	2.49640	346.51990	896.81980	1.58703	2033.71001
1.492	-.244	337.61820	1224.79260	525.93716	386.31010	100.40000	2.49657	346.80980	896.81980	1.58707	2033.71001
1.492	.302	337.46220	1224.49365	525.80017	386.28490	100.40000	2.49589	346.64990	896.78980	1.58744	2033.71001
1.492	.872	337.44140	1224.86674	525.94613	386.25590	100.40000	2.49630	346.62990	896.78980	1.57893	2033.71001
GRADIENT		-.00843	-.06940	-.02866	.00520	-.00000	-.00016	-.00901	-.00924	-.00113	-.00159

RUN NO. 1606/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	P	PT	Q (PSF)	T (R)	TT (F)	RN/L	PC	PREF	SH10+3	PATM
1.515	-7.022	327.19650	1227.90048	525.80742	382.63210	101.00000	2.49261	336.22000	905.62990	1.78519	2033.88499
1.515	-6.502	327.26760	1227.31308	525.58921	382.70950	101.00000	2.49169	336.28980	905.60990	1.78607	2033.88499
1.514	-6.004	327.18160	1226.65154	525.31978	382.73340	101.00000	2.49058	336.20000	905.62990	1.79151	2033.88499
1.515	-5.510	326.85180	1225.69868	524.90058	382.63110	100.90000	2.48930	335.85990	905.62990	1.79737	2033.85001
1.515	-5.012	326.81840	1226.50128	525.20818	382.59790	101.00000	2.49038	335.82980	905.62990	1.80972	2033.88499
1.515	-4.514	327.24680	1227.07185	525.49440	382.60790	100.90000	2.49276	336.26980	905.61990	1.82257	2033.85001
1.514	-4.016	327.10110	1226.42444	525.22240	382.59160	100.90000	2.49196	336.11990	905.63990	1.84185	2033.85001
1.514	-3.518	327.28690	1226.47539	525.27088	382.70700	101.00000	2.49188	336.30980	905.64990	1.85103	2033.88499
1.515	3.019	326.83570	1226.34697	525.15410	382.55100	101.00000	2.49141	335.84990	905.62990	1.86041	2033.85001
1.514	-2.531	327.21830	1226.12546	525.12621	382.61570	100.90000	2.49239	336.24000	905.64990	1.87480	2033.85001
1.514	-2.038	327.52120	1226.54045	525.33118	382.76340	101.00000	2.49259	336.54980	905.62990	1.86488	2033.81500
1.514	-1.548	327.24630	1226.60800	525.31657	382.66280	101.00000	2.49241	336.26980	905.63990	1.86473	2033.85001
1.514	-1.072	327.30420	1226.86836	525.42599	382.66550	101.00000	2.49280	336.32980	905.63990	1.85969	2033.85001
1.514	-.633	327.49900	1227.30026	525.62277	382.69970	101.00000	2.49363	336.52980	905.63990	1.85443	2033.88499
1.514	-.245	327.66460	1227.70882	525.80473	382.73220	101.00000	2.49427	336.70000	905.64990	1.84460	2033.88499
1.514	.301	328.01540	1228.75677	526.26251	382.80100	101.00000	2.49564	337.05980	905.63990	1.81109	2033.88499
1.514	.871	328.06370	1229.13966	526.41914	382.79520	101.00000	2.49611	337.10990	905.62990	1.80148	2033.88499
GRADIENT		.16724	.42849	.19109	.03558	.01678	.00071	.17202	.00099	-.00448	.00641

( VCM048 ) ( 04 OCT 91 )

IA310 (AEDC 16TF-783) PROBE CALIBRATION

PARAMETRIC DATA

BETA = -.500 PHI = 180.000

RUN NO. 1621/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	P	PT	Q (PSF)	T (R)	TT (F)	RN/L	PC	PREF	SH10+3	PATM
1.541	-7.017	317.99490	1239.68794	528.76037	378.89770	101.30000	2.49449	326.85990	907.76980	1.51382	2033.53500
1.541	-6.502	317.99680	1239.25397	528.59631	378.94210	101.30000	2.49366	326.85990	907.76980	1.51051	2033.53500
1.541	-6.009	317.64700	1238.47571	528.23649	378.88770	101.30000	2.49195	326.50000	907.74000	1.51142	2033.53500
1.542	-5.505	317.04660	1236.69225	527.44843	378.83400	101.30000	2.48525	325.87990	907.74000	1.51353	2033.53500
1.542	-5.012	316.78470	1235.98520	527.13161	378.80420	101.30000	2.48676	325.60990	907.72000	1.51437	2033.57001
1.541	-4.514	317.23320	1236.53680	527.42565	378.91410	101.30000	2.48520	326.06980	907.70000	1.51376	2033.57001
1.542	-4.016	317.56810	1238.62799	528.27924	378.84620	101.30000	2.49212	326.41990	907.71000	1.51121	2033.53500
1.541	-3.518	317.91670	1239.75516	528.77125	378.87450	101.30000	2.49432	326.77980	907.70000	1.50603	2033.53500
1.542	-3.020	317.81980	1239.53825	528.67078	378.86470	101.30000	2.49374	326.67990	907.67990	1.50245	2033.57001
1.541	-2.527	317.86080	1238.99232	528.47226	378.92260	101.30000	2.49296	326.72000	907.66990	1.50697	2033.53500
1.541	-2.034	317.94970	1238.90997	528.45774	378.97190	101.30000	2.49272	326.72000	907.65990	1.49943	2033.57001
1.542	-1.549	317.53930	1238.51822	528.23206	378.85110	101.30000	2.49180	326.38990	907.62990	1.50750	2033.57001
1.541	-1.077	317.48190	1238.05423	528.04543	378.86690	101.30000	2.49105	326.32980	907.63990	1.51191	2033.57001
1.541	-.632	317.64010	1237.71054	527.94593	378.95360	101.30000	2.49064	326.49000	907.59990	1.51237	2033.57001
1.541	-.245	317.70610	1238.32893	528.19230	378.91650	101.30000	2.49186	326.55980	907.58980	1.51546	2033.57001
1.542	.303	317.88960	1240.55069	529.06924	378.98360	101.40000	2.49272	326.75000	907.58980	1.41556	2033.57001
1.542	.879	317.78080	1240.90141	529.18164	378.91890	101.40000	2.49309	326.63990	907.56980	1.41152	2033.57001
GRADIENT		.03674	.31687	.12707	.01249	.01455	.00015	.03796	-.02754	-.01349	.00478

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(VCM049) (04 OCT 91)

PARAMETRIC DATA

BETA = .000 PHI = 180.000

RUN NO. 1575/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	P	PT	Q(PSF)	T(R)	TT(F)	RN/L	PC	PREF	SH10+3	PATM
.599	-6.997	1252.93800	1597.39999	315.12870	522.52120	100.40000	2.49556	1262.69000	1304.83000	.99067	2034.75999
.600	-6.488	1252.47600	1597.14999	315.29790	522.48950	100.40000	2.49597	1262.23000	1304.84000	.98822	2034.72501
.599	-5.990	1252.72800	1596.75000	314.75440	522.55690	100.40000	2.49366	1262.47000	1304.87000	.98847	2034.72501
.600	-5.492	1251.84801	1597.08000	315.75420	522.42110	100.40000	2.49756	1261.61000	1304.89000	.98567	2034.72501
.600	-4.994	1251.88600	1597.21001	315.83230	522.41360	100.40000	2.49796	1261.64999	1304.89999	.98819	2034.72501
.600	-4.490	1251.67500	1597.07001	315.88700	522.40160	100.40000	2.49804	1261.44000	1304.92000	.99088	2034.65500
.600	-3.991	1252.06300	1596.98000	315.49370	522.45630	100.40000	2.49653	1261.82001	1304.96001	.99093	2034.69000
.600	-3.487	1252.03200	1597.02000	315.55270	522.44870	100.40000	2.49678	1261.78999	1304.97000	.99091	2034.62000
.600	-2.987	1251.67900	1596.89000	315.73270	522.51220	100.50000	2.49676	1261.44000	1305.00000	.99360	2034.62000
.600	-2.482	1252.01100	1597.53000	315.99800	522.49190	100.50000	2.49826	1261.78000	1305.00000	.99320	2034.65500
.601	-1.976	1251.28000	1597.03999	316.18600	522.45040	100.50000	2.49853	1261.05000	1305.05000	.99351	2034.58501
.600	-1.468	1251.78600	1596.62000	315.41850	522.55000	100.50000	2.49539	1261.33999	1305.05000	.98855	2034.58501
.600	-.954	1251.75999	1596.89000	315.66630	522.52170	100.50000	2.49652	1261.52000	1305.07001	.97033	2034.62000
.600	-.420	1251.79100	1596.84000	315.59840	522.53030	100.50000	2.49623	1261.55000	1305.10001	.98582	2034.58501
.600	-.075	1251.39200	1596.52000	315.65750	522.51250	100.50000	2.49617	1261.14999	1305.14900	.98602	2034.72501
.600	.472	1251.67500	1597.06000	315.87840	522.49580	100.50000	2.49743	1261.44000	1305.50999	.98828	2034.72501
.600	.984	1251.78600	1597.11000	315.82980	522.59770	100.60000	2.49673	1261.55000	1305.52000	.98048	2034.72501
GRADIENT		-.04442	-.04332	-.00005	.02350	.02653	-.00019	-.04452	.10239	-.00162	.00300

RUN NO. 1465/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	P	PT	Q(PSF)	T(R)	TT(F)	RN/L	PC	PREF	SH10+3	PATM
.800	-7.003	880.22020	1341.25999	393.97240	496.65700	100.50000	2.49586	890.11990	1054.95000	4.39680	2038.50500
.800	-6.492	879.84770	1341.17999	394.16630	496.60520	100.50000	2.49628	889.75000	1054.95000	4.35561	2038.50500
.800	-5.986	879.79540	1341.28000	394.27590	496.58620	100.50000	2.49668	889.70000	1055.00000	4.20299	2038.50500
.800	-5.491	879.56880	1340.91000	394.15600	496.58890	100.50000	2.49596	889.47000	1055.05000	4.17429	2038.47000
.800	-4.991	879.46700	1340.99001	394.28470	496.65260	100.60000	2.49581	889.36990	1055.07001	4.14436	2038.47000
.800	-4.490	879.76900	1341.03999	394.11620	496.69600	100.60000	2.49542	889.66990	1055.13000	4.20375	2038.47000
.800	-3.990	879.65970	1340.95000	394.12430	496.68800	100.60000	2.49535	889.55980	1055.16000	4.12480	2038.47000
.800	-3.489	879.59060	1340.83000	394.08200	496.68950	100.60000	2.49511	889.49000	1055.17000	3.90492	2038.47000
.800	-2.988	879.58590	1341.14000	394.31490	496.65600	100.60000	2.49605	889.49000	1055.23000	3.76627	2038.47000
.800	-2.487	879.56760	1341.00000	394.22340	496.66770	100.60000	2.49566	889.47000	1055.24001	3.72174	2038.43500
.800	-1.980	880.03220	1341.02000	393.92260	496.74070	100.60000	2.49490	889.92990	1055.28000	3.79380	2038.43500
.800	-1.477	879.76950	1341.00999	394.09370	496.69950	100.60000	2.49534	889.66990	1055.31000	3.78474	2038.47000
.800	-.971	879.81860	1341.11000	394.13430	496.69680	100.60000	2.49555	889.72000	1055.35001	3.73934	2038.47000
.800	-.451	879.79910	1341.07001	394.11820	496.69780	100.60000	2.49546	889.70000	1055.37000	3.68597	2038.47000
.800	.083	879.41650	1340.97000	394.30400	496.64670	100.60000	2.49584	889.31980	1055.50999	3.52995	2038.43500
.801	.489	879.34400	1341.12000	394.46460	496.70780	100.70000	2.49585	889.25000	1055.55000	3.47045	2038.43500
.800	1.006	879.83350	1340.78999	393.88750	496.82150	100.70000	2.49398	889.73000	1055.58000	3.44624	2038.43500
GRADIENT		.00431	-.00056	-.00333	.01131	.01190	-.00008	.00427	.08172	-.11909	-.00538

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(VCMO49) ( 04 OCT 91 )

PARAMETRIC DATA

BETA = .000 PHI = 180.000

RUN NO. 1499/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	P	PT	O(PSF)	T(R)	TT(F)	RN/L	PC	PREF	SH10+3	PATM
.900	-7.001	752.86210	1273.00999	426.66060	481.33280	99.59999	2.50112	762.86990	980.99000	3.21565	2036.72000
.900	-6.487	751.77610	1271.42000	426.21460	481.39210	99.70000	2.49760	761.76980	981.00000	3.30720	2036.72000
.900	-5.985	751.72730	1271.33000	426.18190	481.47900	99.80000	2.49685	761.72000	981.00000	3.38066	2036.72000
.900	-5.483	751.95140	1271.87000	426.41970	481.46170	99.80000	2.49803	761.95000	981.01980	3.46228	2036.72000
.900	-4.991	752.17460	1272.47000	426.69900	481.43750	99.80000	2.49938	762.17990	981.03980	3.55414	2036.68500
.900	-4.489	752.64280	1272.85001	426.68140	481.65430	100.00000	2.49866	762.64990	981.08980	3.64005	2036.68500
.900	-3.986	752.78000	1273.13000	426.79200	481.64920	100.00000	2.49924	762.78980	981.11990	3.70966	2036.72000
.900	-3.489	752.68680	1273.32001	426.97830	481.52540	99.89999	2.50046	762.70000	981.14990	3.70966	2036.72000
.900	-2.981	752.89210	1273.05000	426.67070	481.67820	100.00000	2.49888	762.89990	981.15990	3.75545	2036.68500
.900	-2.478	752.84060	1273.13000	426.75630	481.66020	100.00000	2.49917	762.84990	981.20000	3.80988	2036.68500
.900	-1.980	752.86060	1273.12000	426.73730	481.66480	100.00000	2.49911	762.86990	981.20000	3.87460	2036.68500
.900	-1.475	752.69240	1272.89999	426.68630	481.65800	100.00000	2.49873	762.70000	981.25000	3.92211	2036.68500
.900	-.966	752.69120	1273.00999	426.76270	481.81790	100.20000	2.49788	762.70000	981.29980	3.96912	2036.68500
.900	-.448	752.68190	1272.96001	426.73390	481.82150	100.20000	2.49775	762.68990	981.30980	4.04613	2036.68500
.900	.048	752.65280	1272.85001	426.67550	481.91430	100.30000	2.49692	762.65990	981.38990	4.22444	2036.68500
.900	.481	752.68210	1272.92999	426.71310	481.99710	100.40000	2.49652	762.68990	981.42990	4.29529	2036.68500
.900	.997	752.75240	1272.95000	426.68510	482.00760	100.40000	2.49648	762.76000	981.46000	4.32603	2036.64999
GRADIENT		.02848	.00845	-.01112	.08070	.08880	-.00053	.02837	.06702	.12785	-.00348

RUN NO. 1484/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	P	PT	O(PSF)	T(R)	TT(F)	RN/L	PC	PREF	SH10+3	PATM
1.100	-7.006	565.03960	1206.17000	478.43310	450.88990	100.30000	2.49771	575.23000	912.06980	.95306	2037.70000
1.100	-6.492	564.82080	1205.99001	478.41480	450.85940	100.30000	2.49740	575.01000	912.07980	.95579	2037.70000
1.100	-5.995	565.11180	1205.98000	478.29420	450.92680	100.30000	2.49724	575.29980	912.08980	.96098	2037.66499
1.100	-5.492	564.82060	1206.02000	478.43240	450.85600	100.30000	2.49747	575.01000	912.11990	.96354	2037.66499
1.100	-4.992	564.84450	1205.67999	478.22530	450.89770	100.30000	2.49668	575.02980	912.12990	.96642	2037.63000
1.100	-4.488	564.82980	1206.08000	478.46360	450.85180	100.30000	2.49760	575.01980	912.13990	.96872	2037.66499
1.100	-3.995	564.93140	1205.98000	478.36550	450.88550	100.30000	2.49732	575.11990	912.16990	1.01422	2037.66499
1.100	-3.496	564.86130	1205.96001	478.38160	450.87180	100.30000	2.49731	575.04980	912.21000	1.01424	2037.66499
1.100	-2.997	564.93020	1206.08000	478.42430	450.87480	100.30000	2.49755	575.11990	912.21000	1.01414	2037.63000
1.100	-2.488	565.00240	1205.88000	478.27930	450.91240	100.30000	2.49706	575.18990	912.20000	1.01704	2037.63000
1.100	-1.996	564.95020	1206.08000	478.41630	450.87920	100.30000	2.49754	575.13990	912.22000	1.01141	2037.63000
1.100	-1.487	564.99000	1206.11000	478.41800	450.88500	100.30000	2.49759	575.17990	912.24000	1.00867	2037.63000
1.100	-.989	564.78050	1206.02000	478.44850	450.84690	100.30000	2.49748	574.97000	912.26000	1.00603	2037.63000
1.100	-.486	564.93970	1206.12000	478.44360	450.79200	100.20000	2.49822	575.12990	912.25000	1.00595	2037.63000
1.100	.001	564.90110	1206.00000	478.38920	450.87650	100.30000	2.49738	575.08980	912.28980	1.00876	2037.59500
1.100	.513	564.88380	1205.74001	478.24460	450.81980	100.20000	2.49738	575.06980	912.27980	.99548	2037.59500
1.100	1.014	564.80100	1205.98000	478.41720	450.77540	100.20000	2.49797	574.99000	912.27980	.99529	2037.59500
GRADIENT		-.00209	.00843	.00574	-.01377	-.01539	.00011	-.00198	.02566	.00258	-.01038



IA310 (AEDC 16TF-783) PROBE CALIBRATION

(VCM049) ( 04 OCT 91 )

PARAMETRIC DATA

BETA = .000 PHI = 180.000

RUN NO. 1522/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	P	PT	Q(PSPF)	T(R)	TT(F)	RN/L	PC	PREF	SH10+3	PATM
1.250	-7.001	462.38450	1197.84000	505.79980	426.70650	100.40000	2.49738	472.50980	864.39990	1.23742	2035.77499
1.250	-6.485	462.37840	1197.25999	505.50730	426.76390	100.40000	2.49620	472.50000	864.39990	1.23148	2035.77499
1.250	-5.987	462.79910	1198.46001	506.02320	426.75270	100.40000	2.49870	472.92990	864.39990	1.23350	2035.77499
1.250	-5.488	462.61280	1198.00000	505.83110	426.75050	100.40000	2.49774	472.74000	864.39990	1.23398	2035.77499
1.250	-4.984	462.56370	1197.89000	505.78590	426.74880	100.40000	2.49751	472.68990	864.39990	1.23083	2035.77499
1.250	-4.486	462.63160	1198.17000	505.91280	426.73800	100.40000	2.49809	472.75980	864.39990	1.23380	2035.77499
1.250	-3.988	462.48290	1198.05000	505.88480	426.71120	100.40000	2.49782	472.60990	864.41990	1.23066	2035.77499
1.250	-3.489	462.79200	1198.05000	505.81690	426.79250	100.40000	2.49786	472.91990	864.40990	1.23066	2035.77499
1.250	-2.987	462.82080	1198.22000	505.89700	426.78270	100.40000	2.49821	472.95000	864.42990	1.23375	2035.77499
1.250	-2.483	462.61130	1198.19000	505.92750	426.73070	100.40000	2.49812	472.74000	864.42990	1.22727	2035.77499
1.250	-1.978	462.47530	1197.69000	505.70390	426.74560	100.40000	2.49709	472.59990	864.43990	1.23104	2035.77499
1.250	-1.478	462.41850	1197.22000	505.47830	426.77860	100.40000	2.49613	472.53980	864.41990	1.22826	2035.77499
1.249	- .980	462.74950	1198.39999	506.00370	426.74560	100.40000	2.49857	472.87990	864.40990	1.22705	2035.81000
1.250	- .462	462.73410	1197.75000	505.67750	426.80490	100.40000	2.49724	472.85990	864.41990	1.22447	2035.77499
1.250	- .102	462.64180	1198.13000	505.89060	426.74490	100.40000	2.49801	472.76980	864.42990	1.22733	2035.77499
1.250	.502	462.77760	1198.67000	506.13430	426.72560	100.40000	2.49912	472.90990	864.39990	1.23656	2035.77499
1.250	1.009	462.63280	1197.99001	505.82150	426.75660	100.40000	2.49772	472.75980	864.39990	1.23726	2035.77499
	GRADIENT	.01380	.02055	.00740	.00153	-.00000	.00004	.01400	.00024	.00007	.00073

RUN NO. 1538/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	P	PT	Q(PSPF)	T(R)	TT(F)	RN/L	PC	PREF	SH10+3	PATM
1.400	-7.005	381.92240	1215.07001	523.86130	402.16310	100.10000	2.49836	391.62990	879.48000	1.21661	2035.32001
1.400	-6.490	381.79320	1215.17999	523.91210	401.97000	99.89999	2.49965	391.50000	879.48000	1.22296	2035.32001
1.400	-5.987	381.87600	1214.60001	523.65650	402.04980	99.89999	2.49865	391.57980	879.47000	1.22354	2035.32001
1.400	-5.487	381.98270	1214.96001	523.81200	402.04790	99.89999	2.49939	391.68990	879.46000	1.22967	2035.28500
1.400	-4.989	381.81320	1215.16000	523.90280	402.12160	100.10000	2.49844	391.51980	879.47000	1.22622	2035.28500
1.400	-4.485	381.55860	1214.73000	523.71970	401.94190	99.89999	2.49866	391.25980	879.45000	1.22018	2035.32001
1.400	-3.993	381.97020	1215.33000	523.97410	402.15280	100.10000	2.49887	391.67990	879.45000	1.21635	2035.28500
1.400	-3.489	381.96220	1215.03999	523.84740	402.03420	99.89999	2.49952	391.66990	879.40990	1.22310	2035.28500
1.400	-2.987	381.88040	1215.48000	524.04150	401.96800	99.89999	2.50026	391.58980	879.42990	1.21620	2035.28500
1.400	-2.484	381.69680	1214.75999	523.73020	402.12430	100.10000	2.49762	391.39990	879.40990	1.22015	2035.25000
1.400	-1.981	381.72240	1215.42000	524.01830	402.06980	100.10000	2.49885	391.42990	879.39990	1.21626	2035.25000
1.400	-1.483	381.63770	1214.74001	523.72290	402.10860	100.10000	2.49755	391.33980	879.35990	1.21694	2035.25000
1.399	- .979	381.99370	1214.73000	523.71120	402.07300	99.89999	2.49898	391.70000	879.36990	1.22018	2035.25000
1.400	- .468	381.78150	1215.46001	524.03470	401.94020	99.89999	2.50015	391.49000	879.34990	1.21944	2035.21500
1.400	.091	381.74290	1215.30000	523.96530	401.94360	99.89999	2.49813	391.45000	879.33980	1.22608	2035.21500
1.400	.501	381.76440	1215.03999	523.85130	402.11840	100.10000	2.49819	391.47000	879.30980	1.21986	2035.21500
1.400	1.006	381.75420	1215.08000	523.86890	401.96780	99.89999	2.49944	391.46000	879.26980	1.21660	2035.21500
	GRADIENT	-.00676	.00789	.00358	-.01075	-.01113	.00008	-.00673	-.02903	-.00028	-.01653



(VCM049) ( 04 OCT 91 )

PARAMETRIC DATA

BETA = .000 PHI = 180.000  
GRADIENT INTERVAL = -5.00/ 5.00  
RN/L = 2.50

MACH	ALPHA	P	PT	Q(PSF)	T(R)	TT(F)	RN/L	PC	PREF	SH10+3	PATM
1.492	-6.954	337.58670	1225.16957	526.08295	386.25980	100.40000	2.49730	346.77980	896.75000	1.59060	2033.71001
1.492	-6.486	337.60890	1224.70819	525.90206	386.32030	100.40000	2.49630	346.79980	896.76980	1.58316	2033.71001
1.492	-5.988	337.37350	1224.61957	525.83974	386.24980	100.40000	2.49591	346.55980	896.76000	1.58325	2033.71001
1.492	-5.484	337.58030	1224.73026	525.90746	386.32620	100.40000	2.49598	346.76980	896.76000	1.57113	2033.71001
1.492	-4.991	337.50950	1225.42517	526.17525	386.26830	100.40000	2.49656	346.70000	896.76000	1.55043	2033.67500
1.493	-4.487	337.51760	1225.95140	526.38519	386.22900	100.40000	2.49737	346.71000	896.76000	1.54583	2033.67500
1.493	-3.989	337.48950	1225.61430	526.24854	386.25020	100.40000	2.49676	346.67990	896.75000	1.54625	2033.67500
1.493	-3.484	337.39260	1225.31032	526.11576	386.24510	100.40000	2.49614	346.57980	896.75000	1.54663	2033.67500
1.492	-2.986	337.37180	1225.63667	526.24377	386.21440	100.40000	2.49657	346.55980	896.77980	1.54229	2033.67500
1.492	-2.477	337.60570	1225.89651	526.37372	386.25780	100.40000	2.49747	346.79980	896.76000	1.54984	2033.71001
1.493	-1.978	337.32230	1225.62869	526.23453	386.19290	100.40000	2.49661	346.50980	896.75000	1.54621	2033.71001
1.492	-1.472	337.50930	1225.58655	526.23920	386.25930	100.40000	2.49673	346.70000	896.75000	1.54629	2033.71001
1.493	-.964	337.43090	1225.44780	526.17484	386.24000	100.40000	2.49652	346.61990	896.75000	1.55039	2033.74500
1.492	-.443	337.48050	1224.98329	525.99689	386.26420	100.40000	2.49643	346.66990	896.74000	1.57478	2033.74500
1.492	-.090	337.62650	1225.80756	526.34048	386.28420	100.40000	2.49712	346.81980	896.70000	1.54210	2033.74500
1.492	.492	337.51880	1225.68941	526.28124	386.25880	100.40000	2.49681	346.71000	896.68990	1.54224	2033.74500
1.493	.995	337.45950	1225.87440	526.34811	386.22780	100.40000	2.49696	346.64990	896.70000	1.53808	2033.74500
GRADIENT		.00560	.00418	.00230	.00161	-.00000	.00001	.00571	-.01107	-.00008	.01544

GRADIENT INTERVAL = -5.00/ 5.00  
RN/L = 2.49

MACH	ALPHA	P	PT	Q(PSF)	T(R)	TT(F)	RN/L	PC	PREF	SH10+3	PATM
1.515	-7.006	327.49950	1228.46080	526.06892	382.70950	101.00000	2.49345	336.52980	905.64990	1.76661	2033.85001
1.514	-6.491	327.53120	1227.91443	525.86137	382.77540	101.00000	2.49244	336.55980	905.62990	1.76298	2033.85001
1.515	-5.987	327.06350	1227.33694	525.56744	382.67800	101.00000	2.49073	336.07980	905.62990	1.75491	2033.88499
1.515	-5.483	326.85060	1226.48643	525.20502	382.67530	101.00000	2.48916	335.85990	905.63990	1.76052	2033.88499
1.515	-4.990	326.87130	1226.06593	525.04510	382.70870	101.00000	2.48868	335.87990	905.61990	1.77000	2033.85001
1.514	-4.492	326.86380	1225.44327	524.80205	382.75630	101.00000	2.48772	335.86990	905.62990	1.77536	2033.85001
1.515	-3.983	327.50510	1228.97913	526.27293	382.61770	101.00000	2.49524	336.53980	905.63990	1.80162	2033.85001
1.515	-3.484	327.26640	1227.24707	525.56490	382.67920	101.00000	2.49225	336.28980	905.63990	1.81321	2033.85001
1.514	-2.986	327.79250	1228.09689	525.97330	382.78370	101.00000	2.49427	336.82980	905.63990	1.81203	2033.88499
1.515	-2.483	327.60160	1229.31401	526.41844	382.61470	101.00000	2.49603	336.63990	905.64990	1.80566	2033.88499
1.514	-1.978	327.50900	1227.84067	525.83163	382.70920	101.00000	2.49353	336.53980	905.63990	1.81237	2033.85001
1.514	-1.471	327.29790	1226.74272	525.37392	382.73540	101.00000	2.49143	336.31980	905.63990	1.81397	2033.88499
1.515	-.962	326.80660	1226.99762	525.39998	382.54910	101.00000	2.49122	335.81980	905.62990	1.80897	2033.88499
1.514	-.448	327.41310	1227.52179	525.69304	382.72290	101.00000	2.49254	336.43990	905.62990	1.79926	2033.85001
1.515	-.095	327.69240	1229.43285	526.47539	382.76860	101.00000	2.49450	336.73000	905.58980	1.75639	2033.92000
1.515	.493	328.00290	1230.26888	526.84549	382.80030	101.00000	2.49626	337.04980	905.57980	1.75523	2033.92000
1.515	1.001	327.87570	1230.14694	526.77943	382.83570	101.20000	2.49531	336.91990	905.57980	1.75538	2033.88499
GRADIENT		.11660	.50932	.21507	.01886	.02297	.00077	.12071	-.00819	-.00439	.00913

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(VCMD49) ( 04 OCT 91 )

PARAMETRIC DATA

BETA = .000 PHI = 180.000

RUN NO. 1622/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	P	PT	Q(PSF)	T(R)	TT(F)	RN/L	PC	PREF	SH10+3	PATM
1.542	-6.954	317.73580	1239.92535	528.80431	378.93700	101.30000	2.49171	326.58980	907.51000	1.40182	2033.57001
1.542	-6.491	317.62720	1240.10768	528.85271	378.87740	101.30000	2.49198	326.48000	907.52980	1.40519	2033.57001
1.542	-5.987	317.64770	1239.79625	528.73883	378.90260	101.30000	2.49167	326.50000	907.52980	1.41278	2033.57001
1.542	-5.489	317.58860	1238.69229	528.30750	378.87920	101.30000	2.49165	326.43990	907.48000	1.48822	2033.60500
1.541	-4.990	317.80370	1238.84999	528.40800	378.94120	101.30000	2.49216	326.65990	907.49000	1.48806	2033.57001
1.541	-4.487	317.70530	1238.74762	528.35018	378.89990	101.30000	2.49217	326.55980	907.50000	1.49959	2033.60500
1.541	-3.983	317.62770	1238.62952	528.29099	378.88280	101.30000	2.49189	326.48000	907.49000	1.49972	2033.60500
1.542	-3.485	317.56860	1238.63947	528.28378	378.85570	101.30000	2.49194	326.41990	907.48000	1.50352	2033.60500
1.541	-2.982	317.89230	1238.36826	528.24233	378.98950	101.30000	2.49194	326.75000	907.48000	1.50775	2033.60500
1.541	-2.478	317.74540	1238.37451	528.21661	378.93160	101.30000	2.49189	326.59990	907.47000	1.51156	2033.60500
1.541	-1.978	317.68650	1238.31633	528.18341	378.91060	101.30000	2.49182	326.53980	907.43990	1.51548	2033.60500
1.541	-1.472	317.76590	1237.99849	528.07802	378.96190	101.30000	2.49147	326.61990	907.46000	1.51975	2033.60500
1.541	-.962	317.65840	1237.75725	527.96626	378.86740	101.20000	2.49174	326.50980	907.42990	1.52778	2033.60500
1.541	-.441	317.62870	1237.95703	528.03670	378.84420	101.20000	2.49194	326.48000	907.39990	1.52365	2033.60500
1.541	.142	317.59910	1237.98163	528.03982	378.83150	101.20000	2.49195	326.45000	907.40990	1.52361	2033.60500
1.541	.478	317.46340	1237.68039	527.90105	378.81030	101.20000	2.49129	326.30980	907.35990	1.52396	2033.60500
1.542	.996	317.36450	1237.99530	528.00078	378.75240	101.20000	2.49161	326.21000	907.33980	1.51968	2033.60500
	GRADIENT	-.04586	-.18263	-.07785	-.02219	-.02193	-.00009	-.04720	-.02478	.00565	.00230

(VCMO50) ( 04 OCT 91 )

PARAMETRIC DATA

BETA = .500 PHI = 180.000
GRADIENT INTERVAL = -5.00/ 5.00

Table with columns: MACH, ALPHA, P, PT, RN/L, Q(PSF), T(R), TT(F), RN/L, PC, PREF, SH10+3, PATM. Rows include data for MACH values from .599 to .800.

GRADIENT INTERVAL = -5.00/ 5.00

Table with columns: MACH, ALPHA, P, PT, RN/L, Q(PSF), T(R), TT(F), RN/L, PC, PREF, SH10+3, PATM. Rows include data for MACH values from .800 to 1.084.

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(VCM050) ( 04 OCT 91 )

PARAMETRIC DATA

BETA = .500 PHI = 180.000

RUN NO. 1500/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	P	PT	Q(PSF)	T(R)	TT(F)	RN/L	PC	PREF	SH10+3	PATM
.900	-6.987	753.03150	1273.17999	426.67700	482.20610	100.60000	2.49560	763.03980	981.53980	4.53586	2036.68500
.900	-6.472	752.77760	1273.30000	426.91040	482.14650	100.60000	2.49626	762.78980	981.57980	4.56781	2036.72000
.900	-5.967	752.82890	1273.22000	426.82470	482.25070	100.70000	2.49539	762.83980	981.58980	4.61162	2036.68500
.900	-5.466	752.58740	1273.22000	426.96870	482.20630	100.70000	2.49571	762.59990	981.60990	4.64450	2036.68500
.900	-4.970	752.50050	1272.96001	426.84180	482.21850	100.70000	2.49511	762.51000	981.63990	4.70075	2036.68500
.900	-4.463	752.36330	1272.69000	426.73800	482.13670	100.60000	2.49513	762.36990	981.66990	4.72405	2036.68500
.900	-3.959	752.50170	1272.85001	426.76540	482.05860	100.50000	2.49596	762.51000	981.68990	4.77959	2036.72000
.900	-3.459	752.57960	1273.06000	426.86330	481.96410	100.40000	2.49701	762.58980	981.70000	4.84697	2036.68500
.900	-2.950	753.07250	1273.13000	426.61840	482.04660	100.40000	2.49656	763.07980	981.72000	4.92735	2036.68500
.900	-2.443	753.72800	1274.52000	427.18310	481.93020	100.30000	2.50008	763.75000	981.75980	4.98022	2036.68500
.900	-1.934	753.95480	1274.86000	427.28170	481.84890	100.20000	2.50129	763.98000	981.77980	5.01415	2036.68500
.900	-1.413	753.59740	1274.50999	427.25440	481.73540	100.10000	2.50137	763.61990	981.79980	5.05104	2036.68500
.900	-.887	753.18310	1273.86000	427.05400	481.64380	100.00000	2.50071	763.20000	981.81980	5.10136	2036.68500
.900	-.348	753.49270	1274.05000	427.00020	481.59370	99.89999	2.50141	763.51000	981.83980	5.16082	2036.68500
.900	.191	753.10330	1273.08000	426.56540	481.71340	100.00000	2.49869	763.10990	981.84990	5.26257	2036.72000
.900	.635	753.03860	1273.37000	426.80320	481.67040	100.00000	2.49956	763.04980	981.87990	5.31088	2036.68500
.900	1.081	753.19750	1273.53000	426.81860	481.68210	100.00000	2.49979	763.21000	981.88990	5.33512	2036.68500
GRADIENT		.13726	.12975	.00748	-.09753	-.12621	.00090	.13804	.04142	.10802	.00000

RUN NO. 1485/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	P	PT	Q(PSF)	T(R)	TT(F)	RN/L	PC	PREF	SH10+3	PATM
1.100	-7.003	564.92900	1206.21001	478.50050	450.77980	100.20000	2.49843	575.11990	912.36990	.98442	2037.56000
1.100	-6.483	564.83790	1206.24001	478.55370	450.75590	100.20000	2.49854	575.02980	912.36990	.98706	2037.56000
1.100	-5.988	564.88230	1205.87000	478.32100	450.80570	100.20000	2.49768	575.06980	912.37990	.99270	2037.56000
1.100	-5.481	564.99120	1206.00999	478.35940	450.73490	100.10000	2.49853	575.17990	912.42990	.99258	2037.52499
1.100	-4.986	564.70190	1205.87000	478.39230	450.68380	100.10000	2.49834	574.88990	912.41990	.99270	2037.52499
1.100	-4.483	564.73930	1206.12000	478.52290	450.66580	100.10000	2.49890	574.92990	912.46000	.99249	2037.52499
1.100	-3.989	564.91020	1206.09000	478.43800	450.70800	100.10000	2.49875	575.09990	912.45000	.99252	2037.52499
1.100	-3.481	564.91210	1205.92000	478.33840	450.72660	100.10000	2.49836	575.09990	912.46000	.98732	2037.49001
1.100	-2.976	565.01120	1206.00000	478.34570	450.74050	100.10000	2.49850	575.20000	912.48000	.98725	2037.45500
1.100	-2.479	564.79930	1206.13000	478.50510	450.67850	100.10000	2.49889	574.99000	912.47000	.98715	2037.45500
1.100	-1.976	564.85230	1205.86000	478.32690	450.71920	100.10000	2.49825	575.03980	912.49000	.99271	2037.45500
1.100	-1.464	565.01100	1206.05000	478.37500	450.73510	100.10000	2.49861	575.20000	912.49000	.99255	2037.45500
1.100	-.968	564.92090	1206.00999	478.38720	450.63840	100.00000	2.49914	575.10990	912.48000	.99258	2037.45500
1.100	-.460	564.94970	1206.14000	478.45140	450.63110	100.00000	2.49943	575.13990	912.50000	.99515	2037.45500
1.100	.051	564.88090	1206.00999	478.40310	450.70970	100.10000	2.49858	575.06980	912.50000	.96095	2037.45500
1.100	.536	565.04200	1205.94000	478.29860	450.75420	100.10000	2.49834	575.23000	912.51980	.96101	2037.45500
1.100	1.029	565.03030	1206.10001	478.39620	450.73410	100.10000	2.49872	575.22000	912.53980	.97658	2037.42000
GRADIENT		.03835	.00827	-.01034	.00343	-.00548	.00003	.03835	.01485	-.00373	-.01574

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(VCM050) ( 04 OCT 91 )

PARAMETRIC DATA

BETA = .500 PHI = 180.000
GRADIENT INTERVAL = -5.00/ 5.00
RN/L = 2.50

Table with columns: MACH, ALPHA, P, PT, Q(PSF), T(R), TT(F), RN/L, PC, PREF, SH10+3, PATM. Rows 1.250 to 1.400.

GRADIENT INTERVAL = -5.00/ 5.00
RN/L = 2.50

Table with columns: MACH, ALPHA, P, PT, Q(PSF), T(R), TT(F), RN/L, PC, PREF, SH10+3, PATM. Rows 1.400 to 1.400.

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(VCM050) ( 04 OCT 91 )

PARAMETRIC DATA

BETA = .500 PHI = 180.000

RUN NO. 1557/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	P	PT	Q(PSF)	T(R)	TT(F)	RN/L	PC	PREF	SH10+3	PATM
1.450	-6.981	358.81520	1225.98000	528.16600	393.97730	100.00000	2.49910	368.28980	893.20000	1.44545	2035.35500
1.450	-6.463	358.92410	1225.89999	528.13840	394.15970	100.20000	2.49787	368.39990	893.20000	1.44931	2035.32001
1.450	-5.961	359.20680	1226.50999	528.40670	394.19240	100.20000	2.49921	368.68990	893.22000	1.45237	2035.32001
1.450	-5.458	358.64890	1225.74001	528.05790	393.87670	99.89999	2.49911	368.11990	893.18990	1.45329	2035.35500
1.450	-4.955	358.72970	1225.37000	527.90820	394.07690	100.10000	2.49735	368.20000	893.18990	1.45373	2035.39000
1.450	-4.450	358.94290	1226.07001	528.21020	394.07960	100.10000	2.49878	368.41990	893.18990	1.44911	2035.35500
1.450	-3.950	358.93120	1226.42000	528.35500	394.04370	100.10000	2.49938	368.40990	893.18990	1.44870	2035.35500
1.450	-3.448	359.00150	1226.16000	528.25070	394.01930	100.00000	2.49959	368.48000	893.17990	1.44901	2035.35500
1.450	-2.937	358.82860	1225.30000	527.88400	394.11450	100.10000	2.49731	368.29980	893.20000	1.45003	2035.32001
1.450	-2.426	359.03100	1226.19000	528.26440	393.95530	99.89999	2.50027	368.50980	893.18990	1.41164	2035.32001
1.450	-1.907	358.96290	1226.00000	528.18210	394.09230	100.10000	2.49868	368.43990	893.15990	1.41186	2035.32001
1.450	-1.390	358.95190	1225.72000	528.27290	393.92770	99.89999	2.50025	368.42990	893.16990	1.41900	2035.35500
1.450	-.856	358.69820	1225.50999	528.05200	394.03490	100.10000	2.49793	368.16990	893.15990	1.43823	2035.35500
1.450	-.307	359.05180	1225.99001	528.18240	394.12110	100.10000	2.49874	368.52980	893.14990	1.41556	2035.35500
1.449	.240	359.02470	1225.50999	527.98120	394.15670	100.10000	2.49787	368.50000	893.13990	1.40506	2035.35500
1.450	.659	359.04960	1226.39999	528.35280	394.08280	100.10000	2.49946	368.52980	893.12990	1.40771	2035.35500
1.450	1.098	359.03440	1225.52000	527.98610	394.01780	99.89999	2.49909	368.50980	893.12990	1.40872	2035.35500
1.449	.02723	.00819	.00819	-.00203	.00283	-.00916	.00007	.02757	-.01128	-.00825	-.00109

RUN NO. 1642/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	P	PT	Q(PSF)	T(R)	TT(F)	RN/L	PC	PREF	SH10+3	PATM
1.470	-6.982	348.12820	1223.58353	526.46773	390.72630	101.00000	2.49321	357.47000	889.05980	1.34366	2031.89000
1.471	-6.469	347.56080	1222.96843	526.17095	390.60690	101.00000	2.49143	356.88990	889.09990	1.33738	2031.89000
1.471	-5.968	347.95830	1224.23398	526.71880	390.61570	101.00000	2.49410	357.29980	889.13990	1.33946	2031.89000
1.470	-5.465	348.02050	1223.59441	526.46354	390.70190	101.00000	2.49291	357.35990	889.18990	1.33674	2031.89000
1.470	-4.967	347.78560	1223.37560	526.35503	390.58030	100.90000	2.49281	357.11990	889.22000	1.33352	2031.85500
1.471	-4.458	347.88090	1224.01306	526.62257	390.62260	101.00000	2.49342	357.22000	889.24000	1.33283	2031.85500
1.470	-3.957	348.05030	1223.40744	526.38992	390.71680	101.00000	2.49284	357.38990	889.25000	1.34384	2031.82001
1.470	-3.451	348.30540	1223.66255	526.51462	390.78420	101.00000	2.49338	357.64990	889.26000	1.34015	2031.85500
1.470	-2.941	348.09810	1223.81927	526.29674	390.70680	101.00000	2.49337	357.43990	889.29980	1.33650	2031.85500
1.470	-2.436	347.88530	1223.20996	526.55544	390.70460	101.00000	2.49189	357.22000	889.30980	1.33030	2031.82001
1.470	-1.920	347.91140	1223.84128	526.55544	390.64870	101.00000	2.49314	357.25000	889.31980	1.33302	2031.82001
1.470	-1.399	347.99320	1223.23657	526.31585	390.66240	100.90000	2.49273	357.32980	889.31980	1.33371	2031.85500
1.470	-.872	348.10010	1223.42870	526.40295	390.74370	101.00000	2.49268	357.43990	889.34990	1.33694	2031.82001
1.470	-.328	348.03830	1224.07118	526.65956	390.66940	101.00000	2.49365	357.37990	889.34990	1.33279	2031.82001
1.470	.219	348.02100	1223.61845	526.47365	390.71190	101.00000	2.49272	357.35990	889.36990	1.32986	2031.82001
1.470	.650	348.02030	1223.82050	526.55566	390.69900	101.00000	2.49296	357.35990	889.37990	1.32623	2031.78500
1.470	1.096	347.89430	1223.40358	526.37539	390.69580	101.00000	2.49212	357.23000	889.39990	1.32667	2031.78500
1.470	GRADIENT	.00598	.00639	.00311	.00793	.00536	-.00007	.00595	-.02829	-.00158	-.00974



IA310 (AEDC 16TF-783) PROBE CALIBRATION

(VCM050) ( 04 OCT 91 )

PARAMETRIC DATA

BETA = .500 PHI = 180.000  
RUN NO. 1592/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	P	PT	Q(PSF)	T(R)	TT(F)	RN/L	PC	PREF	SH10+3	PATM
1.492	-6.987	337.48950	1225.52194	526.21100	386.25290	100.40000	2.49671	346.67990	896.67990	1.55030	2033.74500
1.493	-6.470	337.51860	1225.87338	526.35424	386.25340	100.40000	2.49691	346.71000	896.70000	1.53419	2033.74500
1.493	-5.968	337.52860	1225.86443	526.35188	386.25760	100.40000	2.49690	346.72000	896.70000	1.53420	2033.74500
1.492	-5.466	337.62550	1225.87866	526.36855	386.26610	100.40000	2.49746	346.81980	896.70000	1.54986	2033.71001
1.492	-4.964	337.48970	1225.57494	526.23266	386.25390	100.40000	2.49669	346.67990	896.68990	1.54630	2033.71001
1.493	-4.460	337.41110	1225.40282	526.15507	386.23170	100.40000	2.49653	346.59990	896.67990	1.55439	2033.71001
1.492	-3.960	337.53930	1225.30579	526.13149	386.28340	100.40000	2.49649	346.73000	896.67990	1.55458	2033.71001
1.493	-3.453	337.35300	1225.24989	526.08743	386.22610	100.40000	2.49621	346.53980	896.67990	1.55453	2033.71001
1.492	-2.949	337.74290	1225.98759	526.42551	386.29570	100.40000	2.49777	346.93990	896.67990	1.54974	2033.71001
1.492	-2.440	337.68290	1226.20471	526.50574	386.25020	100.40000	2.49819	346.87990	896.67990	1.55339	2033.71001
1.493	-1.925	337.59370	1226.28134	526.52624	386.20780	100.40000	2.49834	346.78980	896.66990	1.55724	2033.71001
1.492	-1.405	337.90720	1226.63232	526.70036	386.29220	100.40000	2.49904	347.10990	896.68990	1.54068	2033.67500
1.492	-.882	337.94560	1226.95827	526.83503	386.28710	100.40000	2.49943	347.14990	896.68990	1.54894	2033.71001
1.493	-.341	337.94430	1227.30612	526.97310	386.26070	100.40000	2.49992	347.14990	896.65990	1.53633	2033.67500
1.493	.206	338.06100	1227.78899	527.17822	386.27320	100.40000	2.50055	347.26990	896.65990	1.52407	2033.71001
1.492	.634	338.19700	1227.88655	527.23269	386.28740	100.40000	2.50128	347.40990	896.65990	1.53954	2033.71001
1.493	1.089	337.84370	1227.88689	527.19304	386.17460	100.40000	2.50082	347.04980	896.65990	1.53559	2033.71001
	GRADIENT	.11393	.48241	.20489	-.00105	-.00000	.00086	.11786	-.00412	-.00367	-.00194

RUN NO. 1608/ O RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	P	PT	Q(PSF)	T(R)	TT(F)	RN/L	PC	PREF	SH10+3	PATM
1.515	-6.987	327.22780	1228.49875	526.04060	382.81840	101.20000	2.49071	336.25000	905.57980	1.71403	2033.92000
1.515	-6.470	327.83980	1230.02811	526.72563	382.89750	101.20000	2.49387	336.87990	905.58980	1.70766	2033.88499
1.515	-5.968	328.01070	1231.15424	527.19004	382.82640	101.20000	2.49652	337.05980	905.57980	1.72771	2033.88499
1.515	-5.466	327.78520	1231.12808	527.14621	382.81930	101.30000	2.49564	336.82980	905.58980	1.72771	2033.92000
1.515	-4.968	327.36430	1228.49922	526.06183	382.91650	101.30000	2.49059	336.38990	905.58980	1.72704	2033.88499
1.515	-4.465	327.08670	1226.75404	525.34294	382.97220	101.30000	2.48742	336.03990	905.58980	1.73384	2033.88499
1.515	-3.955	326.54200	1225.66231	524.83777	382.88840	101.30000	2.48486	335.53980	905.58980	1.73095	2033.92000
1.516	-3.454	327.09030	1228.66769	526.08491	382.83540	101.30000	2.49004	336.10990	905.58980	1.70516	2033.95500
1.514	-2.949	327.80570	1228.98808	526.31584	383.07010	101.30000	2.49103	336.83980	905.58980	1.69199	2033.92000
1.516	-2.440	327.06150	1228.39154	525.97462	382.83910	101.30000	2.48975	336.07980	905.57980	1.71415	2033.92000
1.515	-1.930	327.10210	1228.03532	525.84239	382.88530	101.30000	2.48919	336.11990	905.58980	1.71466	2033.92000
1.516	-1.407	327.14040	1228.42979	526.00059	382.87430	101.30000	2.48969	336.15990	905.57980	1.70550	2033.92000
1.516	-.878	327.49540	1230.35374	526.80051	382.82350	101.30000	2.49335	336.52980	905.58980	1.70286	2033.95500
1.516	-.340	327.89450	1231.13191	527.16260	382.89090	101.30000	2.49511	336.93990	905.58980	1.70183	2033.88499
1.515	.205	327.29000	1227.77385	525.76820	383.05320	101.40000	2.48813	336.30980	905.58980	1.70645	2033.88499
1.516	.644	326.33400	1226.76633	525.23260	382.77390	101.30000	2.48545	335.32980	905.55980	1.68633	2033.95500
1.516	1.094	326.69380	1227.48749	525.56674	382.89580	101.40000	2.48658	335.70000	905.58980	1.68964	2033.92000
	GRADIENT	-.03004	.13790	.04876	-.00783	.01075	-.00000	-.03040	-.00162	-.00596	-.00288

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(VCM050) ( 04 OCT 91 )

PARAMETRIC DATA

BETA = .500 PHI = 180.000

RUN NO. 1623/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	P	PT	Q(PSF)	T(R)	TT(F)	RN/L	PC	PREF	SH10F3	PATM
1.542	-6.986	317.22090	1237.55357	527.80754	378.78270	101.20000	2.48991	326.05980	907.30980	1.48955	2033.57001
1.541	-6.469	317.30910	1237.41154	527.77065	378.81640	101.20000	2.48996	326.14990	907.30980	1.49735	2033.57001
1.542	-5.968	317.17210	1237.44939	527.75864	378.76950	101.20000	2.48978	326.00980	907.29980	1.49347	2033.60500
1.541	-5.466	317.39700	1237.51195	527.82511	378.84370	101.20000	2.49014	326.24000	907.29980	1.49344	2033.64000
1.541	-4.968	317.45530	1237.73351	527.92079	378.84990	101.20000	2.49048	326.29980	907.27980	1.48937	2033.64000
1.542	-4.465	317.30660	1238.21471	528.07404	378.75420	101.20000	2.49112	326.14990	907.29980	1.48875	2033.60500
1.542	-3.954	317.36570	1238.07822	528.03357	378.78220	101.20000	2.49106	326.21000	907.27980	1.49273	2033.60500
1.541	-3.453	317.66700	1238.74254	528.34178	378.83470	101.20000	2.49242	326.51980	907.26980	1.48817	2033.60500
1.541	-2.950	317.80370	1238.81123	528.39313	378.87700	101.20000	2.49270	326.65980	907.26000	1.48811	2033.60500
1.541	-2.440	317.82180	1239.33641	528.59587	378.84180	101.20000	2.49351	326.67990	907.25000	1.48368	2033.60500
1.542	-1.925	317.76270	1239.50142	528.64758	378.81640	101.20000	2.49352	326.61990	907.24000	1.47592	2033.60500
1.542	-1.412	317.79100	1239.82513	528.77484	378.79760	101.20000	2.49410	326.64990	907.22000	1.47553	2033.60500
1.541	-.882	318.06470	1239.89433	528.85283	378.88820	101.20000	2.49453	326.92990	907.23000	1.47550	2033.60500
1.542	-.339	317.96610	1240.07352	528.90182	378.83740	101.20000	2.49472	326.82980	907.20000	1.47526	2033.60500
1.542	.206	317.98540	1240.22160	528.96138	378.83110	101.20000	2.49499	326.84990	907.20000	1.47508	2033.64000
1.541	.642	318.13230	1240.07928	528.93533	378.88550	101.20000	2.49511	327.00000	907.15990	1.48283	2033.64000
1.542	1.094	317.96560	1240.05476	528.89423	378.82350	101.20000	2.49498	326.82980	907.14990	1.48661	2033.60500
GRADIENT		.11891	.41396	.17900	.00731	-.00000	.00079	.12291	-.02251	-.00205	.00117

IA310 (AEDC 16TF-783) PROBE CALIBRATION

( VCM051 ) ( 04 OCT 91 )

PARAMETRIC DATA

BETA = 1.000 PHI = 180.000
RUN NO. 1577/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

Table with columns: MACH, ALPHA, P, PT, Q (PSF), T (R), TT (F), RN/L, PC, PREF, SH10+3, PATM. Rows range from MACH .600 to .800.

RUN NO. 1467/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

Table with columns: MACH, ALPHA, P, PT, Q (PSF), T (R), TT (F), RN/L, PC, PREF, SH10+3, PATM. Rows range from MACH .799 to .800.

( VCM051 ) ( 04 OCT 91 )

PARAMETRIC DATA

BETA = 1.000 PHI = 180.000

RUN NO. 1501/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	P	PT	Q (PSF)	T (R)	TT (F)	RN/L	PC	PREF	SH10+3	PATM
.900	-6.972	753.95460	1274.89999	427.30960	481.50020	99.80000	2.50371	763.98000	981.97000	5.20596	2036.64999
.900	-6.451	753.33110	1274.07001	427.11010	481.38990	99.70000	2.50283	763.34990	981.99000	5.22161	2036.64999
.900	-5.951	751.49150	1271.62000	426.52150	481.31840	99.70000	2.49853	761.49000	981.98000	5.12244	2036.61501
.900	-5.448	752.07320	1272.50999	426.78690	481.32860	99.70000	2.50020	762.07980	982.00980	5.07095	2036.64999
.900	-4.948	753.02340	1273.72000	427.05250	481.37160	99.70000	2.50227	763.03980	982.03980	5.00688	2036.64999
.900	-4.442	753.88180	1275.03999	427.44900	481.38570	99.70000	2.50476	763.90990	982.04980	4.96647	2036.68500
.900	-3.937	752.59470	1272.70000	426.60720	481.31740	99.59999	2.50062	762.59990	982.05980	5.03456	2036.72000
.900	-3.426	751.39840	1271.07001	426.19920	481.18870	99.50000	2.49830	761.38990	982.05980	4.97039	2036.68500
.900	-2.918	752.00070	1271.96001	426.45240	481.20260	99.50000	2.49935	762.00000	982.05980	4.86265	2036.64999
.900	-2.406	752.69600	1273.36000	427.00020	481.17850	99.50000	2.50287	762.71000	982.07980	4.77766	2036.64999
.900	-1.893	753.69480	1274.71001	427.33330	481.21510	99.50000	2.50526	763.72000	982.12990	4.66105	2036.64999
.900	-1.371	753.86840	1275.27000	427.61470	481.18650	99.50000	2.50657	763.89990	982.14990	4.59325	2036.68500
.900	-.845	753.54000	1274.25999	427.11650	481.23540	99.50000	2.50423	763.55980	982.16990	4.51053	2036.64999
.900	-.325	753.09130	1273.20000	426.65500	481.26810	99.50000	2.50192	763.09990	982.17990	4.19313	2036.61501
.900	.165	752.86330	1272.95000	426.61910	481.16720	99.39999	2.50211	762.86990	982.15990	4.15407	2036.58000
.900	.650	752.67140	1272.99001	426.76070	481.12790	99.39999	2.50247	762.67990	982.17990	4.14402	2036.61501
.900	1.140	752.70390	1272.81000	426.61770	481.23930	99.50000	2.50135	762.71000	982.18990	4.13471	2036.61501
	GRADIENT	.02733	-.01800	-.02862	-.02550	-.03769	.00013	.02688	.02804	-.17337	-.01397

RUN NO. 1486/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	P	PT	Q (PSF)	T (R)	TT (F)	RN/L	PC	PREF	SH10+3	PATM
1.100	-6.998	565.02150	1205.98000	478.33010	450.74510	100.10000	2.49845	575.21000	912.56980	.96358	2037.42000
1.100	-6.483	564.97170	1205.96001	478.33810	450.73580	100.10000	2.49842	575.15980	912.57980	.96359	2037.42000
1.100	-5.978	565.02250	1205.88000	478.27150	450.75590	100.10000	2.49821	575.21000	912.62990	.99269	2037.35001
1.100	-5.476	564.88110	1205.98000	478.38550	450.71310	100.10000	2.49851	575.06980	912.61990	.98994	2037.35001
1.100	-4.980	565.01220	1205.92000	478.29880	450.74930	100.10000	2.49831	575.20000	912.64990	.97409	2037.38499
1.100	-4.480	564.76120	1205.94000	478.40940	450.68990	100.10000	2.49847	574.95000	912.64990	.98199	2037.35001
1.100	-3.977	564.89400	1205.74001	478.24070	450.74170	100.10000	2.49795	575.07980	912.66990	.98481	2037.38499
1.100	-3.470	564.88090	1206.02000	478.40890	450.70870	100.10000	2.49860	575.06980	912.66990	.96876	2037.38499
1.100	-2.971	564.77000	1206.06000	478.47580	450.67920	100.10000	2.49875	574.96000	912.68990	.99254	2037.38499
1.100	-2.467	564.98830	1206.25999	478.50590	450.70750	100.10000	2.49910	575.17990	912.68990	.97382	2037.42000
1.100	-1.967	564.90040	1206.05000	478.41850	450.71000	100.10000	2.49866	575.08980	912.70000	1.00330	2037.42000
1.100	-1.466	564.89110	1205.97000	478.37550	450.71630	100.10000	2.49848	575.07980	912.70000	.99798	2037.42000
1.100	-.954	564.93190	1205.94000	478.34200	450.80930	100.20000	2.49781	575.11990	912.72000	.96883	2037.38499
1.100	-.467	564.88210	1205.89999	478.33860	450.72190	100.10000	2.49833	575.06980	912.71000	.96886	2037.42000
1.100	.024	565.20040	1206.12000	478.34060	450.77100	100.10000	2.49868	575.38990	912.73000	.97130	2037.42000
1.100	.526	564.90990	1206.10001	478.44380	450.78740	100.20000	2.49819	575.09990	912.74000	.98186	2037.42000
1.100	1.034	564.95070	1206.05000	478.39870	450.80200	100.20000	2.49806	575.13990	912.75000	.98190	2037.42000
	GRADIENT	.02003	.02422	.00618	.01348	.01427	-.00004	.02023	.01625	-.00034	-.00880

## IA310 (AEDC 16TF-783) PROBE CALIBRATION

( VCM051 ) ( 04 OCT 91 )

## PARAMETRIC DATA

BETA = 1.000 PHI = 180.000

RUN NO. 1524/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	P	PT	Q(PSF)	T(R)	TT(F)	RN/L	PC	PREF	SH10+3	PATM
1.250	-6.979	462.67260	1198.03999	505.83810	426.68580	100.30000	2.49841	472.79980	864.38990	1.23068	2035.77499
1.250	-6.462	462.51170	1198.22000	505.96460	426.62520	100.30000	2.49876	472.63990	864.39990	1.21430	2035.74001
1.250	-5.961	462.52170	1198.19000	505.94700	426.70700	100.40000	2.49811	472.64990	864.39990	1.21755	2035.77499
1.250	-5.457	462.37450	1197.86000	505.81230	426.62570	100.30000	2.49801	472.50000	864.39990	1.22112	2035.74001
1.250	-4.952	462.48660	1197.49001	505.60010	426.69290	100.30000	2.49727	472.60990	864.39990	1.22150	2035.74001
1.250	-4.456	462.71070	1198.27000	505.94650	426.67260	100.30000	2.49889	472.83980	864.38990	1.22070	2035.77499
1.250	-3.950	462.80830	1198.56000	506.07200	426.74490	100.40000	2.49890	472.93990	864.40990	1.22364	2035.74001
1.250	-3.440	462.44430	1197.84000	505.78660	426.72220	100.40000	2.49739	472.56980	864.37990	1.21791	2035.74001
1.250	-2.933	462.47630	1197.55000	505.63280	426.68410	100.30000	2.49739	472.59990	864.38990	1.21820	2035.74001
1.250	-2.428	462.76000	1198.35001	505.97610	426.67750	100.30000	2.49906	472.88990	864.39990	1.21417	2035.74001
1.250	-1.912	462.75850	1198.58000	506.09300	426.72970	100.40000	2.49894	472.88990	864.39990	1.21393	2035.70500
1.250	-1.403	462.56300	1198.00000	505.84180	426.66110	100.30000	2.49832	472.68990	864.37990	1.21452	2035.70500
1.250	-.885	462.40410	1197.92000	505.83590	426.70360	100.40000	2.49755	472.52980	864.37990	1.21138	2035.70500
1.250	-.369	462.53490	1197.73000	505.71120	426.68120	100.30000	2.49777	472.65990	864.39990	1.21158	2035.70500
1.250	.116	462.52440	1197.82001	505.75900	426.66920	100.30000	2.49795	472.64990	864.39990	1.21149	2035.70500
1.250	.605	462.85910	1198.42000	505.99000	426.69650	100.30000	2.49921	472.99000	864.36990	1.21732	2035.70500
1.250	1.105	462.70040	1198.31000	505.96870	426.66580	100.30000	2.49897	472.82980	864.36990	1.22066	2035.70500
GRADIENT		.00859	.02943	.01301	-.00485	-.00540	.00009	.00881	-.00303	-.00112	-.00995

RUN NO. 1540/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	P	PT	Q(PSF)	T(R)	TT(F)	RN/L	PC	PREF	SH10+3	PATM
1.400	-6.981	382.04080	1215.14000	523.88960	402.19190	100.10000	2.49857	391.75000	878.98000	1.20691	2035.17999
1.400	-6.465	381.72660	1214.78000	523.73850	401.98780	99.89999	2.49887	391.42990	878.98000	1.20727	2035.17999
1.400	-5.962	381.84160	1215.37000	523.99410	401.96660	99.89999	2.50003	391.54980	878.99000	1.21309	2035.14500
1.400	-5.459	381.92430	1214.74001	523.71680	402.19480	100.10000	2.49776	391.62990	878.96000	1.22340	2035.17999
1.400	-4.960	381.86180	1215.27000	523.95000	402.12570	100.10000	2.49868	391.56980	878.96000	1.22611	2035.17999
1.400	-4.458	381.79390	1215.07001	523.86380	401.98070	99.89999	2.49945	391.50000	878.96000	1.22307	2035.14500
1.400	-3.954	381.70750	1214.66000	523.68630	401.99340	99.89999	2.49864	391.40990	878.96000	1.22025	2035.17999
1.400	-3.445	381.84590	1214.66000	523.68360	402.03520	99.89999	2.49874	391.54980	878.95000	1.17579	2035.17999
1.400	-2.939	381.78980	1215.75999	524.16580	401.91410	99.89999	2.50071	391.50000	878.93990	1.17161	2035.14500
1.400	-2.434	381.79300	1215.22000	523.92940	401.96610	99.89999	2.49972	391.50000	878.90990	1.16902	2035.14500
1.400	-1.925	381.68730	1214.70000	523.70410	402.12720	100.10000	2.49751	391.38990	878.92990	1.16952	2035.14500
1.400	-1.409	381.75630	1214.73000	523.71580	402.00150	99.89999	2.49880	391.46000	878.90990	1.16639	2035.14500
1.400	-.893	382.04960	1215.28999	523.95510	402.10860	100.00000	2.49945	391.75980	878.90990	1.17206	2035.14500
1.400	-.383	381.88430	1214.84000	523.76150	402.02950	99.89999	2.49910	391.58980	878.87990	1.17250	2035.14500
1.399	.104	382.17090	1214.86000	523.76420	402.11380	99.89999	2.49934	391.87990	878.87990	1.16937	2035.14500
1.400	.595	381.91090	1215.32001	523.97070	402.06420	100.00000	2.49940	391.61990	878.86990	1.17203	2035.14500
1.400	1.095	381.57840	1214.72000	523.71510	402.09250	100.10000	2.49747	391.27980	878.84990	1.17261	2035.11000
GRADIENT		.01473	-.02324	-.01048	.01203	.00753	-.00008	.01476	-.01847	-.00860	-.00727

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(VCM051) ( 04 OCT 91 )

PARAMETRIC DATA

BETA = 1.000 PHI = 180.000

RUN NO. 1558/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	P	PT	O(PSF)	T(R)	TT(F)	RN/L	PC	PREF	SH10+3	PATM
1.450	-6.962	358.91190	1226.34000	528.32080	394.04490	100.10000	2.49923	368.38990	893.10990	1.40778	2035.35500
1.450	-6.444	359.00270	1225.96001	528.16750	394.03810	100.00000	2.49924	368.48000	893.09990	1.40822	2035.35500
1.450	-5.941	358.83620	1225.75000	528.07180	394.14580	100.20000	2.49752	368.30980	893.10990	1.44195	2035.35500
1.449	-5.435	359.34590	1226.27000	528.31370	394.04660	99.89999	2.50071	368.82980	893.09990	1.43758	2035.32001
1.449	-4.929	358.96630	1225.36000	527.91600	394.08180	100.00000	2.49815	368.43990	893.10990	1.42743	2035.35500
1.450	-4.430	358.83350	1226.24001	528.27510	393.95920	100.00000	2.49957	368.30980	893.09990	1.39689	2035.35500
1.451	-3.918	358.42090	1226.00000	528.15410	393.78120	99.89999	2.49935	367.88990	893.09990	1.39352	2035.39000
1.450	-3.408	358.87620	1225.63000	528.02370	394.02860	100.00000	2.49854	368.34990	893.08980	1.39394	2035.35500
1.448	-2.897	359.73170	1226.05000	528.24120	394.25830	100.00000	2.50008	369.22000	893.08980	1.39346	2035.39000
1.450	-2.380	358.75730	1225.73000	528.05930	393.98220	100.00000	2.49860	368.23000	893.08980	1.41957	2035.35500
1.450	-1.862	359.12960	1226.14000	528.24880	394.06130	100.00000	2.49825	368.60990	893.05980	1.41964	2035.39000
1.451	-1.337	358.50150	1225.67000	528.02100	393.99710	100.00000	2.49825	367.97000	893.05980	1.41964	2035.39000
1.450	-0.806	358.97220	1226.13000	528.23660	394.01290	100.00000	2.49951	368.45000	893.06980	1.41910	2035.39000
1.450	-0.276	358.78740	1225.67000	528.03590	393.99710	100.00000	2.49852	368.25980	893.04980	1.40855	2035.42500
1.450	.215	359.00150	1226.17000	528.25460	394.01830	100.00000	2.49961	368.48000	893.04980	1.40430	2035.39000
1.450	.693	359.02290	1225.84000	528.11870	394.12570	100.10000	2.49845	368.50000	893.04980	1.39006	2035.42500
1.450	1.173	359.09990	1226.23000	528.28470	394.11400	100.10000	2.49921	368.57980	893.02980	1.39691	2035.42500
	GRADIENT	.02130	.04370	.01930	.01389	.01595	.00000	.02184	-.01201	-.00081	.01085

RUN NO. 1643/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	P	PT	Q(PSF)	T(R)	TT(F)	RN/L	PC	PREF	SH10+3	PATM
1.470	-6.969	348.17650	1224.30037	526.76445	390.65500	100.90000	2.49419	357.51980	889.39990	1.31553	2031.75000
1.470	-6.446	348.14140	1223.45688	526.41830	390.72170	100.90000	2.49266	357.48000	889.39990	1.31645	2031.75000
1.470	-5.944	348.11770	1224.34752	526.77914	390.70680	101.00000	2.49351	357.46000	889.42990	1.31209	2031.75000
1.471	-5.444	347.67600	1223.99844	526.60017	390.58590	101.00000	2.49265	357.00980	889.45000	1.31579	2031.75000
1.470	-4.938	347.95310	1222.96109	526.20029	390.63770	100.90000	2.49292	357.28980	889.43990	1.35472	2031.71500
1.484	-4.435	348.16750	1248.88066	536.85774	390.66850	100.90000	2.49387	357.50980	889.43990	.00000	2031.71500
1.470	-3.928	347.99270	1223.15565	526.28278	390.65140	100.90000	2.49294	357.32980	889.45000	1.34411	2031.71500
1.470	-3.420	348.11890	1223.48454	526.42659	390.73240	101.00000	2.49303	357.46000	889.45000	1.34376	2031.71500
1.470	-2.905	348.16630	1223.86215	526.58438	390.71310	101.00000	2.49373	357.50980	889.46000	1.34335	2031.67999
1.470	-2.394	347.93210	1223.43161	526.38970	390.60570	101.00000	2.49338	357.26980	889.46000	1.34380	2031.64500
1.469	-1.873	348.35600	1223.31891	526.37901	390.82670	101.00000	2.49293	357.70000	889.49000	1.34398	2031.67999
1.470	-1.354	348.00270	1223.07867	526.25234	390.66190	100.90000	2.49281	357.33980	889.47000	1.34420	2031.71500
1.470	-0.822	348.01980	1223.89171	526.58451	390.68630	101.00000	2.49320	357.35990	889.46000	1.32956	2031.71500
1.469	-.299	348.31710	1223.42516	526.41885	390.75270	100.90000	2.49333	357.65990	889.48000	1.33354	2031.67999
1.471	.194	347.89010	1224.20657	526.70218	390.54420	100.90000	2.49425	357.23000	889.47000	1.32919	2031.64500
1.470	.675	347.99220	1223.40247	526.38264	390.64670	100.90000	2.49303	357.32980	889.46000	1.33352	2031.64500
1.470	1.158	348.02810	1224.37152	526.78077	390.59300	100.90000	2.49431	357.36990	889.50000	1.31882	2031.64500
	GRADIENT	-.00487	-1.23793	-.00909	-.00789	-.00321	.00009	-.00470	.00686	.06805	-.01091

( VCM051 ) ( 04 OCT 91 )

IA310 (AEDC 16TF-783) PROBE CALIBRATION

PARAMETRIC DATA

BETA = 1.000 PHI = 180.000

RUN NO. 1593/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	P	PT	Q(PSF)	T(R)	TT(F)	RN/L	PC	PREF	SH10+3	PATM
1.493	-6.971	337.91380	1227.79771	527.16441	386.22850	100.40000	2.50031	347.11990	896.64990	1.52016	2033.71001
1.493	-6.453	338.04150	1227.85895	527.20344	386.26590	100.40000	2.50054	347.25000	896.64990	1.52010	2033.67500
1.493	-5.951	337.98170	1227.97121	527.24129	386.23560	100.40000	2.50068	347.18990	896.65990	1.51996	2033.67500
1.493	-5.446	338.04100	1227.73157	527.15343	386.32930	100.50000	2.50005	347.25000	896.65990	1.53190	2033.64000
1.493	-4.946	337.99150	1227.70042	527.13512	386.30420	100.50000	2.50016	347.20000	896.65990	1.53975	2033.67500
1.493	-4.444	338.10840	1228.03925	527.28358	386.31840	100.50000	2.50075	347.31980	896.65990	1.53542	2033.71001
1.493	-3.931	338.05930	1228.23413	527.35471	386.30690	100.50000	2.50061	347.26980	896.64990	1.51964	2033.71001
1.492	-3.419	338.28540	1227.99660	527.28661	386.38160	100.50000	2.50085	347.50000	896.64990	1.53550	2033.67500
1.493	-2.915	337.94040	1228.23024	527.34031	386.24490	100.50000	2.50091	347.14990	896.65990	1.53516	2033.67500
1.492	-2.400	338.19780	1227.80161	527.19894	386.36990	100.50000	2.50043	347.40990	896.63990	1.53573	2033.64000
1.493	-1.881	338.03200	1227.73021	527.15112	386.34330	100.50000	2.49971	347.24000	896.64990	1.52026	2033.67500
1.493	-1.364	337.98340	1227.58498	527.08804	386.33450	100.50000	2.49952	347.18990	896.64990	1.52431	2033.67500
1.492	-.833	337.94530	1227.02724	526.86196	386.34960	100.50000	2.49895	347.14990	896.61990	1.54059	2033.67500
1.493	-.310	337.87820	1227.02065	526.85073	386.36160	100.50000	2.49823	347.07980	896.63990	1.51727	2033.64000
1.492	.179	337.70430	1226.36525	526.57045	386.36280	100.50000	2.49692	346.89990	896.61990	1.51806	2033.64000
1.492	.661	337.74460	1226.12318	526.47928	386.39820	100.50000	2.49654	346.93990	896.61990	1.51837	2033.64000
1.493	1.147	337.58790	1225.98071	526.40392	386.35840	100.50000	2.49614	346.77980	896.61990	1.51853	2033.67500
GRADIENT		-.07604	-.35355	-.14949	.01142	.00000	-.00078	-.07919	-.00709	-.00294	-.00758

RUN NO. 1609/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	P	PT	Q(PSF)	T(R)	TT(F)	RN/L	PC	PREF	SH10+3	PATM
1.516	-6.970	326.48170	1226.40645	525.11607	382.90310	101.40000	2.48483	335.48000	905.54980	1.70395	2033.92000
1.516	-6.453	326.99580	1228.01053	525.81531	382.88480	101.30000	2.48839	336.00980	905.55980	1.68896	2033.92000
1.516	-5.951	327.05910	1229.35399	526.34628	382.78560	101.30000	2.49075	336.07980	905.56980	1.68710	2033.92000
1.515	-5.447	327.02560	1227.87746	525.76788	382.90700	101.30000	2.48819	336.03980	905.58980	1.68915	2033.88499
1.515	-4.941	326.89140	1227.14005	525.46172	382.99540	101.40000	2.48619	335.89990	905.58980	1.69016	2033.88499
1.516	-4.439	327.05270	1228.35025	525.95635	382.93070	101.40000	2.48865	336.06980	905.58980	1.69703	2033.88499
1.516	-3.931	327.12130	1228.72903	526.11256	382.94850	101.40000	2.48884	336.13990	905.58980	1.67526	2033.88499
1.515	-3.424	327.53120	1229.31050	526.39930	383.04860	101.40000	2.49005	336.55980	905.57980	1.66609	2033.95500
1.515	-2.910	327.52980	1229.70055	526.55035	383.01290	101.40000	2.49072	336.55980	905.57980	1.66556	2033.88499
1.516	-2.401	327.29440	1229.87711	526.58281	382.93260	101.40000	2.49045	336.31980	905.58980	1.65271	2033.88499
1.516	-1.882	327.42090	1230.10358	526.69060	382.95020	101.40000	2.49108	336.45000	905.58980	1.65660	2033.88499
1.516	-1.361	327.54660	1230.63124	526.91332	382.95700	101.40000	2.49191	336.57980	905.57980	1.64755	2033.92000
1.516	-.834	327.54540	1230.87206	527.00672	382.92940	101.40000	2.49242	336.57980	905.56980	1.65139	2033.95500
1.516	-.309	327.76030	1231.13434	527.14062	383.05370	101.50000	2.49240	336.79980	905.58980	1.64690	2033.92000
1.516	.180	327.82740	1231.50017	527.29357	383.03830	101.50000	2.49320	336.86990	905.58980	1.65058	2033.92000
1.515	.663	328.02390	1231.36426	527.26986	383.11280	101.50000	2.49328	337.06980	905.55980	1.65497	2033.88499
1.516	1.150	327.77730	1231.63457	527.33762	382.99800	101.50000	2.49358	336.81980	905.58980	1.65875	2033.88499
GRADIENT		.15011	.66338	.27972	.01243	.01935	.00104	.15540	-.00163	-.00634	-.00225

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(VCM051) ( 04 OCT 91 )

PARAMETRIC DATA

BETA = 1.000 PHI = 180.000

RUN NO. 1624/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	P	PT	Q(P/SF)	T(R)	TT(F)	RN/L	PC	PREF	SH10+3	PATM
1.542	-6.969	317.29790	1237.72881	527.88796	378.84640	101.30000	2.48999	326.13990	907.10990	1.50078	2033.60500
1.541	-6.453	317.59180	1237.60796	527.89822	378.95610	101.30000	2.49022	326.43990	907.10990	1.50481	2033.60500
1.542	-5.950	317.23000	1237.63191	527.83907	378.83620	101.30000	2.48965	326.06980	907.11990	1.49707	2033.60500
1.542	-5.446	317.37620	1237.86694	527.95528	378.80470	101.20000	2.49071	326.22000	907.11990	1.49299	2033.57001
1.541	-4.946	317.38650	1237.57759	527.84769	378.82370	101.20000	2.49043	326.23000	907.08980	1.50098	2033.57001
1.541	-4.438	317.36720	1237.51665	527.82110	378.82230	101.20000	2.49031	326.21000	907.08980	1.50105	2033.57001
1.541	-3.931	317.59080	1238.08275	528.07785	378.86670	101.20000	2.49122	326.43990	907.08980	1.48897	2033.57001
1.541	-3.425	317.62990	1238.10793	528.09499	378.87300	101.20000	2.49141	326.48000	907.07980	1.49274	2033.57001
1.541	-2.915	317.55080	1238.30911	528.15560	378.82710	101.20000	2.49166	326.39990	907.05980	1.49248	2033.53500
1.541	-2.401	317.64770	1238.66225	528.30770	378.84030	101.20000	2.49217	326.50000	907.04980	1.48448	2033.57001
1.542	-1.886	317.56910	1238.63121	528.28065	378.80490	101.20000	2.49222	326.41990	907.04980	1.49209	2033.53500
1.541	-1.364	317.80400	1238.72421	528.36071	378.88500	101.20000	2.49255	326.65990	907.04980	1.48822	2033.53500
1.541	-.837	317.71530	1238.77856	528.36372	378.83840	101.20000	2.49274	326.56980	907.01980	1.49574	2033.53500
1.541	-.309	317.78320	1238.97264	528.45016	378.85030	101.20000	2.49304	326.63990	907.00000	1.49171	2033.53500
1.542	.179	317.78200	1239.43709	528.62550	378.81880	101.20000	2.49363	326.63990	907.00000	1.48355	2033.57001
1.541	.660	318.03540	1239.80370	528.81268	378.87570	101.20000	2.49454	326.89990	906.98000	1.48315	2033.57001
1.541	1.149	318.02560	1239.84058	528.82479	378.94170	101.30000	2.49389	326.88990	906.97000	1.47932	2033.53500
GRADIENT		.09532	.36518	.15611	.00832	.00637	.00063	.09857	-.02091	-.00250	-.00378



IA310 (AEDC 16TF-783) PROBE CALIBRATION

(VCM052) ( 04 OCT 91 )

PARAMETRIC DATA

BETA = 1.500 PHI = 180.000

RUN NO. 1578/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	P	PT	Q(PSF)	T(R)	TT(F)	RN/L	PC	PREF	SH10+3	PATM
.599	-6.941	1253.04800	1596.99001	314.69360	521.91970	99.70000	2.49762	1262.78999	1306.11000	1.00141	2034.65500
.600	-6.433	1252.26100	1596.72000	315.11210	521.94430	99.80000	2.49834	1262.00999	1306.14000	1.00158	2034.62000
.600	-5.926	1252.39101	1596.84000	315.10690	522.04200	99.89999	2.49786	1262.14000	1306.14999	1.00414	2034.62000
.600	-5.420	1252.07100	1597.06000	315.55370	521.98340	99.89999	2.49967	1261.83000	1306.17000	1.00136	2034.62000
.600	-4.907	1252.29300	1597.14000	315.43900	521.90890	99.80000	2.49989	1262.05000	1306.17999	1.00131	2034.62000
.600	-4.404	1251.89000	1597.03000	315.67770	521.96440	99.89999	2.50009	1261.64999	1306.19000	1.00666	2034.58501
.600	-3.889	1251.98000	1597.06000	315.62840	521.97240	99.89999	2.49994	1261.74001	1306.17999	1.00136	2034.58501
.601	-3.379	1251.39600	1596.82001	315.90600	521.92530	99.89999	2.50074	1261.16000	1306.20000	.99888	2034.58501
.600	-2.863	1251.85800	1597.06000	315.72850	522.05130	100.00000	2.49973	1261.62000	1306.20000	.97535	2034.55000
.601	-2.344	1251.21001	1596.97000	316.18460	521.79590	99.80000	2.50245	1260.98000	1306.19000	.97028	2034.55000
.600	-1.823	1251.99500	1597.35001	315.86040	522.04050	100.00000	2.50045	1261.75999	1306.24001	.97005	2034.55000
.600	-1.298	1251.44800	1596.77000	315.82150	521.84280	99.80000	2.50096	1261.21001	1306.24001	.97005	2034.55000
.601	-.771	1251.39200	1596.98000	316.04320	522.00320	100.00000	2.50080	1261.16000	1306.25999	.97284	2034.44501
.601	-.250	1251.43201	1597.03000	316.05270	522.00320	100.00000	2.50088	1261.20000	1306.28000	.97025	2034.48000
.600	.243	1252.22099	1597.19000	315.54030	521.98900	99.89999	2.49973	1261.98000	1306.28000	.96759	2034.51500
.600	.735	1251.66499	1597.08000	315.90430	522.11960	100.10000	2.49982	1261.42999	1306.30000	.96766	2034.51500
.601	1.213	1251.43201	1597.00000	316.02710	522.00610	100.00000	2.50076	1261.20000	1306.30000	.96516	2034.55000
GRADIENT		-.06318	.00214	.05359	.01715	.02667	.00004	-.06209	.02222	-.00683	-.01776

RUN NO. 1468/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	P	PT	Q(PSF)	T(R)	TT(F)	RN/L	PC	PREF	SH10+3	PATM
.800	-6.959	880.14890	1341.28000	394.03560	496.82060	100.70000	2.49490	890.04980	1057.94000	1.75402	2038.29500
.800	-6.448	879.81640	1341.24001	394.23190	496.85990	100.80000	2.49480	889.72000	1057.98000	1.81771	2038.29500
.800	-5.946	879.86060	1341.00999	394.03200	496.80270	100.70000	2.49460	889.76000	1058.00999	1.81341	2038.29500
.800	-5.437	879.40480	1341.08000	394.39330	496.81030	100.80000	2.49505	889.30980	1058.03999	1.80412	2038.29500
.800	-4.933	879.72750	1341.11000	394.19630	496.85940	100.80000	2.49457	889.62990	1058.08000	1.79036	2038.29500
.800	-4.430	879.71920	1341.02000	394.13550	496.86740	100.80000	2.49431	889.61990	1058.10001	1.78593	2038.33000
.800	-3.921	879.74020	1340.95000	394.06930	496.87820	100.80000	2.49406	889.63990	1058.14000	1.76342	2038.33000
.800	-3.413	879.44530	1341.07001	394.35860	496.81790	100.80000	2.49495	889.34990	1058.17000	1.77227	2038.36501
.800	-2.904	879.54930	1340.89999	394.16240	496.85280	100.80000	2.49425	889.45000	1058.21001	1.80436	2038.36501
.800	-2.388	879.57960	1340.87000	394.11910	496.86080	100.80000	2.49410	889.48000	1058.22000	1.73233	2038.33000
.800	-1.878	879.73050	1340.92000	394.05350	496.79130	100.70000	2.49456	889.62990	1058.30000	1.77285	2038.33000
.800	-1.353	879.90160	1340.96001	393.96680	496.81470	100.70000	2.49437	889.79980	1058.30000	1.73664	2038.33000
.800	-.837	879.61770	1341.05000	394.22660	496.58200	100.50000	2.49630	889.51980	1058.32001	1.73652	2038.36501
.800	-.326	879.65670	1341.11000	394.24410	496.49320	100.40000	2.49698	889.55980	1058.35001	1.72761	2038.36501
.800	.164	879.90210	1340.92000	393.93680	496.37520	100.20000	2.49712	889.75980	1058.36000	1.71030	2038.36501
.800	.663	879.36380	1341.10001	394.43580	496.18120	100.10000	2.49919	889.26980	1058.39000	1.68835	2038.39999
.800	1.151	879.97170	1341.00999	393.95650	496.28860	100.10000	2.49784	889.86990	1058.41000	1.67556	2038.36501
GRADIENT		.01538	.00209	-.00895	-.11233	-.12925	.00072	.01525	.05554	-.01782	.00981

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(VCM052) ( 04 OCT 91 )

PARAMETRIC DATA

BETA = 1.500 PHI = 180.000

RUN NO. 1502/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	P	PT	Q(PSF)	T(R)	TT(F)	RN/L	PC	PREF	SH10+3	PATM
.900	-6.954	752.94120	1273.14000	426.70310	481.50540	99.80000	2.50022	762.95000	982.25000	4.11391	2036.61501
.900	-6.441	752.82300	1272.95000	426.64310	481.50420	99.80000	2.49985	762.82980	982.27980	4.08510	2036.64999
.900	-5.938	752.66410	1272.78000	426.62080	481.66580	100.00000	2.49844	762.66990	982.30980	4.03702	2036.64999
.901	-5.429	752.38480	1273.28000	427.13040	481.38840	99.80000	2.50133	762.39990	982.32980	3.97780	2036.64999
.900	-4.924	752.62920	1273.10001	426.86130	481.71070	100.10000	2.49878	762.63990	982.33980	3.96884	2036.64999
.900	-4.420	752.45700	1273.17999	427.01860	481.75660	100.20000	2.49865	762.47000	982.37990	4.12363	2036.64999
.900	-3.913	752.45970	1272.98000	426.87990	481.60670	100.00000	2.49925	762.47000	982.36990	4.09479	2036.64999
.900	-3.403	752.56130	1272.92000	426.77810	481.63180	100.00000	2.49896	762.56980	982.40990	4.08520	2036.68500
.900	-2.892	752.80000	1273.14999	426.79420	481.73660	100.10000	2.49870	762.80980	982.43990	4.05522	2036.68500
.900	-2.379	752.82470	1272.82001	426.55250	481.77660	100.10000	2.49776	762.82980	982.43990	4.02724	2036.68500
.898	-1.862	753.92580	1272.63000	425.76590	482.08470	100.20000	2.49522	763.91990	982.47000	3.97985	2036.68500
.900	-1.343	753.53520	1273.89000	426.86500	481.96310	100.30000	2.49861	763.54980	982.53980	3.91904	2036.68500
.900	-.825	752.23190	1272.67999	426.80910	481.85570	100.30000	2.49700	762.24000	982.52980	3.91338	2036.68500
.900	-.313	752.70140	1272.99001	426.74270	481.99390	100.40000	2.49666	762.71000	982.55980	3.91243	2036.64999
.900	.180	752.68120	1272.99001	426.75490	481.99020	100.40000	2.49668	762.68990	982.55980	3.90304	2036.64999
.900	.676	752.76270	1272.94000	426.67210	482.09670	100.50000	2.49587	762.76980	982.59990	3.92199	2036.68500
.900	1.160	752.69090	1273.02000	426.76980	482.07500	100.50000	2.49618	762.70000	982.59990	3.94062	2036.68500
GRADIENT		.03010	-.01398	-.02750	.07472	.07868	-.00053	.02967	.04473	-.03088	.00296

RUN NO. 1509/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	P	PT	Q(PSF)	T(R)	TT(F)	RN/L	PC	PREF	SH10+3	PATM
1.100	-6.984	565.13280	1205.89999	478.23930	450.61790	99.89999	2.49937	575.31980	911.59990	1.56020	2036.12500
1.100	-6.474	564.89140	1205.96001	478.36960	450.63700	100.00000	2.49904	575.07980	911.60990	1.55608	2036.12500
1.100	-5.973	564.90280	1205.84000	478.29540	450.65230	100.00000	2.49876	575.08980	911.61990	1.55220	2036.12500
1.100	-5.473	564.69090	1205.96001	478.44870	450.59130	100.00000	2.49914	574.87990	911.62990	1.55205	2036.12500
1.100	-4.973	564.69970	1206.06000	478.50340	450.42160	99.80000	2.50053	574.88990	911.64990	1.55192	2036.12500
1.100	-4.472	564.85160	1205.92000	478.36210	450.47120	99.80000	2.50014	575.03980	911.65990	1.55613	2036.09000
1.100	-3.964	565.01050	1206.09000	478.39820	450.48930	99.80000	2.50045	575.20000	911.65990	1.55188	2036.12500
1.100	3.465	564.71190	1205.87000	478.38820	450.44480	99.80000	2.50009	574.89990	911.65990	1.54814	2036.09000
1.100	2.962	564.94240	1205.87000	478.29710	450.65820	100.00000	2.49881	575.12990	911.67990	1.54011	2036.09000
1.100	-2.462	564.73930	1206.12000	478.52290	450.42430	99.80000	2.50065	574.92990	911.67990	1.54380	2036.09000
1.100	-1.957	564.97170	1205.95000	478.33230	450.49540	99.80000	2.50015	575.15990	911.68990	1.54803	2036.09000
1.100	-1.446	564.78980	1206.08000	478.47970	450.43990	99.80000	2.50053	574.98000	911.70000	1.54385	2036.09000
1.100	-.949	565.03100	1206.03000	478.35550	450.50020	99.80000	2.50030	575.22000	911.70000	1.53991	2036.09000
1.100	-.448	565.11300	1205.87000	478.22970	450.61670	99.89999	2.49931	575.29980	911.70000	1.54412	2036.09000
1.100	.039	564.94090	1206.03000	478.39110	450.56030	99.89999	2.49976	575.12990	911.70000	1.54392	2036.05499
1.100	.545	564.79860	1206.17999	478.53420	450.51200	99.89999	2.50017	574.99000	911.68990	1.53572	2036.05499
1.100	1.051	564.88430	1205.71001	478.22710	450.50100	99.80000	2.49964	575.06980	911.71000	1.52835	2036.05499
GRADIENT		.02189	-.00834	-.01347	.01291	.00874	-.00008	.02173	.00865	-.00315	-.00960

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(VCM052) ( 04 OCT 91 )

PARAMETRIC DATA

BETA = 1.500 PHI = 180.000

RUN NO. 1525/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	P	PT	Q(PSF)	T(R)	TT(F)	RN/L	PC	PREF	SH10+3	PATM
1.250	-6.965	462.88920	1198.39999	505.97310	426.78250	100.40000	2.49859	473.01980	864.37990	1.22705	2035.70500
1.250	-6.447	462.69260	1198.02000	505.82370	426.76930	100.40000	2.49779	472.81980	864.36990	1.21450	2035.67000
1.250	-5.947	462.36720	1197.44000	505.60080	426.74270	100.40000	2.49657	472.49000	864.36990	1.22155	2035.70500
1.250	-5.444	462.51810	1197.27000	505.48170	426.79980	100.40000	2.49624	472.63990	864.36990	1.20883	2035.70500
1.250	-4.945	462.79000	1198.34000	505.96440	426.76250	100.40000	2.49845	472.91990	864.36990	1.19818	2035.70500
1.250	-4.439	462.82060	1198.23000	505.90210	426.78170	100.40000	2.49823	472.95000	864.35990	1.20147	2035.70500
1.250	-3.929	462.66480	1197.67000	505.65230	426.79790	100.40000	2.49707	472.78980	864.36990	1.19885	2035.70500
1.250	-3.424	462.45460	1197.83000	505.77950	426.72610	100.40000	2.49737	472.57980	864.36990	1.20507	2035.70500
1.250	-2.913	462.57250	1198.06000	505.87010	426.73360	100.40000	2.49786	472.70000	864.35990	1.20483	2035.67000
1.250	-2.406	462.71340	1197.87000	505.74290	426.79000	100.40000	2.49749	472.83980	864.35990	1.20823	2035.67000
1.250	-1.892	462.70170	1198.12000	505.87230	426.76170	100.40000	2.49799	472.82980	864.34990	1.21440	2035.67000
1.250	-1.379	462.43240	1198.14000	505.94140	426.68850	100.40000	2.49800	472.55980	864.35990	1.21438	2035.67000
1.250	-.865	462.66500	1197.66000	505.64720	426.79880	100.40000	2.49705	472.78980	864.34990	1.21486	2035.67000
1.250	-.352	462.69090	1198.23000	505.93040	426.74760	100.40000	2.49822	472.81980	864.34990	1.22074	2035.67000
1.250	.132	462.60180	1198.14000	505.90430	426.73320	100.40000	2.49802	472.73000	864.33980	1.22083	2035.70500
1.250	.632	462.67140	1198.14999	505.89400	426.75050	100.40000	2.49805	472.79980	864.33980	1.22082	2035.67000
1.250	1.123	462.50100	1198.32001	506.01760	426.68850	100.40000	2.49838	472.62990	864.35990	1.21742	2035.70500
	GRADIENT	-.02292	.02179	.01604	-.00826	-.00000	.00004	-.02283	-.00393	.00405	-.00308

RUN NO. 1541/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	P	PT	Q(PSF)	T(R)	TT(F)	RN/L	PC	PREF	SH10+3	PATM
1.399	-6.974	382.03250	1214.87000	523.77150	402.21510	100.10000	2.49807	391.74000	878.80980	1.16626	2035.14500
1.400	-6.450	382.01200	1214.99001	523.82450	402.05370	99.89999	2.49946	391.72000	878.82980	1.17235	2035.11000
1.400	-5.950	381.90090	1215.38000	523.99760	402.12720	100.10000	2.49891	391.60990	878.81980	1.17822	2035.11000
1.400	-5.448	381.90430	1214.80000	523.74340	402.11130	100.10000	2.49845	391.60990	878.80980	1.17878	2035.11000
1.400	-4.948	381.82640	1214.59000	523.65330	402.10770	100.00000	2.49800	391.52980	878.81980	1.17898	2035.11000
1.400	-4.438	382.02030	1215.25000	523.93800	402.10350	100.00000	2.49935	391.73000	878.79980	1.17834	2035.14500
1.400	-3.932	381.75610	1214.78000	523.73780	401.99660	99.89999	2.49889	391.46000	878.79980	1.17567	2035.14500
1.401	-3.429	381.62430	1215.34000	523.98540	401.90410	99.89999	2.49982	391.32980	878.77980	1.17513	2035.11000
1.400	-2.924	381.91280	1215.00999	523.83520	402.02200	99.89999	2.49943	391.61990	878.77980	1.19115	2035.11000
1.400	-2.409	381.78520	1214.89999	523.78980	402.20950	100.20000	2.49735	391.49000	878.76980	1.17556	2035.11000
1.400	-1.901	381.72460	1215.05000	523.85640	402.03370	100.00000	2.49877	391.42990	878.73000	1.17541	2035.11000
1.400	-1.394	381.80640	1214.61000	523.66240	402.09990	100.00000	2.49803	391.50980	878.73000	1.17584	2035.11000
1.400	-.878	381.67410	1215.28000	523.95830	401.99660	100.00000	2.49915	391.37990	878.73000	1.17519	2035.11000
1.400	-.371	381.93260	1215.00999	523.83500	402.09990	100.00000	2.49885	391.63990	878.72000	1.19115	2035.11000
1.400	.116	381.88230	1215.17000	523.90580	401.99780	99.89999	2.49970	391.58980	878.68990	1.19099	2035.11000
1.400	.618	381.89210	1215.16000	523.90110	402.07350	100.00000	2.49909	391.59990	878.66990	1.20051	2035.11000
1.400	1.114	381.85520	1214.74001	523.71830	402.10230	100.00000	2.49830	391.55980	878.66990	1.20412	2035.11000
	GRADIENT	.00543	.01389	.00595	.00271	.00330	.00001	.00558	-.02506	.00367	-.00344

(VCM052) ( 04 OCT 91 )

IA310 (AEDC 16TF-783) PROBE CALIBRATION

PARAMETRIC DATA

BETA = 1.500 PHI = 180.000

RUN NO. 1559/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	P	PT	Q(PSF)	T(R)	TT(F)	RN/L	PC	PREF	SH10+3	PATM
1.450	-6.946	358.78340	1226.39999	528.33910	393.99930	100.10000	2.49921	368.25980	893.01980	1.40771	2035.39000
1.450	-6.426	359.07150	1225.96001	528.17090	394.12990	100.10000	2.49871	368.54980	893.02980	1.40087	2035.42500
1.450	-5.924	358.84230	1226.45000	528.36300	394.01320	100.10000	2.49935	368.31980	893.03980	1.41134	2035.42500
1.450	-5.415	358.89430	1225.96001	528.16190	394.14480	100.20000	2.49795	368.36990	893.01000	1.41190	2035.46001
1.450	-4.912	358.91410	1225.91000	528.14210	394.08520	100.10000	2.49847	368.38990	893.02980	1.40460	2035.42500
1.450	-4.399	358.98170	1226.19000	528.26200	394.15110	100.20000	2.49843	368.46000	893.01980	1.40795	2035.42500
1.450	-3.889	358.70780	1225.81000	528.09010	394.02950	100.10000	2.49810	368.17990	893.01980	1.40839	2035.42500
1.450	-3.380	358.92410	1225.91000	528.14260	394.15870	100.20000	2.49788	368.39990	893.01980	1.41196	2035.42500
1.449	-2.864	359.43510	1226.20000	528.28910	394.22190	100.10000	2.49947	368.91990	893.01980	1.44142	2035.42500
1.450	-2.351	358.93510	1225.70000	528.05590	394.18140	100.20000	2.49753	368.40990	893.00000	1.41590	2035.39000
1.450	-1.828	359.08840	1226.50000	528.39620	394.15600	100.20000	2.49908	368.56980	892.90000	1.44107	2035.39000
1.450	-1.305	358.94580	1225.53000	527.98580	394.20040	100.20000	2.49724	368.41990	893.00000	1.43845	2035.35500
1.449	-.778	359.26860	1226.03000	528.21000	394.25560	100.20000	2.49842	368.75000	893.00000	1.41922	2035.39000
1.450	-.261	358.95310	1226.02000	528.18990	394.15770	100.20000	2.49811	368.42990	892.98000	1.41553	2035.35500
1.450	.230	358.82620	1225.78000	528.08370	394.13990	100.20000	2.49756	368.29980	892.97000	1.43441	2035.39000
1.450	.724	358.94410	1225.85001	528.11870	394.17040	100.20000	2.49780	368.41990	892.98000	1.43808	2035.35500
1.450	1.200	358.97090	1226.38000	528.34060	394.13010	100.20000	2.49876	368.45000	892.97000	1.44121	2035.32001
GRADIENT		.00430	.00837	.00372	.00964	.01289	-.00006	.00440	-.00960	.00495	-.01537

RUN NO. 1644/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	P	PT	Q(PSF)	T(R)	TT(F)	RN/L	PC	PREF	SH10+3	PATM
1.470	-6.949	348.33520	1223.98352	526.64809	390.80100	101.00000	2.49327	357.67990	889.47000	1.31929	2031.67999
1.471	-6.430	347.81320	1224.03030	526.62442	390.62260	101.00000	2.49293	357.14990	889.47000	1.31916	2031.64500
1.471	-5.929	347.81400	1224.09732	526.65273	390.56490	100.90000	2.49330	357.14990	889.49000	1.30894	2031.61000
1.470	-5.425	348.00240	1223.68173	526.49881	390.65430	100.90000	2.49295	357.33980	889.49000	1.31618	2031.57500
1.470	-4.917	348.03780	1224.27185	526.74047	390.59330	100.90000	2.49437	357.37990	889.51000	1.32573	2031.61000
1.470	-4.411	348.08940	1223.80031	526.55369	390.65430	100.90000	2.49358	357.42990	889.50000	1.32626	2031.57500
1.470	-3.902	347.86450	1223.58856	526.44888	390.61110	100.90000	2.49279	357.20000	889.50000	1.31966	2031.57500
1.470	-3.393	348.27440	1224.30038	526.77203	390.74510	101.00000	2.49370	357.61990	889.51000	1.32233	2031.53999
1.471	-2.874	347.74630	1223.62137	526.45297	390.56860	100.90000	2.49261	357.13990	889.50000	1.33328	2031.53999
1.470	-2.359	347.80420	1223.87639	526.44501	390.51930	100.90000	2.49340	357.03980	889.51980	1.32612	2031.50500
1.470	-1.842	347.70510	1223.87639	526.55313	390.51930	100.90000	2.49340	357.03980	889.51980	1.32665	2031.50500
1.470	-1.320	347.85500	1223.41780	526.37881	390.61160	100.90000	2.49271	357.18990	889.50000	1.32609	2031.47000
1.470	-.798	347.94120	1223.93687	526.59703	390.66190	101.00000	2.49310	357.27980	889.50000	1.32589	2031.47000
1.470	-.282	348.20610	1224.14757	526.70479	390.66090	100.90000	2.49429	357.54980	889.49000	1.32301	2031.47000
1.470	.210	347.86430	1223.63077	526.46631	390.67070	101.00000	2.49238	357.20000	889.50000	1.32299	2031.47000
1.470	.705	347.96240	1223.66335	526.48740	390.70040	101.00000	2.49252	357.29980	889.49000	1.32299	2031.47000
1.471	1.187	347.81200	1224.27408	526.72322	390.59960	101.00000	2.49336	357.14990	889.47000	1.31889	2031.43500
GRADIENT		-.01870	-.00573	-.00381	.00447	.01389	-.00012	-.01909	-.00374	-.00028	-.02560

## IA310 (AEDC 16TF-783) PROBE CALIBRATION

(VCM052) ( 04 OCT 91 )

## PARAMETRIC DATA

BETA = 1.500 PHI = 180.000  
 RUN NO. 1594/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	P	PT	Q(PSF)	T(R)	TT(F)	RN/L	PC	PREF	SH10+3	PATM
1.493	-6.952	337.11330	1224.65791	525.82302	386.27250	100.40000	2.49355	346.28980	896.60990	1.50473	2033.60500
1.493	-6.438	336.95020	1223.90958	525.50680	386.22750	100.30000	2.49248	346.11990	896.60990	1.49799	2033.64000
1.493	-5.932	337.37350	1225.70979	526.27161	386.11520	100.20000	2.49704	346.55980	896.58980	1.51113	2033.64000
1.493	-5.429	338.20430	1228.88243	527.62891	386.10110	100.20000	2.50346	347.41990	896.58980	1.51113	2033.64000
1.493	-4.921	338.04830	1228.91747	527.62437	386.07320	100.20000	2.50284	347.25980	896.61990	1.49195	2033.64000
1.493	-4.416	338.00290	1227.72050	527.14417	386.13310	100.20000	2.50135	347.21000	896.59990	1.51641	2033.64000
1.493	-3.907	337.70970	1227.70573	527.10414	386.06930	100.20000	2.50040	346.90990	896.59990	1.49340	2033.64000
1.493	-3.399	337.77100	1226.84329	526.76833	386.13480	100.20000	2.49961	346.97000	896.58980	1.51748	2033.67500
1.493	-2.886	337.73290	1226.52525	526.63695	386.15090	100.20000	2.49902	346.92990	896.58980	1.51787	2033.64000
1.493	-2.367	337.49880	1226.19820	526.48068	386.10180	100.20000	2.49822	346.68990	896.57980	1.51825	2033.67500
1.493	-1.856	337.38450	1225.81124	526.14279	386.13750	100.20000	2.49669	346.56980	896.56980	1.51926	2033.64000
1.493	-1.331	337.35550	1225.20171	526.06735	386.14400	100.20000	2.49635	346.53980	896.54980	1.51948	2033.64000
1.493	-.811	337.09250	1224.67538	525.82850	386.10350	100.20000	2.49518	346.26980	896.55980	1.52011	2033.64000
1.492	-.298	337.19290	1224.20029	525.65144	386.17480	100.20000	2.49457	346.36990	896.54980	1.52459	2033.64000
1.492	-.194	337.16330	1224.24956	525.66689	386.16600	100.20000	2.49451	346.33980	896.53980	1.52065	2033.64000
1.493	.691	337.41110	1226.08681	526.42593	386.09370	100.20000	2.49773	346.59990	896.55980	1.51067	2033.64000
1.493	1.173	337.51950	1226.05797	526.42696	386.13260	100.20000	2.49779	346.71000	896.52980	1.51072	2033.64000
GRADIENT		-.12402	-.55955	-.23673	.00661	-.00000	-.00104	-.12861	-.01284	.00238	-.00154

RUN NO. 1610/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	P	PT	Q(PSF)	T(R)	TT(F)	RN/L	PC	PREF	SH10+3	PATM
1.516	-6.957	326.60840	1226.98163	525.35748	382.99710	101.50000	2.48471	335.60990	905.53980	1.67760	2033.88499
1.516	-6.438	327.19730	1229.31955	526.35329	382.98410	101.50000	2.48943	336.22000	905.54980	1.67868	2033.88499
1.516	-5.933	327.80810	1231.41982	527.25928	383.03910	101.50000	2.49304	336.84990	905.54980	1.65069	2033.88499
1.516	-5.429	327.30320	1230.24426	526.72613	383.05000	101.60000	2.48969	336.32980	905.54980	1.64388	2033.88499
1.516	-4.921	326.67550	1227.82265	525.69242	382.98880	101.50000	2.48538	335.67990	905.56980	1.64291	2033.88499
1.516	-4.415	327.19190	1228.71259	526.11479	383.08630	101.50000	2.48745	336.21000	905.55980	1.64179	2033.88499
1.517	-3.908	327.40750	1231.36507	527.17677	382.93310	101.50000	2.49200	336.43990	905.55980	1.62997	2033.85001
1.517	-3.400	327.10860	1230.09348	526.63842	382.95000	101.50000	2.48941	336.12990	905.56980	1.62751	2033.85001
1.516	-2.882	327.04300	1229.38594	526.35313	382.99660	101.50000	2.48803	336.05980	905.57980	1.62433	2033.85001
1.516	-2.372	326.96610	1228.98677	526.18674	383.00610	101.50000	2.48726	335.98000	905.55980	1.62486	2033.81500
1.516	-1.852	326.90940	1228.56262	526.01357	383.09840	101.60000	2.48578	335.91990	905.54980	1.62131	2033.81500
1.516	-1.332	326.88920	1228.64603	526.04368	383.07840	101.60000	2.48600	335.89990	905.54980	1.62530	2033.81500
1.516	-.811	326.93820	1228.70256	526.07239	383.02730	101.50000	2.48664	335.95000	905.55980	1.62112	2033.78000
1.516	-.296	326.80100	1228.59663	526.01041	383.05250	101.60000	2.48583	335.80980	905.54980	1.62535	2033.81500
1.516	.195	327.01490	1229.07054	526.22751	383.01540	101.50000	2.48746	336.02980	905.54980	1.62475	2033.81500
1.516	.689	327.27660	1229.89313	526.58505	383.10520	101.60000	2.48844	336.29980	905.54980	1.61959	2033.81500
1.516	1.173	327.39260	1230.32607	526.77139	383.10620	101.60000	2.48930	336.41990	905.54980	1.61903	2033.78000
GRADIENT		.02027	.05727	.02522	.01682	.01613	-.00005	.02070	-.00347	-.00309	-.01471



## IA310 (AEDC 16TF-783) PROBE CALIBRATION

(VCM053) ( 04 OCT 91 )

## PARAMETRIC DATA

BETA = 2.000 PHI = 180.000

RUN NO. 1579/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	P	PT	Q(PSF)	T(R)	TT(F)	RN/L	PC	PREF	SH10+3	PATM
.600	-6.923	1252.33800	1596.98000	315.26860	522.20900	100.10000	2.49742	1262.09000	1306.32001	.97284	2034.62000
.599	-6.410	1252.72400	1596.95000	314.92600	522.35130	100.20000	2.49558	1262.47000	1306.34000	.97029	2034.58501
.599	-5.903	1252.41200	1596.82001	315.07300	522.32620	100.20000	2.49601	1262.16000	1306.36000	.97037	2034.58501
.599	-5.396	1252.77299	1597.03999	314.96170	522.44190	100.30000	2.49522	1262.52000	1306.36000	.99351	2034.58501
.600	-4.888	1252.30901	1596.89999	315.22510	522.39970	100.30000	2.49606	1262.06000	1306.37000	.99621	2034.55000
.600	-4.378	1252.23500	1597.00999	315.37790	522.47390	100.40000	2.49614	1261.99000	1306.39000	.99614	2034.58501
.600	-3.864	1252.10600	1597.32001	315.74320	522.42970	100.40000	2.49773	1261.87000	1306.39999	.99857	2034.58501
.600	-3.356	1252.18401	1597.03000	315.43630	522.46610	100.40000	2.49637	1261.94000	1306.41000	.99613	2034.58501
.600	-2.837	1251.57700	1596.39000	315.39600	522.45340	100.40000	2.49568	1261.33000	1306.41000	.99653	2034.58501
.600	-2.315	1251.76801	1596.99001	315.74370	522.32690	100.30000	2.49802	1261.53000	1306.41000	.99616	2034.55000
.600	-1.797	1251.97701	1597.23000	315.77440	522.32930	100.30000	2.49833	1261.74001	1306.44000	.99601	2034.62000
.600	-1.273	1251.92400	1597.32001	315.89330	522.40800	100.40000	2.49827	1261.69000	1306.45000	.98552	2034.62000
.600	-.756	1251.82500	1596.69000	315.44510	522.36180	100.30000	2.49668	1261.58000	1306.46001	.98851	2034.62000
.600	-.239	1252.41600	1597.63000	315.75100	522.43750	100.40000	2.49802	1261.67999	1306.46001	1.00100	2034.62000
.600	.251	1251.92300	1596.89000	315.53320	522.35470	100.30000	2.49717	1261.67999	1306.48000	.99884	2034.58501
.600	.753	1252.03600	1597.28999	315.77590	522.33080	100.30000	2.49839	1261.80000	1306.49001	.99859	2034.58501
.600	1.235	1251.77499	1596.64999	315.45210	522.35960	100.30000	2.49667	1261.53000	1306.50000	.99899	2034.58501
GRADIENT		-.03816	.01034	.04001	-.01547	-.01068	.00021	-.03737	.02023	.00018	.00494

RUN NO. 1470/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	P	PT	Q(PSF)	T(R)	TT(F)	RN/L	PC	PREF	SH10+3	PATM
.800	-6.946	880.05080	1341.10001	393.96900	496.20340	100.00000	2.49855	889.95000	1045.98000	1.70570	2038.43500
.800	-6.433	880.17940	1341.25999	394.00000	496.02380	99.80000	2.49935	890.07980	1046.03000	1.69247	2038.43500
.800	-5.930	879.88130	1340.95000	393.97310	496.01440	99.80000	2.49954	889.77980	1046.10001	1.68423	2038.43500
.800	-5.424	879.64620	1341.16000	394.28860	496.22050	100.10000	2.49887	889.54980	1046.16000	1.68397	2038.39999
.800	-4.919	879.55740	1340.99001	394.22290	496.13550	100.00000	2.49909	889.46000	1046.17999	1.68418	2038.43500
.800	-4.411	879.98560	1340.75999	393.76170	496.22880	100.00000	2.49763	889.87990	1046.24001	1.68017	2038.43500
.800	-3.907	879.63650	1341.13000	394.27320	496.13330	100.00000	2.49937	889.53980	1046.28999	1.69264	2038.39999
.800	-3.391	879.73190	1340.85001	394.00120	496.17820	100.00000	2.49836	889.62990	1046.31000	1.69299	2038.43500
.800	-2.882	879.69800	1341.06000	394.17920	496.15060	100.00000	2.49905	889.59990	1046.38000	1.69706	2038.43500
.800	-2.369	879.40410	1341.13000	394.43120	496.09590	100.00000	2.49979	889.30980	1046.41000	1.70567	2038.43500
.800	-1.855	879.46610	1341.03999	394.32230	496.11550	100.00000	2.49840	889.36990	1046.44000	1.71014	2038.43500
.800	-1.340	879.83910	1341.08000	394.09810	496.17140	100.00000	2.49886	889.74000	1046.49001	1.70138	2038.43500
.800	-.826	879.45830	1340.89999	394.22410	496.12890	100.00000	2.49900	889.35990	1046.52000	1.69293	2038.39999
.800	-.319	879.74880	1341.03000	394.12260	496.16190	100.00000	2.49887	889.64990	1046.55000	1.67126	2038.39999
.800	.174	879.58840	1340.97000	394.18750	496.14260	100.00000	2.49898	889.49000	1046.57001	1.64164	2038.43500
.800	.677	879.88870	1341.14000	394.10910	496.17290	100.00000	2.49896	889.78980	1046.62000	1.62469	2038.43500
.800	1.167	879.93330	1340.86000	393.87130	496.29830	100.10000	2.49746	889.82980	1046.64999	1.62086	2038.39999
GRADIENT		.01687	.00705	-.00622	.00765	.00642	-.00005	.01680	.07459	-.01009	-.00269

(VCM053) ( 04 OCT 91 )

PARAMETRIC DATA

BETA = 2.000 PHI = 180.000

RUN NO. 1503/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	P	PT	Q(PSSF)	T(R)	TT(F)	RN/L	PC	PREF	SH10+3	PATM
.899	-6.941	754.40550	1275.08000	427.16480	482.33760	100.70000	2.49842	764.42990	982.72000	4.05875	2036.68500
.900	-6.424	753.11470	1273.71001	426.99170	482.24980	100.70000	2.49636	763.12990	982.73000	4.11206	2036.68500
.900	-5.920	752.69820	1272.49001	426.40110	482.21970	100.60000	2.49415	762.70000	982.72000	3.87653	2036.68500
.900	-5.411	752.16770	1272.25000	426.55220	482.06250	100.50000	2.49476	762.16990	982.70000	3.95249	2036.64999
.900	-4.911	752.28340	1272.61000	426.73050	481.95870	100.40000	2.49617	762.28980	982.74000	4.03757	2036.68500
.900	-4.400	752.46240	1272.78000	426.74070	481.88700	100.30000	2.49697	762.47000	982.75980	4.28557	2036.68500
.900	-3.890	752.76270	1272.92999	426.66500	481.83960	100.20000	2.49757	762.76980	982.75000	4.34676	2036.68500
.900	-3.382	752.93070	1273.17999	426.73710	481.75710	100.10000	2.49861	762.93990	982.77980	4.38747	2036.68500
.900	-2.874	752.85940	1273.23000	426.81370	481.65280	100.00000	2.49941	762.86990	982.80980	4.42923	2036.68500
.900	-2.354	752.90870	1273.30000	426.83250	481.65430	100.00000	2.49954	762.91990	982.80980	4.43953	2036.68500
.900	-1.843	752.78980	1273.14999	426.80030	481.56250	99.89999	2.49986	762.79980	982.82980	4.46120	2036.68500
.900	-1.326	752.81230	1272.99001	426.67680	481.58400	99.89999	2.49929	762.81980	982.82980	4.47238	2036.72000
.900	-.811	752.85300	1272.97000	426.63890	481.59350	99.89999	2.49929	762.85990	982.85990	4.49374	2036.72000
.900	-.303	752.69040	1273.03999	426.78340	481.47020	99.80000	2.50027	762.70000	982.83980	4.50418	2036.68500
.900	.189	753.02830	1273.39000	426.82320	481.40800	99.70000	2.50136	763.03980	982.90990	4.58919	2036.72000
.900	.691	753.05980	1273.30000	426.74240	481.42360	99.70000	2.50107	763.06980	982.92990	4.61132	2036.72000
.900	1.181	753.00760	1273.42000	426.85600	481.40110	99.70000	2.50147	763.01980	982.93990	4.63278	2036.68500
GRADIENT		.08149	.08658	.01099	-.09104	-.11221	.00078	.08206	.03220	.07206	.00453

RUN NO. 1510/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	P	PT	Q(PSSF)	T(R)	TT(F)	RN/L	PC	PREF	SH10+3	PATM
1.099	-6.983	565.32250	1205.96001	478.19920	450.49370	99.70000	2.50059	575.51000	911.74000	1.49655	2036.05499
1.100	-6.469	564.97090	1206.02000	478.37300	450.40720	99.70000	2.50089	575.15990	911.73000	1.49259	2036.05499
1.100	-5.966	565.01340	1205.83000	478.24580	450.67870	100.00000	2.49869	575.20000	911.76000	1.48120	2036.05499
1.100	-5.464	565.07010	1206.14000	478.40380	450.57790	99.89999	2.49995	575.26000	911.75000	1.47311	2036.05499
1.100	-4.962	564.66240	1205.84000	478.39060	450.51710	99.89999	2.49946	574.84990	911.76980	1.46954	2036.09000
1.100	-4.465	564.82960	1206.11000	478.48140	450.52640	99.89999	2.50000	575.01980	911.76980	1.46167	2036.05499
1.100	-3.960	565.05930	1206.17999	478.43140	450.57130	99.89999	2.50005	575.25000	911.77980	1.45777	2036.02000
1.100	-3.455	564.98020	1206.09000	478.41020	450.56270	99.89999	2.49988	575.16990	911.77980	1.39450	2036.02000
1.100	-2.954	564.88280	1205.83000	478.29740	450.56840	99.89999	2.49933	575.06980	911.77980	1.42431	2036.05499
1.100	-2.451	564.85380	1205.72000	478.24490	450.49320	99.80000	2.49968	575.03980	911.76000	1.43566	2036.02000
1.100	-1.947	564.64870	1206.14000	478.57030	450.40140	99.80000	2.50074	574.83980	911.76980	1.43141	2036.02000
1.100	-1.446	564.75170	1205.91000	478.39580	450.44950	99.80000	2.50016	574.93990	911.76980	1.42795	2036.02000
1.100	-.940	564.71000	1206.03000	478.48190	450.42720	99.80000	2.50045	574.89990	911.79980	1.46558	2036.02000
1.100	-.445	565.07100	1206.05000	478.35110	450.50730	99.80000	2.50033	575.26000	911.77980	1.47323	2036.02000
1.100	.045	565.04320	1205.84000	478.24000	450.60400	99.89999	2.49928	575.23000	911.76980	1.47348	2036.05499
1.100	.556	564.67900	1206.14000	478.55830	450.40840	99.80000	2.49972	574.86990	911.77980	1.47311	2036.05499
1.100	1.060	565.03320	1205.83000	478.23780	450.52220	99.80000	2.49984	575.22000	911.77980	1.47734	2036.02000
GRADIENT		.01340	-.00876	-.01042	-.01015	-.01756	.00008	.01329	.00131	.00522	-.00386



( VCM053 ) ( 04 OCT 91 )

IA310 (AEDC 16TF-783) PROBE CALIBRATION

PARAMETRIC DATA

BETA = 2.000 PHI = 180.000

RUN NO. 1526/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	P	PT	Q(PSF)	T(R)	TT(F)	RN/L	PC	PREF	SH10+3	PATM
1.250	-6.957	462.73070	1198.25999	505.93700	426.75490	100.40000	2.49828	472.85990	864.34990	1.22395	2035.67000
1.250	-6.440	462.67190	1198.09000	505.86350	426.75680	100.40000	2.49793	472.79980	864.32980	1.22088	2035.67000
1.250	-5.934	462.46390	1197.91000	505.81790	426.72020	100.40000	2.49754	472.58980	864.34990	1.22107	2035.67000
1.250	-5.430	462.50560	1197.61000	505.65670	426.76200	100.40000	2.49693	472.62990	864.34990	1.21170	2035.67000
1.250	-4.925	462.63280	1197.99001	505.82150	426.75660	100.40000	2.49772	472.75980	864.33980	1.21131	2035.67000
1.250	-4.420	462.71360	1197.84000	505.72780	426.79320	100.40000	2.49742	472.83980	864.34990	1.20186	2035.67000
1.250	-3.916	462.41460	1197.81000	505.77810	426.71750	100.40000	2.49733	472.53980	864.33980	1.20829	2035.67000
1.250	-3.403	462.39360	1197.95000	505.85350	426.69780	100.40000	2.49761	472.51980	864.35990	1.21136	2035.70500
1.250	-2.896	462.73290	1197.92999	505.76900	426.78910	100.40000	2.49761	472.85990	864.34990	1.21459	2035.70500
1.250	-2.387	462.53420	1197.85001	505.77220	426.74490	100.40000	2.49742	472.65990	864.33980	1.21790	2035.63499
1.250	-1.874	462.60500	1197.67999	505.67070	426.78100	100.40000	2.49709	472.73000	864.32980	1.21485	2035.67000
1.250	-1.365	462.68040	1198.32001	505.97830	426.81180	100.50000	2.49781	472.80980	864.33980	1.21098	2035.67000
1.250	-.853	462.73020	1198.34000	505.97750	426.82300	100.50000	2.49786	472.85990	864.34990	1.21417	2035.67000
1.250	-.349	462.45610	1197.58000	505.65230	426.82810	100.50000	2.49628	472.57980	864.31980	1.21173	2035.67000
1.250	.139	462.47390	1197.91000	505.81590	426.79910	100.50000	2.49695	472.59990	864.33980	1.20819	2035.67000
1.250	.644	462.73340	1197.85001	505.72850	426.87380	100.50000	2.49686	472.85990	864.32980	1.21146	2035.67000
1.250	1.138	462.90940	1198.35001	505.94340	426.86910	100.50000	2.49790	473.03980	864.31980	1.21095	2035.67000
GRADIENT		.02511	.03020	.00981	.02093	.02280	-.00007	.02541	-.00372	.00042	-.00156

RUN NO. 1543/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	P	PT	Q(PSF)	T(R)	TT(F)	RN/L	PC	PREF	SH10+3	PATM
1.400	-6.961	381.96410	1214.72000	523.70730	402.13670	100.00000	2.49834	391.66990	880.81980	1.18828	2035.14500
1.400	-6.443	381.95970	1215.44000	524.02220	401.99560	99.89999	2.50025	391.66990	880.83980	1.18757	2035.11000
1.400	-5.938	381.65580	1215.03000	523.84910	402.01460	100.00000	2.49868	391.35990	880.86990	1.18798	2035.11000
1.400	-5.435	381.89360	1214.91000	523.79170	402.02590	99.89999	2.49923	391.59990	880.90990	1.18181	2035.14500
1.400	-4.931	381.88210	1215.19000	523.91460	401.99580	99.89999	2.49973	391.58980	880.92990	1.18467	2035.14500
1.400	-4.431	381.77540	1214.85001	523.76810	402.13960	100.10000	2.49785	391.48000	880.96000	1.18815	2035.14500
1.400	-3.920	381.95140	1215.17000	523.90430	402.09060	100.00000	2.49916	391.65990	880.96000	1.18784	2035.11000
1.400	-3.416	381.91160	1215.21001	523.92290	402.07470	100.00000	2.49920	391.61990	880.96000	1.18465	2035.11000
1.400	-2.903	381.68850	1214.55000	523.63870	402.06980	100.00000	2.49783	391.38990	880.99000	1.18216	2035.11000
1.400	-2.397	381.94310	1214.92999	523.79960	402.03880	99.89999	2.49931	391.64990	880.99000	1.18493	2035.11000
1.400	-1.890	382.05100	1215.06000	523.85420	402.13090	100.00000	2.49903	391.75980	881.01980	1.18480	2035.14500
1.400	-1.377	381.62650	1214.94000	523.81030	402.08620	100.10000	2.49790	391.32980	881.01000	1.18806	2035.14500
1.400	-.867	381.77220	1215.37000	523.99560	402.08940	100.10000	2.49879	391.48000	881.01980	1.18450	2035.14500
1.400	-.364	381.87480	1214.78999	523.73970	402.10330	100.00000	2.49841	391.57980	881.01000	1.18506	2035.11000
1.400	.127	381.79590	1214.73000	523.71510	402.01340	99.89999	2.49883	391.50000	881.01000	1.18512	2035.14500
1.400	.630	381.90890	1215.63000	524.10640	401.96240	99.89999	2.50056	391.61990	881.01980	1.18424	2035.11000
1.400	1.128	381.93460	1214.70000	523.69900	402.05790	99.89999	2.49888	391.63990	881.02980	1.19146	2035.14500
GRADIENT		.00100	-.00442	-.00198	-.00703	-.01077	.00006	.00100	.01442	.00021	.00075

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(VCM053) ( 04 OCT 91 )

PARAMETRIC DATA

BETA = 2.000 PHI = 180.000

RUN NO. 1560/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	P	PT	Q(PSF)	T(R)	TT(F)	RN/L	PC	PREF	SH10+3	PATM
1.450	-6.926	358.59960	1225.72000	528.04710	394.07420	100.20000	2.49724	368.06980	892.96000	1.42701	2035.32001
1.450	-6.412	359.05100	1226.13000	528.24050	394.17820	100.20000	2.49839	368.52980	892.96000	1.42653	2035.32001
1.450	-5.899	358.90620	1225.55000	527.99190	394.18630	100.20000	2.49723	368.37990	892.92990	1.42721	2035.28500
1.450	-5.393	358.90210	1226.36000	528.32860	394.11040	100.20000	2.49866	368.37990	892.96000	1.42255	2035.32001
1.449	-4.889	359.19850	1226.20000	528.27710	394.21830	100.20000	2.49865	368.67990	892.95000	1.43018	2035.28500
1.449	-4.381	358.94850	1225.00999	527.76950	394.24900	100.20000	2.49632	368.41990	892.95000	1.43531	2035.28500
1.450	-3.867	358.82320	1226.33000	528.31230	394.08860	100.20000	2.49853	368.29980	892.93990	1.43003	2035.28500
1.450	-3.354	358.98320	1225.92000	528.14990	394.24680	100.30000	2.49736	368.46000	892.95000	1.43425	2035.28500
1.450	-2.838	359.00150	1226.16000	528.25070	394.23050	100.30000	2.49780	368.48000	892.95000	1.44147	2035.28500
1.450	-2.321	358.98320	1225.94000	528.15820	394.24490	100.30000	2.49740	368.46000	892.95000	1.44549	2035.32001
1.450	-1.801	358.64770	1225.99001	528.16160	394.13500	100.30000	2.49717	368.11990	892.97000	1.44543	2035.28500
1.450	-1.283	359.14840	1226.36000	528.34110	394.25830	100.30000	2.49829	368.62990	892.92990	1.42939	2035.28500
1.449	-0.763	359.11380	1225.46001	527.96510	394.06050	100.30000	2.49776	368.00000	892.91990	1.45631	2035.25000
1.451	-0.252	358.52730	1226.39000	528.32180	394.26200	100.30000	2.49714	368.47000	892.90990	1.44606	2035.28500
1.450	.240	358.99370	1225.78999	528.09620	394.32180	100.30000	2.49818	368.78980	892.90990	1.45702	2035.28500
1.449	.738	359.30690	1226.21001	528.28690	394.32180	100.30000	2.49818	368.78980	892.90990	1.45652	2035.28500
1.450	1.223	358.83420	1226.13000	528.22970	394.18070	100.30000	2.49759	368.30980	892.89990	1.44904	2035.21500
	GRADIENT	.00753	.04129	.01679	.00520	.01614	-.00003	-.00744	-.00872	.00416	-.00640

RUN NO. 1645/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	P	PT	Q(PSF)	T(R)	TT(F)	RN/L	PC	PREF	SH10+3	PATM
1.470	-6.935	348.06710	1224.38971	526.79185	390.66800	101.00000	2.49389	357.40990	889.47000	1.32220	2031.43500
1.470	-6.417	347.82640	1223.21889	526.29530	390.69040	101.00000	2.49174	357.15990	889.45000	1.32686	2031.39999
1.470	-5.911	348.03780	1224.14114	526.68700	390.59330	100.90000	2.49437	357.37990	889.47000	1.33271	2031.39999
1.471	-5.403	347.81370	1223.66251	526.47446	390.56320	100.90000	2.49334	357.14990	889.48000	1.33321	2031.39999
1.470	-4.897	347.91360	1223.26062	526.31896	390.69120	101.00000	2.49235	357.25000	889.49000	1.34054	2031.39999
1.484	-4.389	347.84590	1248.13490	536.52452	390.62500	100.90000	2.49239	357.17990	889.47000	.00000	2031.39999
1.485	-3.881	347.80420	1248.54660	536.68392	390.63530	101.00000	2.49263	357.13990	889.47000	.00000	2031.39999
1.484	-3.365	347.93260	1248.53391	536.69321	390.61570	100.90000	2.49319	357.26980	889.48000	.00000	2031.39999
1.484	-2.855	348.36470	1248.92535	536.89719	390.80860	101.00000	2.49334	357.71000	889.46000	.00000	2031.39999
1.470	-2.336	348.09860	1223.44699	526.40952	390.64720	100.90000	2.49378	357.43990	889.46000	1.35072	2031.33000
1.484	-1.821	348.18850	1248.66252	536.77318	390.76930	101.00000	2.49283	357.52980	889.45000	.00000	2031.36501
1.471	-1.304	347.65580	1223.54327	526.41270	390.57300	101.00000	2.49275	356.99000	889.45000	1.34363	2031.36501
1.470	-.785	347.98000	1223.74074	526.52003	390.59280	100.90000	2.49396	357.31980	889.42990	1.34392	2031.33000
1.469	-.274	348.28690	1223.36893	526.39326	390.72920	100.90000	2.49356	357.62990	889.43990	1.34392	2031.33000
1.470	.219	347.84550	1223.00017	526.20676	390.68650	101.00000	2.49195	357.17990	889.42990	1.34427	2031.29500
1.470	.719	348.32400	1223.90930	526.61668	390.69780	100.90000	2.49443	357.66990	889.42990	1.33987	2031.29500
1.470	1.206	348.01030	1223.78580	526.54097	390.68680	101.00000	2.49412	357.33000	889.43990	1.33310	2031.33000
	GRADIENT	.03213	-3.72861	-1.52803	.00402	-.00113	.00014	.03291	-.00907	.20202	-.01732

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(VCM053) ( 04 OCT 91 )

PARAMETRIC DATA

BETA = 2.000 PHI = 180.000

RUN NO. 1595/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	P	PT	Q(PSF)	T(R)	TT(F)	RN/L	PC	PREF	SH10+3	PATM
1.493	-6.939	337.72390	1226.52963	526.63848	386.15840	100.20000	2.49880	346.91990	896.51980	1.51016	2033.67500
1.493	-6.426	337.39940	1226.60854	526.63205	386.04810	100.20000	2.49851	346.58980	896.51980	1.50618	2033.64000
1.493	-5.914	337.75220	1227.00319	526.82953	386.21630	100.30000	2.49863	346.95000	896.52980	1.49427	2033.64000
1.493	-5.410	337.51780	1226.51205	526.60772	386.16550	100.30000	2.49786	346.71000	896.53980	1.50631	2033.71001
1.493	-4.904	337.66460	1226.61230	526.66435	386.20020	100.30000	2.49829	346.85990	896.53980	1.51004	2033.67500
1.493	-4.395	337.33280	1226.42488	526.55138	386.13890	100.30000	2.49700	346.51980	896.52980	1.48732	2033.67500
1.493	-3.887	337.34250	1226.18286	526.45658	386.14210	100.30000	2.49701	346.52980	896.50000	1.50287	2033.67500
1.493	-3.373	337.40260	1226.21773	526.47624	386.18680	100.30000	2.49661	346.58980	896.51980	1.48380	2033.67500
1.493	-2.863	337.47240	1225.97780	526.38877	386.22630	100.30000	2.49637	346.65990	896.50000	1.48789	2033.67500
1.493	-2.350	337.91720	1227.67305	527.11455	386.22750	100.30000	2.49964	347.11990	896.51000	1.48208	2033.74500
1.493	-1.832	337.87700	1228.14485	527.29736	386.19290	100.30000	2.50000	347.07980	896.50000	1.46645	2033.71001
1.493	-1.314	337.87700	1228.10573	527.28131	386.19650	100.30000	2.49993	347.07980	896.51000	1.46650	2033.74500
1.493	-.797	337.72190	1227.52965	527.03441	386.19140	100.30000	2.49888	346.91990	896.49000	1.47093	2033.74500
1.493	-.289	337.73240	1227.50339	527.02504	386.20800	100.30000	2.49864	346.92990	896.47000	1.46347	2033.74500
1.493	-.202	337.53910	1226.75677	526.70636	386.20530	100.30000	2.49726	346.73000	896.46000	1.46809	2033.71001
1.493	.705	337.43190	1226.15842	526.45589	386.19090	100.30000	2.49674	346.61990	896.48000	1.49146	2033.74500
1.493	1.192	337.27710	1225.52060	526.18564	386.18580	100.30000	2.49570	346.46000	896.45000	1.49985	2033.71001
GRADIENT		.00491	.02181	.00912	.00421	-.00000	-.00004	.00489	-.01202	-.00316	.01137

RUN NO. 1611/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	P	PT	Q(PSF)	T(R)	TT(F)	RN/L	PC	PREF	SH10+3	PATM
1.516	-6.939	327.67040	1231.98705	527.45707	383.05250	101.60000	2.49244	336.71000	905.52980	1.61685	2033.78000
1.516	-6.422	328.24710	1232.57402	527.77151	383.20360	101.60000	2.49395	337.29980	905.54980	1.61208	2033.74500
1.516	-5.914	327.79710	1232.22636	527.56887	383.07470	101.60000	2.49298	336.83980	905.53980	1.61655	2033.74500
1.516	-5.410	327.60350	1231.67032	527.32363	383.06880	101.60000	2.49162	336.63990	905.54980	1.60910	2033.78000
1.516	-4.897	327.47000	1230.70735	526.93017	383.10400	101.60000	2.48994	336.50000	905.53980	1.61444	2033.78000
1.516	-4.396	327.35450	1230.03896	526.65271	383.11890	101.60000	2.48877	336.37990	905.54980	1.61940	2033.74500
1.516	-3.887	327.06180	1229.61224	526.44429	383.05100	101.60000	2.48784	336.07980	905.53980	1.62403	2033.74500
1.516	-3.378	327.10060	1229.86395	526.54729	383.05250	101.60000	2.48810	336.11990	905.54980	1.61550	2033.74500
1.516	-2.863	327.15040	1229.58569	526.44645	383.08940	101.60000	2.48778	336.16990	905.54980	1.61998	2033.78000
1.516	-2.346	327.23800	1229.80246	526.54364	383.10550	101.60000	2.48814	336.25980	905.54980	1.61560	2033.78000
1.517	-1.834	327.14770	1230.48763	526.79581	383.02880	101.60000	2.48891	336.16990	905.51980	1.60245	2033.78000
1.516	-1.314	327.43040	1231.00995	527.04128	383.08450	101.60000	2.49000	336.46000	905.51980	1.59775	2033.71001
1.517	-.799	327.59330	1231.91527	527.41756	383.05400	101.60000	2.49182	336.62990	905.51000	1.60064	2033.71001
1.516	-.288	328.00150	1232.92038	527.86868	383.10940	101.60000	2.49387	337.04980	905.53980	1.59533	2033.74500
1.516	.203	327.40230	1230.83290	526.96754	383.10160	101.60000	2.48947	336.42990	905.52980	1.58990	2033.78000
1.517	.704	327.12960	1230.33289	526.73270	383.05790	101.60000	2.48842	336.14990	905.51980	1.58649	2033.78000
1.516	1.195	327.50050	1230.79652	526.96835	383.21240	101.70000	2.48881	336.52980	905.51000	1.58594	2033.78000
GRADIENT		.04569	.23807	.09912	.00668	.00640	.00027	.04718	-.00549	-.00635	.00104

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(VCM053) ( 04 OCT 91 )

PARAMETRIC DATA

BETA = 2.000 PHI = 180.000

RUN NO. 1626/ O RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	P	PT	O(PSF)	T(R)	TT(F)	RN/L	PC	PREF	SH10+3	PATM
1.542	-6.938	316.93950	1236.10443	527.20490	378.81130	101.30000	2.48784	325.76980	906.76980	1.54144	2033.42999
1.541	-6.426	317.68680	1237.91125	528.02959	378.91500	101.30000	2.49174	326.53980	906.78980	1.53929	2033.42999
1.540	-5.921	318.37570	1239.53288	528.77254	379.00900	101.30000	2.49536	327.25000	906.79980	1.54127	2033.42999
1.541	-5.410	317.85130	1238.72697	528.37016	378.99460	101.40000	2.49220	326.71000	906.76000	1.51885	2033.42999
1.542	-4.902	317.21340	1237.53450	527.80067	378.97310	101.40000	2.48761	326.04980	906.76980	1.44833	2033.42999
1.542	-4.395	317.02080	1236.59581	527.40936	378.92110	101.30000	2.48640	325.84990	906.76980	1.44942	2033.39500
1.542	-3.887	316.94140	1236.99956	527.54726	378.86210	101.30000	2.48690	325.76980	906.76000	1.44522	2033.39500
1.542	-3.373	317.33030	1237.77054	527.91193	378.93600	101.30000	2.48855	326.16990	906.74000	1.44068	2033.39500
1.542	-2.863	317.48390	1238.70171	528.29313	378.98000	101.40000	2.48960	326.32980	906.74000	1.43592	2033.36000
1.542	-2.350	317.69580	1239.86662	528.77460	378.90360	101.30000	2.49203	326.54980	906.72000	1.41996	2033.36000
1.542	-1.828	317.94780	1240.69460	529.13522	378.92380	101.30000	2.49362	326.80980	906.72000	1.41541	2033.32500
1.542	-1.314	318.28710	1241.93526	529.66925	379.03000	101.40000	2.49495	327.15990	906.72000	1.39243	2033.36000
1.542	-.796	318.38380	1242.34286	529.84116	379.03270	101.40000	2.49566	327.25980	906.67990	1.38841	2033.36000
1.542	-.288	318.27810	1241.56583	529.52735	379.04520	101.40000	2.49459	327.14990	906.65990	1.40361	2033.32500
1.542	.204	317.88040	1240.43024	529.02215	378.99580	101.40000	2.49241	326.74000	906.65990	1.41208	2033.32500
1.542	.705	317.81250	1240.02362	528.85590	378.98830	101.40000	2.49202	326.66990	906.64990	1.42709	2033.28999
1.542	1.194	317.50930	1239.90540	528.75336	378.88670	101.40000	2.49157	326.35990	906.62990	1.43083	2033.32500
GRADIENT		.15971	.71265	.29980	.00997	.01402	.00116	.16542	-.02369	-.00633	-.01772

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(VCM054) ( 04 OCT 91 )

PARAMETRIC DATA

BETA = 2.500 PHI = 180.000

RUN NO. 1580/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	P	PT	Q(PSF)	T(R)	TT(F)	RN/L	PC	PREF	SH10+3	PATM
.600	-6.906	1252.03000	1596.58000	315.18410	522.39650	100.30000	2.49564	1261.78000	1306.52000	.99641	2034.58501
.599	-6.393	1252.70799	1596.73000	314.75420	522.46310	100.30000	2.49421	1262.45000	1306.56000	.99370	2034.55000
.599	-5.888	1252.34399	1596.64999	314.98580	522.42720	100.30000	2.49498	1262.09000	1306.56000	.97561	2034.51500
.600	-5.376	1252.47501	1597.22000	315.35770	522.38960	100.30000	2.49681	1262.23000	1306.60001	.97013	2034.51500
.599	-4.867	1252.51199	1596.39999	314.63770	522.47070	100.30000	2.49351	1262.25000	1306.59000	.95791	2034.48000
.600	-4.359	1251.83701	1597.11000	315.78810	522.32400	100.30000	2.49828	1261.60001	1306.62000	.95245	2034.48000
.600	-3.844	1252.29800	1596.89999	315.23340	522.39840	100.30000	2.49609	1262.05000	1306.62000	.95257	2034.51500
.600	-3.328	1251.69600	1597.02000	315.82790	522.31540	100.30000	2.49835	1261.46001	1306.63000	.94748	2034.51500
.600	-2.814	1252.18800	1597.30000	315.65940	522.34790	100.30000	2.49797	1261.95000	1306.66000	.94233	2034.55000
.600	-2.295	1252.06900	1596.70000	315.25340	522.38990	100.30000	2.49599	1261.82001	1306.67000	.94268	2034.44501
.600	-1.781	1251.82001	1596.92000	315.64180	522.33960	100.30000	2.49759	1261.58000	1306.64999	.94255	2034.44501
.601	-1.259	1251.73900	1596.92999	315.71730	522.32910	100.30000	2.49787	1261.50000	1306.66000	.97801	2034.44501
.600	-.743	1251.43600	1597.34000	316.30980	522.25460	100.30000	2.50037	1261.21001	1306.67999	.98033	2034.44501
.600	-.235	1251.91299	1596.86000	315.51560	522.44950	100.40000	2.49651	1261.67000	1306.67999	.98321	2034.44501
.600	.258	1251.43800	1596.75000	315.81300	522.30980	100.30000	2.49807	1261.20000	1306.69000	.98847	2034.44501
.600	.760	1252.39200	1597.28000	315.47580	522.37430	100.30000	2.49729	1262.14999	1306.70000	.99075	2034.44501
.600	1.250	1251.87500	1596.75000	315.45460	522.45530	100.40000	2.49620	1261.63000	1306.71001	.99108	2034.34000
GRADIENT		-.06135	.02360	.07019	-.00054	.00963	.00022	-.05994	.01694	.00807	-.01839

RUN NO. 1471/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	P	PT	Q(PSF)	T(R)	TT(F)	RN/L	PC	PREF	SH10+3	PATM
.800	-6.935	879.75590	1341.24001	394.27320	496.40700	100.30000	2.49777	889.65990	1046.80000	1.59564	2038.39999
.800	-6.421	879.92940	1341.12000	394.06640	496.44750	100.30000	2.49710	889.82980	1046.83000	1.60400	2038.39999
.800	-5.912	879.53590	1341.10001	394.31910	496.38620	100.30000	2.49774	889.43990	1046.84000	1.61642	2038.39999
.800	-5.407	879.89260	1340.89000	393.92110	496.55440	100.40000	2.49590	889.78980	1046.89000	1.62083	2038.36501
.800	-4.902	879.90890	1341.13000	394.08790	496.53170	100.40000	2.49659	889.80980	1046.92999	1.62054	2038.36501
.801	-4.395	879.34330	1341.14000	394.47970	496.43950	100.40000	2.49763	889.25000	1046.97000	1.62052	2038.36501
.800	-3.886	879.67770	1341.05000	394.18550	496.50290	100.40000	2.49676	889.57980	1046.97000	1.62480	2038.39999
.800	-3.379	879.74800	1341.09000	394.16750	496.51000	100.40000	2.49676	889.64990	1047.02000	1.62058	2038.39999
.800	-2.896	879.61690	1341.08000	394.24930	496.49000	100.40000	2.49636	889.51980	1047.03999	1.61644	2038.39999
.800	-2.354	879.72850	1341.07001	394.16630	496.50900	100.40000	2.49674	889.62990	1047.07001	1.59994	2038.39999
.800	-1.841	879.41600	1341.03000	394.34890	496.46290	100.40000	2.49717	889.31980	1047.10001	1.59179	2038.39999
.800	-1.332	880.06300	1340.99001	393.87940	496.57150	100.40000	2.49590	889.96000	1047.13000	1.57962	2038.39999
.800	-.819	879.90010	1341.05000	394.03420	496.53880	100.40000	2.49637	889.79980	1047.16000	1.57955	2038.36501
.800	-.312	879.49780	1340.95000	394.23410	496.57320	100.50000	2.49621	889.39990	1047.19000	1.57561	2038.39999
.800	.177	879.70090	1340.87000	394.03660	496.61450	100.50000	2.49560	889.59990	1047.21001	1.57571	2038.39999
.800	.686	879.93970	1341.09000	394.03710	496.62360	100.50000	2.49595	889.83980	1047.24001	1.56737	2038.39999
.800	1.179	879.93070	1341.03999	394.00610	496.63350	100.50000	2.49571	889.82980	1047.28000	1.54341	2038.39999
GRADIENT		.03624	-.02245	-.04128	.02545	.01943	-.00024	.03551	.05641	-.01248	.00336

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(VCM054) ( 04 OCT 91 )

PARAMETRIC DATA

BETA = 2.500 PHI = 180.000

RUN NO. 1505/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	P	PT	Q(PSF)	T(R)	TT(F)	RN/L	PC	PREF	SH10+3	PATM
.897	-6.924	755.42720	1274.08000	425.86740	482.20190	100.20000	2.49722	765.42990	979.61990	5.52299	2036.50999
.901	-6.413	752.39430	1273.32001	427.15210	481.73000	100.20000	2.49911	762.40990	979.64990	5.95317	2036.54500
.900	-5.901	751.97950	1272.03000	426.51290	481.79350	100.20000	2.49613	761.98000	979.68990	6.01474	2036.50999
.900	-5.397	752.53220	1272.13000	426.25270	481.97000	100.30000	2.49510	762.52980	979.72000	6.00035	2036.50999
.899	-4.892	753.28320	1273.17000	426.52000	481.99490	100.30000	2.49696	763.28980	979.75980	5.94009	2036.50999
.900	-4.384	753.22090	1274.03000	427.14840	481.89060	100.30000	2.49940	763.24000	979.79980	5.75961	2036.50999
.900	-3.879	752.86690	1273.39999	426.92600	481.98000	100.40000	2.49756	762.87990	979.80980	5.50024	2036.50999
.901	-3.364	751.56200	1272.31000	426.95310	481.85890	100.40000	2.49629	761.56980	979.83980	4.96551	2036.50999
.899	-2.856	751.61940	1271.82001	426.58280	481.92260	100.40000	2.49487	761.61990	979.85990	5.20646	2036.50999
.899	-2.344	752.80200	1272.25999	426.18120	482.09130	100.40000	2.49453	762.79980	979.88990	5.15603	2036.47501
.900	-1.830	752.57200	1272.89000	426.75120	482.06710	100.50000	2.49598	762.57980	979.92990	5.09331	2036.50999
.900	-1.314	752.57810	1273.14999	426.92630	482.04030	100.50000	2.49668	762.58980	979.93990	5.02094	2036.50999
.900	-.805	752.57230	1272.86000	426.73050	482.15650	100.60000	2.49532	762.57980	979.96000	4.95167	2036.47501
.900	-.296	752.94340	1272.97000	426.58500	482.21260	100.60000	2.49514	762.95000	979.98000	4.63443	2036.47501
.900	.193	752.79130	1273.05000	426.73070	482.17600	100.60000	2.49555	762.79980	979.99000	4.75631	2036.47501
.900	.699	752.56960	1273.05000	426.86250	482.22140	100.70000	2.49527	762.57980	980.03980	4.84701	2036.44000
.900	1.191	752.60010	1273.02000	426.82370	482.23050	100.70000	2.49515	762.60990	980.04980	5.29993	2036.44000
GRADIENT		-.01983	-.02454	-.00950	.05760	.06808	-.00043	-.02003	.04679	-.14116	-.01136

RUN NO. 1511/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	P	PT	Q(PSF)	T(R)	TT(F)	RN/L	PC	PREF	SH10+3	PATM
1.099	-6.976	565.44190	1206.06000	478.21020	450.59080	99.80000	2.50018	575.62990	911.79980	1.45412	2036.02000
1.100	-6.465	564.74070	1205.99001	478.44680	450.35790	99.70000	2.50093	574.92990	911.78980	1.44286	2036.02000
1.100	-5.962	565.00100	1206.03000	478.36720	450.41280	99.70000	2.50090	575.18990	911.79980	1.44658	2036.02000
1.100	-5.457	564.84110	1206.00000	478.41310	450.37960	99.70000	2.50091	575.02980	911.80980	1.45040	2036.02000
1.100	-4.961	564.87330	1205.80000	478.28370	450.40840	99.70000	2.50043	575.05980	911.82980	1.44308	2036.02000
1.100	-4.461	564.88600	1205.53999	478.12740	450.43900	99.70000	2.49983	575.06980	911.80980	1.43963	2036.02000
1.100	-3.954	564.77170	1205.91000	478.38770	450.45410	99.80000	2.50015	574.96000	911.80980	1.38379	2036.02000
1.100	-3.449	565.01120	1206.00000	478.34570	450.41850	99.70000	2.50083	575.20000	911.83980	1.45040	2036.02000
1.100	-2.948	564.91110	1206.00000	478.38530	450.39580	99.70000	2.50088	575.09990	911.80980	1.39096	2036.02000
1.100	-2.443	564.81030	1206.03999	478.44820	450.36840	99.70000	2.50102	575.00000	911.82980	1.39821	2036.02000
1.100	-1.943	564.77220	1205.84000	478.34690	450.38110	99.70000	2.50057	574.96000	911.81980	1.40579	2036.05499
1.100	-1.441	564.91140	1205.98000	478.37350	450.39790	99.70000	2.50083	575.09990	911.80980	1.42042	2036.05499
1.100	-.939	564.87210	1205.91000	478.34810	450.39650	99.70000	2.50069	575.05980	911.81980	1.41679	2036.05499
1.100	-.442	564.98220	1205.92000	478.31050	450.42040	99.70000	2.50066	575.16990	911.80980	1.41678	2036.02000
1.100	.050	565.01950	1206.14999	478.42970	450.32370	99.59999	2.50175	575.21000	911.78980	1.42021	2036.05499
1.100	.562	564.88090	1206.00999	478.40310	450.30710	99.59999	2.50150	575.06980	911.78980	1.42038	2036.05499
1.100	1.063	565.07980	1206.13000	478.39400	450.33960	99.59999	2.50168	575.26980	911.76980	1.42769	2036.05499
GRADIENT		.02340	.05269	.02142	-.01705	-.02079	.00023	.02393	-.00691	-.00077	.00686

( VCM054 ) ( 04 OCT 91 )

PARAMETRIC DATA

BETA = 2.500 PHI = 180.000

RUN NO. 1527/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	P	PT	Q(PSF)	T(R)	TT(F)	RN/L	PC	PREF	SH10+3	PATM
1.250	-6.945	462.72240	1198.00000	505.80690	426.85550	100.50000	2.49716	472.84990	864.30980	1.21130	2035.67000
1.250	-6.431	462.79000	1198.34000	505.96440	426.83860	100.50000	2.49787	472.91990	864.30980	1.21096	2035.63499
1.250	-5.924	462.50270	1198.07001	505.89060	426.79050	100.50000	2.49728	472.62990	864.32980	1.21445	2035.67000
1.250	-5.417	462.54300	1198.03000	505.86160	426.80520	100.50000	2.49720	472.66990	864.31980	1.21127	2035.67000
1.249	-4.916	462.74390	1197.78999	505.69580	426.88260	100.50000	2.49674	472.86990	864.32980	1.21473	2035.63499
1.250	-4.408	462.58470	1197.72000	505.69510	426.84770	100.50000	2.49658	472.71000	864.33980	1.20518	2035.63499
1.250	-3.898	462.51290	1198.02000	505.86280	426.79810	100.50000	2.49718	472.63990	864.31980	1.19850	2035.63499
1.250	-3.391	462.58230	1198.11000	505.89330	426.80740	100.50000	2.49737	472.71000	864.31980	1.20159	2035.63499
1.250	-2.882	462.53270	1198.06000	505.87890	426.79930	100.50000	2.49726	472.65990	864.31980	1.20483	2035.63499
1.250	-2.372	462.23540	1197.81000	505.81740	426.74630	100.50000	2.49672	472.35990	864.30980	1.20189	2035.67000
1.250	-1.868	462.56010	1198.44000	506.06540	426.76810	100.50000	2.49804	472.68990	864.30980	1.20126	2035.67000
1.250	-1.356	462.71020	1198.36000	505.99220	426.81570	100.50000	2.49790	472.83980	864.30980	1.20453	2035.63499
1.250	-.848	462.63260	1198.00000	505.82670	426.83180	100.50000	2.49715	472.75980	864.30980	1.20170	2035.67000
1.250	-.343	462.50340	1197.96001	505.83470	426.80180	100.50000	2.49706	472.62990	864.29980	1.20174	2035.67000
1.250	.146	462.42480	1197.78000	505.76050	426.79930	100.50000	2.49668	472.54980	864.30980	1.23094	2035.63499
1.250	.654	462.76270	1197.95000	505.77270	426.87110	100.50000	2.49707	472.88990	864.29980	1.23077	2035.63499
1.250	1.149	462.69340	1197.89999	505.76270	426.93430	100.60000	2.49637	472.81980	864.28980	1.23408	2035.63499
GRADIENT		.00721	.00921	.00311	.00589	.00648	-.00002	.00727	-.00610	.00400	.00148

RUN NO. 1544/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	P	PT	Q(PSF)	T(R)	TT(F)	RN/L	PC	PREF	SH10+3	PATM
1.400	-6.953	381.85640	1214.55000	523.63530	402.19240	100.10000	2.49736	391.55980	881.01000	1.16967	2035.14500
1.400	-6.436	381.79520	1214.86000	523.77200	402.07280	100.00000	2.49847	391.50000	881.02980	1.17560	2035.14500
1.400	-5.929	381.99000	1215.34000	523.97800	402.15770	100.10000	2.49890	391.70000	881.02980	1.16891	2035.17999
1.400	-5.422	381.91550	1214.56000	523.63820	402.06540	99.89999	2.49861	391.61990	881.03980	1.17277	2035.17999
1.400	-4.918	381.88130	1215.32001	523.97140	402.12700	100.10000	2.49878	391.58980	881.04980	1.17203	2035.21500
1.400	-4.416	381.79660	1214.63000	523.67140	402.16670	100.10000	2.49746	391.50000	881.04980	1.16959	2035.17999
1.400	-3.911	381.98000	1215.34000	523.97830	402.08300	100.00000	2.49949	391.68990	881.01980	1.17201	2035.17999
1.400	-3.406	381.72560	1214.92999	523.80400	402.04520	100.00000	2.49855	391.42990	881.03980	1.16620	2035.17999
1.400	-2.893	381.74560	1214.86000	523.77290	401.98580	99.89999	2.49903	391.45000	881.03980	1.16627	2035.21500
1.400	-2.387	381.79320	1215.17999	523.91210	401.97000	99.89999	2.49965	391.50000	881.02980	1.17217	2035.17999
1.400	-1.880	381.94170	1215.17000	523.90480	402.15940	100.10000	2.49855	391.64990	881.02980	1.16597	2035.17999
1.400	-1.366	381.78560	1214.80000	523.74610	402.00370	99.89999	2.49895	391.49000	880.99000	1.16632	2035.21500
1.400	-.863	381.87650	1214.49001	523.60860	402.20410	100.10000	2.49727	391.57980	881.01000	1.16973	2035.17999
1.399	-.359	382.03910	1215.37000	523.99020	402.02610	99.89999	2.50018	391.75000	881.01000	1.18450	2035.17999
1.400	.132	381.99370	1214.74001	523.71560	402.21560	100.10000	2.49781	391.70000	880.99000	1.17571	2035.17999
1.400	.639	381.81670	1214.56000	523.64040	402.03560	99.89999	2.49854	391.51980	881.00000	1.18215	2035.17999
1.400	1.134	381.90890	1215.67000	524.12400	401.95850	99.89999	2.50063	391.61990	880.97000	1.17794	2035.14500
GRADIENT		.01647	-.00513	-.00256	-.00785	-.01849	.00011	.01663	-.01126	.00183	-.00495

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(VCM054) ( 04 OCT 91 )

PARAMETRIC DATA

BETA = 2.500 PHI = 180.000

RUN NO. 1561/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	P	PT	Q(PSF)	T(R)	TT(F)	RN/L	PC	PREF	SH10+3	PATM
1.450	-6.907	359.04320	1225.75000	528.08200	394.28120	100.30000	2.49712	368.51980	892.88990	1.44949	2035.28500
1.450	-6.392	359.08130	1226.00000	528.18820	394.27030	100.30000	2.49760	368.55980	892.88990	1.45298	2035.28500
1.450	-5.882	358.97070	1226.42999	528.36130	394.19600	100.30000	2.49825	368.45000	892.88990	1.44869	2035.28500
1.450	-5.371	358.78540	1226.03999	528.18970	394.17360	100.30000	2.49739	368.25980	892.88990	1.44537	2035.25000
1.450	-4.869	358.83570	1225.84000	528.10890	394.20780	100.30000	2.49708	368.30980	892.88990	1.44939	2035.25000
1.449	-4.360	359.26880	1225.98000	528.18920	394.33080	100.30000	2.49774	368.75000	892.87990	1.45300	2035.28500
1.450	-3.846	358.82590	1225.85001	528.11280	394.20390	100.30000	2.49709	368.29980	892.88990	1.44937	2035.32001
1.450	-3.331	358.86300	1226.27000	528.28930	394.17700	100.30000	2.49786	368.33980	892.86990	1.44510	2035.28500
1.450	-2.816	358.85520	1225.86000	528.11840	394.21220	100.30000	2.49714	368.32980	892.87990	1.44559	2035.28500
1.450	-2.304	358.97270	1226.03999	528.19920	394.23240	100.30000	2.49756	368.45000	892.85990	1.43411	2035.21500
1.450	-1.784	358.97270	1226.03000	528.19510	394.23340	100.30000	2.49755	368.45000	892.86990	1.43038	2035.32001
1.449	-1.267	359.23000	1225.82001	528.12060	394.33350	100.30000	2.49742	368.71000	892.85990	1.43063	2035.28500
1.451	-0.755	358.79200	1226.66000	528.44750	394.11890	100.30000	2.49848	368.26980	892.84990	1.42220	2035.25000
1.450	-0.246	358.79470	1226.13000	528.22750	394.23880	100.40000	2.49696	368.26980	892.83980	1.41910	2035.28500
1.450	.245	358.85550	1225.85001	528.11430	394.21310	100.30000	2.49712	368.32980	892.83980	1.40834	2035.28500
1.450	.749	358.76510	1226.17999	528.24680	394.22490	100.40000	2.49702	368.24000	892.83980	1.41534	2035.32001
1.450	1.238	358.62870	1225.82001	528.09010	394.21510	100.40000	2.49626	368.09990	892.82980	1.41946	2035.32001
	GRADIENT	-.03977	.02015	.00635	-.00376	.01501	-.00009	-.04022	-.00982	-.00711	.00483

RUN NO. 1646/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	P	PT	Q(PSF)	T(R)	TT(F)	RN/L	PC	PREF	SH10+3	PATM
1.470	-6.918	348.46240	1224.19576	526.74548	390.75390	100.90000	2.49435	357.80980	889.41990	1.31908	2031.25999
1.471	-6.398	347.87430	1223.89722	526.57602	390.67940	101.00000	2.49229	357.21000	889.41990	1.30580	2031.25999
1.470	-5.895	348.10890	1223.75954	526.53794	390.72190	101.00000	2.49316	357.45000	889.41990	1.33314	2031.25999
1.470	-5.385	347.91240	1223.60703	526.46043	390.67090	101.00000	2.49273	357.25000	889.40990	1.33328	2031.22501
1.470	-4.881	348.08030	1223.48479	526.42389	390.66210	100.90000	2.49336	357.41990	889.41990	1.33687	2031.19000
1.470	-4.369	347.93460	1222.98958	526.21037	390.65360	100.90000	2.49248	357.26980	889.41990	1.34084	2031.19000
1.471	-3.862	347.56010	1223.05911	526.20786	390.52250	100.90000	2.49229	356.88990	889.40990	1.34071	2031.12000
1.470	-3.347	348.10690	1223.90353	526.59581	390.68970	101.00000	2.49376	357.45000	889.39990	1.34329	2031.15500
1.470	-2.830	347.87260	1223.61430	526.45964	390.65090	101.00000	2.49282	357.21000	889.41990	1.33670	2031.15500
1.470	-2.320	348.11160	1223.18341	526.30453	390.77640	101.00000	2.49214	357.45000	889.38990	1.33378	2031.12000
1.484	-1.804	348.12890	1248.73943	536.79696	390.73830	101.00000	2.49299	357.47000	889.39990	.00000	2031.12000
1.484	-1.291	347.94310	1248.42014	536.64972	390.70140	101.00000	2.49236	357.27980	889.39990	.00000	2031.08501
1.484	-.777	348.22440	1249.31371	537.03712	390.71390	101.00000	2.49414	357.56980	889.39990	.00000	2031.08501
1.470	-.267	347.98290	1223.00197	526.21905	390.71970	101.00000	2.49230	357.31980	889.39990	1.35120	2031.08501
1.484	.225	348.21680	1248.91736	536.87766	390.75290	101.00000	2.49334	357.55980	889.39990	.00000	2031.08501
1.470	.728	348.00050	1223.40536	526.38462	390.68820	101.00000	2.49303	357.33980	889.37990	1.35075	2031.01500
1.484	1.219	348.35670	1248.62254	536.77587	390.83760	101.00000	2.49273	357.70000	889.37990	.00000	2031.05000
	GRADIENT	.05140	3.56350	1.46773	.02464	.01621	.00002	.05239	-.00560	-.18685	-.02416



IA310 (AEDC 16TF-783) PROBE CALIBRATION

(VCM054) ( 04 OCT 91 )

PARAMETRIC DATA

BETA = 2.500 PHI = 180.000

RUN NO. 1596/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	P	PT	Q(PSF)	T(R)	TT(F)	RN/L	PC	PREF	SH10+3	PATM
1.492	-6.926	338.12060	1227.84262	527.20580	386.23610	100.30000	2.50098	347.32980	896.45000	1.51242	2033.71001
1.493	-6.404	337.97290	1228.15129	527.45535	386.18070	100.30000	2.50094	347.17990	896.47000	1.47352	2033.71001
1.493	-5.902	338.23680	1229.06683	527.70512	386.24120	100.30000	2.50174	347.45000	896.43990	1.45792	2033.71001
1.493	-5.392	338.28640	1228.83479	527.61871	386.26780	100.30000	2.50159	347.50000	896.47000	1.46567	2033.71001
1.493	-4.888	338.07910	1229.02760	527.67159	386.17530	100.30000	2.50183	347.28980	896.47000	1.46916	2033.64000
1.493	-4.378	338.11870	1228.94353	527.64270	386.19630	100.30000	2.50172	347.32980	896.45000	1.46927	2033.71001
1.493	-3.865	338.33350	1229.26981	527.79723	386.23880	100.30000	2.50250	347.54980	896.45000	1.46890	2033.71001
1.493	-3.357	338.08860	1228.65448	527.52463	386.17410	100.30000	2.50193	347.29980	896.45000	1.49609	2033.67500
1.493	-2.844	338.15720	1229.10437	527.71078	386.19460	100.30000	2.50204	347.36990	896.43990	1.46908	2033.67500
1.493	-2.331	338.16600	1229.36021	527.81307	386.17460	100.30000	2.50249	347.37990	896.43990	1.46877	2033.67500
1.493	-1.818	337.56100	1226.25032	526.50750	386.33330	100.40000	2.49570	346.75000	896.41990	1.46496	2033.67500
1.493	-1.301	337.66480	1227.15106	526.87728	386.27540	100.40000	2.49757	346.85990	896.42990	1.47138	2033.64000
1.493	-.789	337.32690	1225.78250	526.29403	386.21700	100.30000	2.49547	346.50980	896.40990	1.47300	2033.64000
1.493	-.283	338.01340	1227.96179	527.24062	386.21700	100.30000	2.50055	347.22000	896.40990	1.49312	2033.64000
1.493	.208	338.19820	1228.30209	527.39682	386.24270	100.30000	2.50142	347.40990	896.39990	1.49653	2033.60500
1.493	.716	338.04050	1228.92664	527.62632	386.17700	100.30000	2.50151	347.25000	896.39990	1.46553	2033.60500
1.493	1.208	338.06080	1228.77191	527.56815	386.19780	100.30000	2.50126	347.26980	896.39990	1.46572	2033.64000
GRADIENT		-.03751	-.17938	-.07566	.00359	.00112	-.00034	-.03892	-.01146	.00079	-.01245

RUN NO. 1612/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	P	PT	Q(PSF)	T(R)	TT(F)	RN/L	PC	PREF	SH10+3	PATM
1.517	-6.923	327.48660	1232.11156	527.47572	383.11010	101.70000	2.49064	336.51980	905.51000	1.56821	2033.74500
1.517	-6.409	327.26490	1231.07129	527.03931	383.12210	101.70000	2.48873	336.28980	905.51000	1.57352	2033.74500
1.516	-5.899	327.20040	1230.00150	526.61402	383.19630	101.70000	2.48684	336.22000	905.50000	1.57490	2033.74500
1.516	-5.391	327.23070	1229.78116	526.53259	383.22660	101.70000	2.48649	336.25000	905.51000	1.57519	2033.74500
1.516	-4.890	327.28520	1230.50520	526.82350	383.14820	101.70000	2.48839	336.30980	905.50000	1.59840	2033.74500
1.517	-4.378	327.54470	1232.24519	527.53661	383.11280	101.70000	2.49103	336.57980	905.50000	1.57204	2033.74500
1.517	-3.870	327.88430	1233.07532	527.90978	383.14990	101.70000	2.49291	336.92990	905.51000	1.57501	2033.71001
1.516	-3.357	328.01120	1233.30521	528.01842	383.17820	101.70000	2.49334	337.05980	905.51000	1.57074	2033.71001
1.517	-2.844	327.57540	1231.85907	527.39179	383.15820	101.70000	2.49041	336.60990	905.51980	1.57254	2033.71001
1.516	-2.331	327.19900	1230.25412	526.71253	383.16240	101.70000	2.48747	336.22000	905.51000	1.58258	2033.71001
1.516	-1.814	326.95780	1229.37794	526.33569	383.23710	101.80000	2.48492	335.97000	905.50000	1.57567	2033.71001
1.517	-1.300	327.00420	1229.92889	526.55637	383.12990	101.70000	2.48660	336.01980	905.51000	1.57896	2033.71001
1.516	-.788	327.36470	1230.46895	526.82040	383.26860	101.80000	2.48741	336.38990	905.49000	1.58233	2033.71001
1.517	-.282	327.33300	1231.08871	527.05615	383.13350	101.70000	2.48903	336.35990	905.51000	1.58151	2033.71001
1.516	.209	327.64450	1231.62331	527.31051	383.26100	101.80000	2.48968	336.67990	905.51000	1.58086	2033.71001
1.517	.714	327.57280	1232.43317	527.61359	383.03520	101.70000	2.49158	336.60990	905.49000	1.57980	2033.71001
1.517	1.209	327.81640	1232.85226	527.81313	383.14140	101.70000	2.49256	336.85990	905.49000	1.57929	2033.71001
GRADIENT		-.00371	-.00858	-.00397	.00404	.00652	-.00006	-.00380	-.00183	-.00004	-.00418

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(VCM054) ( 04 OCT 91 )

PARAMETRIC DATA

BETA = 2.500 PHI = 180.000

RUN NO. 1627/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	P	PT	Q(PSF)	T(R)	TT(F)	RN/L	PC	PREF	SH10+3	PATM
1.541	-6.920	317.80350	1238.70436	528.35271	379.00610	101.40000	2.49161	326.65990	906.61990	1.49966	2033.28999
1.541	-6.406	317.67550	1238.82962	528.37572	378.94430	101.40000	2.49178	326.52980	906.61990	1.50331	2033.25500
1.541	-5.899	318.09550	1239.14420	528.57405	379.06490	101.40000	2.49279	326.96000	906.59990	1.50299	2033.25500
1.542	-5.391	317.52710	1239.19247	528.48403	378.84890	101.40000	2.49243	326.37990	906.62990	1.51050	2033.25500
1.541	-4.888	318.08300	1239.70129	528.78207	378.99510	101.40000	2.49401	326.95000	906.60990	1.51382	2033.25500
1.541	-4.377	318.03470	1239.53052	528.70806	378.99850	101.40000	2.49357	326.89990	906.60990	1.51018	2033.25500
1.541	-3.865	317.95630	1239.53696	528.69580	378.96480	101.40000	2.49359	326.81980	906.60990	1.51400	2033.25500
1.541	-3.358	317.82200	1238.71281	528.35899	378.98560	101.40000	2.49215	326.67990	906.59990	1.51887	2033.25500
1.541	-2.843	317.41550	1237.48225	527.81679	378.95650	101.40000	2.48951	326.25980	906.58980	1.51647	2033.25500
1.541	-2.329	317.02780	1236.26173	527.28181	378.92290	101.40000	2.48711	325.85990	906.57980	1.52179	2033.25500
1.541	-1.818	317.47490	1237.13947	527.69852	378.99240	101.40000	2.48930	326.31980	906.55980	1.52853	2033.22000
1.541	-1.301	317.89790	1239.24397	528.57330	378.95460	101.40000	2.49333	326.75980	906.54980	1.52596	2033.22000
1.541	-.790	318.25680	1240.25722	529.02473	378.99630	101.40000	2.49535	327.12990	906.54980	1.52088	2033.22000
1.541	-.282	317.90040	1238.65593	528.35197	379.01320	101.40000	2.49224	326.75980	906.54980	1.52282	2033.25500
1.541	.210	317.55100	1237.82082	527.97024	378.96920	101.40000	2.49033	326.39990	906.52980	1.51993	2033.22000
1.541	.713	317.67430	1238.88237	528.39528	378.91280	101.40000	2.49237	326.52980	906.52980	1.52249	2033.22000
1.541	1.205	318.01590	1239.32355	528.62635	379.00490	101.40000	2.49330	326.87990	906.50000	1.51428	2033.22000
GRADIENT										.00123	-.00680
										-.00006	-.01163
										-.00006	-.01770

(VCM055) ( 04 OCT 91 )

## PARAMETRIC DATA

BETA = 3.000 PHI = 180.000

RUN NO. 1581/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	P	PT	Q(PSF)	T(R)	TT(F)	RN/L	PC	PREF	SH10+3	PATM
.600	-6.892	1252.55400	1597.28999	315.35110	522.48580	100.40000	2.49628	1262.31000	1306.77000	.99074	2034.34000
.599	-6.376	1252.73000	1597.14999	315.08910	522.51900	100.40000	2.49521	1262.48000	1306.77000	.98822	2034.34000
.600	-5.870	1252.90601	1597.48000	315.22220	522.51000	100.40000	2.49597	1262.66000	1306.80000	.98542	2034.30499
.600	-5.357	1252.05200	1596.99001	315.51030	522.45410	100.40000	2.49660	1261.81000	1306.83000	.94750	2034.30499
.599	-4.847	1253.00000	1597.37000	315.05300	522.62480	100.50000	2.49470	1262.75000	1306.82001	.94478	2034.30499
.600	-4.334	1252.39101	1596.84000	315.10690	522.60180	100.50000	2.49444	1262.14000	1306.84000	.94260	2034.27000
.600	-3.827	1252.28000	1597.31000	315.59330	522.54440	100.50000	2.49661	1262.03999	1306.86000	.94481	2034.27000
.600	-3.307	1252.57800	1597.13000	315.19730	522.59690	100.50000	2.49502	1262.33000	1306.86000	.94243	2034.23500
.600	-2.794	1251.66000	1596.80000	315.67260	522.51830	100.50000	2.49646	1261.42000	1306.88000	.94013	2034.27000
.600	-2.279	1251.65900	1596.84000	315.70680	522.51440	100.50000	2.49662	1261.42000	1306.89000	.94011	2034.30499
.600	-1.762	1252.00999	1597.53999	316.00680	522.49100	100.50000	2.49830	1261.78000	1306.91000	.97046	2034.27000
.600	-1.250	1251.88600	1596.67999	315.38620	522.55640	100.50000	2.49532	1261.64000	1306.91000	.97046	2034.27000
.600	-.737	1251.78900	1596.95000	315.69240	522.51980	100.50000	2.49666	1261.55000	1306.92000	.97542	2034.30499
.600	-.232	1251.98801	1597.17000	315.71460	522.52290	100.50000	2.49693	1261.75000	1306.95000	.98044	2034.27000
.600	.766	1252.01801	1597.21001	315.63570	522.52980	100.50000	2.49651	1261.67999	1306.94000	.98312	2034.27000
.600	1.258	1251.70100	1596.83000	315.72390	522.52270	100.50000	2.49700	1261.78000	1306.97000	.94737	2034.27000
GRADIENT		-.13373	-.02515	.08852	-.01358	.00000	.00030	-.13216	.02413	.00427	.00150

RUN NO. 1472/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	P	PT	Q(PSF)	T(R)	TT(F)	RN/L	PC	PREF	SH10+3	PATM
.800	-6.927	880.04000	1341.14999	394.01320	496.63940	100.50000	2.49585	889.93990	1047.39000	1.52352	2038.43500
.800	-6.405	879.86910	1341.09000	394.08520	496.61820	100.50000	2.49597	889.76980	1047.44000	1.51576	2038.43500
.800	-5.903	879.85820	1341.17000	394.15190	496.60820	100.50000	2.49623	889.76000	1047.47000	1.51176	2038.43500
.800	-5.395	879.64840	1341.02000	394.18360	496.59010	100.50000	2.49615	889.54980	1047.52000	1.50804	2038.43500
.800	-4.889	879.57690	1341.07001	394.26930	496.66190	100.60000	2.49586	889.48000	1047.53999	1.50798	2038.43500
.800	-4.380	880.02340	1340.92000	393.85420	496.66110	100.50000	2.49517	889.91990	1047.57001	1.50815	2038.43500
.800	-3.871	879.54030	1340.82001	394.10890	496.68260	100.60000	2.49527	889.43990	1047.60001	1.50826	2038.43500
.800	-3.364	879.90990	1341.07001	394.04250	496.71560	100.60000	2.49527	889.80980	1047.62000	1.50022	2038.39999
.800	-2.854	879.61820	1340.98000	394.17410	496.67820	100.60000	2.49551	889.51980	1047.64999	1.50420	2038.39999
.800	-2.345	879.90040	1341.03000	394.01950	496.71830	100.60000	2.49516	889.79980	1047.69000	1.50803	2038.39999
.800	-1.832	879.72850	1341.07001	394.16630	496.68630	100.60000	2.49559	889.62990	1047.70000	1.48864	2038.39999
.800	-1.323	879.76950	1341.00999	394.09370	496.69950	100.60000	2.49534	889.66990	1047.70000	1.48104	2038.39999
.800	-.812	879.75930	1341.02000	394.10820	496.69680	100.60000	2.49538	889.65990	1047.75999	1.47720	2038.43500
.800	-.308	879.70140	1340.83000	394.00660	496.70750	100.60000	2.49491	889.59990	1047.78000	1.48124	2038.43500
.800	.181	879.68900	1340.98000	394.12620	496.68950	100.60000	2.49539	889.58980	1047.80000	1.46963	2038.43500
.800	.689	879.78760	1341.14000	394.17750	496.68850	100.60000	2.49569	889.68990	1047.84000	1.46188	2038.43500
.800	1.185	879.96140	1341.00000	393.95560	496.73140	100.60000	2.49496	889.85990	1047.84000	1.44698	2038.47000
GRADIENT		.01344	.00712	-.00390	.00623	.00543	-.00003	.01345	.05081	-.00963	.00408

IA310 (AEDC 16TF-783) PROBE CALIBRATION

( VCM055 ) ( 04 OCT 91 )

PARAMETRIC DATA

RUN NO. 1506/ O    RN/L =    2.50    GRADIENT INTERVAL = -5.00/ 5.00  
 BETA =    3.000    PHI =    180.000

MACH	ALPHA	P	PT	Q(PSF)	T(R)	TT(F)	RN/L	PC	PREF	SH10+3	PATM
.899	-6.916	753.04570	1272.85001	426.44140	482.41650	100.80000	2.49352	763.04980	980.08980	4.82495	2036.44000
.900	-6.396	752.71070	1273.05000	426.77860	482.24730	100.70000	2.49509	762.72000	980.08980	4.48280	2036.44000
.900	-5.892	752.86210	1273.02000	426.66770	482.19240	100.60000	2.49538	762.86990	980.12990	4.40895	2036.44000
.900	-5.389	752.83010	1273.16000	426.78320	482.08520	100.50000	2.49638	762.83980	980.11990	3.98773	2036.44000
.900	-4.879	752.40010	1272.89999	426.86010	481.94850	100.40000	2.49681	762.40990	980.11990	3.87528	2036.44000
.900	-4.369	752.47780	1273.13000	426.97220	481.93800	100.40000	2.49733	762.49000	980.14990	3.85599	2036.47501
.900	-3.863	752.73320	1272.89000	426.65530	481.92460	100.30000	2.49692	762.74000	980.14990	3.90335	2036.47501
.900	-2.841	752.70290	1272.88000	426.72900	481.91020	100.30000	2.49718	762.71000	980.17990	4.20392	2036.44000
.900	-2.331	752.63160	1272.92999	426.74290	481.72950	100.20000	2.49751	762.71000	980.15990	4.27503	2036.47501
.900	-1.818	752.53000	1272.91000	426.84470	481.70460	100.10000	2.49861	762.53980	980.20000	4.12445	2036.44000
.900	-1.308	752.70070	1273.03000	426.77080	481.73140	100.10000	2.49850	762.71000	980.18990	4.14402	2036.47501
.900	-.801	752.64840	1273.19000	426.91190	481.70460	100.10000	2.49900	762.65990	980.22000	4.13347	2036.44000
.900	-.294	752.47070	1272.91000	426.82500	481.61620	100.00000	2.49905	762.48000	980.22000	4.09502	2036.40500
.900	.197	752.75320	1272.91000	426.65720	481.66800	100.00000	2.49868	762.76000	980.23000	4.03661	2036.44000
.900	.703	752.56100	1272.95000	426.79880	481.71440	100.10000	2.49846	762.56980	980.23000	3.96931	2036.44000
.900	1.196	752.85210	1273.03999	426.68750	481.75810	100.10000	2.49833	762.85990	980.23000	3.87485	2036.44000
GRADIENT		.02669	.00608	-.01170	-.04808	-.06078	.00033	.02651	.01756	.00572	-.00532

RUN NO. 1512/ O    RN/L =    2.50    GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	P	PT	Q(PSF)	T(R)	TT(F)	RN/L	PC	PREF	SH10+3	PATM
1.099	-6.970	565.43410	1205.87000	478.10280	450.44800	99.59999	2.50091	575.61990	911.78980	1.43548	2036.02000
1.099	-6.460	565.22140	1206.03000	478.28000	450.38260	99.59999	2.50138	575.40990	911.77980	1.43154	2036.02000
1.100	-5.957	564.95950	1206.17000	478.46510	450.30810	99.59999	2.50183	575.14990	911.78980	1.42391	2036.02000
1.100	-5.457	564.72140	1205.91000	478.40770	450.28150	99.59999	2.50134	574.90990	911.78980	1.41309	2036.02000
1.100	-4.955	564.73220	1205.84000	478.36280	450.29150	99.59999	2.50118	574.91990	911.80980	.00000	2035.98500
1.100	-4.453	564.74240	1205.83000	478.35300	450.29490	99.59999	2.50115	574.92990	911.81980	1.37304	2036.02000
1.100	-3.953	565.08280	1205.89000	478.25340	450.36600	99.59999	2.50113	575.26980	911.79980	1.39839	2035.98500
1.100	-3.447	564.78120	1205.94000	478.40160	450.29200	99.59999	2.50138	574.97000	911.80980	1.39467	2035.98500
1.100	-2.945	564.82250	1205.84000	478.32710	450.31200	99.59999	2.50113	575.01000	911.83980	1.39479	2035.98500
1.100	-2.439	565.02080	1206.05000	478.37080	450.49580	99.80000	2.50036	575.21000	911.83980	1.39455	2035.98500
1.100	-1.939	564.63990	1206.03000	478.50980	450.33060	99.70000	2.50107	574.82980	911.84990	1.39457	2035.98500
1.100	-1.436	564.81230	1205.87000	478.34860	450.46750	99.80000	2.50004	575.00000	911.84990	1.39841	2035.98500
1.100	-.934	564.75120	1205.95000	478.41940	450.44510	99.80000	2.50025	574.93990	911.83980	1.40199	2035.98500
1.100	-.441	564.93070	1206.05000	478.40650	450.63650	100.00000	2.49923	575.11990	911.83980	1.40554	2035.98500
1.100	.057	564.84030	1206.05000	478.44210	450.61570	100.00000	2.49927	575.02980	911.83980	1.40554	2035.98500
1.100	.567	564.97000	1206.11000	478.42580	450.63890	100.00000	2.49935	575.15990	911.86990	1.36912	2036.02000
1.100	1.063	565.05030	1206.07001	478.37060	450.58110	99.89999	2.49980	575.24000	911.86990	1.40921	2036.02000
GRADIENT		.02376	.04150	.01471	.06271	.07666	-.00036	.02416	.00953	.09335	-.00226

## IA310 (AEDC 16TF-783) PROBE CALIBRATION

(VCM055) ( 04 OCT 91 )

## PARAMETRIC DATA

BETA = 3.000 PHI = 180.000

RUN NO. 1528/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	P	PT	Q(PSF)	T(R)	TT(F)	RN/L	PC	PREF	SH10+3	PATM
1.250	-6.939	462.89940	1198.36000	505.95070	426.94170	100.60000	2.49733	473.02980	864.28980	1.20134	2035.67000
1.250	-6.420	462.61330	1197.95000	505.80570	426.90800	100.60000	2.49646	472.74000	864.29980	1.20175	2035.67000
1.250	-5.915	462.43460	1197.80000	505.76860	426.87620	100.60000	2.49613	472.55980	864.30980	1.20190	2035.67000
1.250	-5.409	462.52660	1197.50999	505.60160	426.92990	100.60000	2.49556	472.64990	864.29980	1.20220	2035.70500
1.250	-4.902	462.76810	1198.64000	506.12130	426.80250	100.50000	2.49847	472.89990	864.27980	1.20745	2035.67000
1.250	-4.394	462.50590	1197.59000	505.64650	426.84010	100.50000	2.49630	472.62990	864.27980	1.20851	2035.67000
1.250	-3.887	462.40600	1197.62000	505.68380	426.73460	100.40000	2.49694	472.52980	864.27980	1.21169	2035.70500
1.250	-3.383	462.64820	1198.66000	506.15770	426.69260	100.40000	2.49909	472.77980	864.28980	1.22354	2035.67000
1.250	-2.875	462.55980	1198.47000	506.08080	426.68850	100.40000	2.49869	472.68990	864.26000	1.22698	2035.70500
1.250	-2.361	462.58470	1197.72000	505.69510	426.69530	100.30000	2.49775	472.71000	864.25000	1.23100	2035.67000
1.250	-1.858	462.35420	1197.92000	505.84690	426.61430	100.30000	2.49813	472.48000	864.25000	1.22754	2035.70500
1.250	-1.350	462.48290	1198.00999	505.86450	426.56270	100.20000	2.49892	472.60990	864.24000	1.22745	2035.70500
1.250	-.843	462.51490	1197.73000	505.71560	426.59960	100.20000	2.49835	472.63990	864.23000	1.20198	2035.67000
1.250	-.340	462.55180	1198.19000	505.94070	426.56250	100.20000	2.49929	472.67990	864.24000	1.20470	2035.67000
1.250	.150	462.69870	1198.56000	506.09590	426.48750	100.10000	2.50065	472.82980	864.20000	1.20114	2035.70500
1.250	.659	462.60380	1197.86000	505.76220	426.53370	100.10000	2.49922	472.73000	864.18990	1.22112	2035.67000
1.250	1.155	462.49490	1197.74001	505.72510	426.51710	100.10000	2.49896	472.61990	864.18990	1.22124	2035.70500
GRADIENT		-.00509	-.03162	-.01490	-.05366	-.07287	.00036	-.00530	-.01619	-.00007	.00185

RUN NO. 1545/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	P	PT	Q(PSF)	T(R)	TT(F)	RN/L	PC	PREF	SH10+3	PATM
1.400	-6.942	381.82670	1214.53999	523.63130	402.11250	100.00000	2.49791	391.52980	880.95000	1.18531	2035.17999
1.400	-6.424	381.75560	1214.85001	523.76830	401.99000	99.89999	2.49902	391.46000	880.96000	1.18186	2035.17999
1.400	-5.921	381.79420	1215.02000	523.84200	402.20090	100.20000	2.49758	391.50000	880.95000	1.18484	2035.17999
1.400	-5.413	381.78610	1214.67999	523.69340	402.23070	100.20000	2.49695	391.49000	880.93990	1.18517	2035.14500
1.400	-4.913	381.99070	1215.21001	523.92110	402.24220	100.20000	2.49807	391.70000	880.93990	1.18465	2035.14500
1.400	-4.405	381.85400	1214.92999	523.80150	402.22750	100.20000	2.49746	391.55980	880.95000	1.18179	2035.14500
1.400	-3.900	381.82350	1215.08000	523.86770	401.98850	99.89999	2.49949	391.52980	880.96000	1.17851	2035.17999
1.400	-3.392	381.75390	1215.12000	523.88650	401.96390	99.89999	2.49951	391.46000	880.95000	1.17534	2035.14500
1.399	2.885	382.07400	1214.53999	523.62620	402.11500	99.89999	2.49869	391.77980	880.92990	1.17279	2035.14500
1.400	-2.377	381.76220	1215.42000	524.01760	402.15360	100.20000	2.49828	391.47000	880.92990	1.17194	2035.14500
1.399	-1.869	381.98410	1214.69000	523.69380	402.21750	100.10000	2.49771	391.68990	880.92990	1.17576	2035.11000
1.400	-1.363	382.02120	1215.09000	523.86820	402.04710	99.89999	2.49966	391.73000	880.91990	1.17537	2035.14500
1.399	-.857	382.12110	1214.92999	523.79590	402.23610	100.10000	2.49825	391.82980	880.91990	1.16310	2035.11000
1.400	-.353	381.71730	1214.64999	523.68160	402.14090	100.10000	2.49744	391.41990	880.91990	1.17893	2035.11000
1.400	.135	382.01000	1215.33000	523.97340	402.02100	99.89999	2.50008	391.72000	880.91990	1.17514	2035.14500
1.400	.643	381.85450	1214.85001	523.76660	402.16330	100.10000	2.49791	391.55980	880.88990	1.17561	2035.14500
1.400	1.141	381.93430	1214.73000	523.71220	402.19870	100.10000	2.49775	391.63990	880.88990	1.17260	2035.14500
GRADIENT		.00713	-.03536	-.01560	.00234	-.00436	-.00003	.00698	-.00894	-.00133	-.00348

IA310 (AEDC 16TF-783) TABULATED DATA

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(VCM055) ( 04 OCT 91 )

PARAMETRIC DATA

BETA = 3.000 PHI = 180.000

RUN NO. 1562/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	P	PT	Q(PSF)	T(R)	TT(F)	RN/L	PC	PREF	SH10+3	PATM
1.450	-6.892	358.79320	1226.42999	528.35210	394.21070	100.40000	2.49749	368.26980	892.81980	1.41136	2035.28500
1.449	-6.374	359.22950	1225.92999	528.16650	394.32320	100.30000	2.49761	368.71000	892.81980	1.41563	2035.32001
1.450	-5.866	358.60960	1225.72000	528.04760	394.14790	100.30000	2.49666	368.07980	892.81980	1.43448	2035.28500
1.450	-5.361	359.05030	1226.28999	528.30710	394.23390	100.30000	2.49808	368.52980	892.80980	1.43756	2035.25000
1.450	-4.847	358.88670	1225.52000	527.97850	394.25340	100.30000	2.49657	368.35990	892.82980	1.40872	2035.28500
1.450	-4.339	358.78610	1225.89999	528.13130	394.18680	100.30000	2.49714	368.25980	892.78980	1.43427	2035.28500
1.450	-3.829	358.84330	1226.27000	528.28810	394.23970	100.30000	2.49785	368.31980	892.79980	1.43384	2035.28500
1.450	-3.316	358.87620	1225.63000	528.02370	394.23970	100.30000	2.49675	368.34990	892.79980	1.43834	2035.32001
1.450	-2.801	358.66770	1225.89999	528.12520	394.22000	100.40000	2.49643	368.13990	892.80980	1.43802	2035.35500
1.450	-2.284	359.00070	1226.31000	528.31300	394.28690	100.40000	2.49747	368.48000	892.78980	1.44129	2035.28500
1.449	-1.772	359.20920	1226.07001	528.22360	394.30400	100.30000	2.49784	368.68990	892.79980	1.43407	2035.28500
1.450	-1.261	358.95240	1226.14999	528.24390	394.21610	100.30000	2.49774	368.42990	892.78980	1.43772	2035.32001
1.450	-0.751	358.76830	1225.53000	527.97680	394.21510	100.30000	2.49647	368.24000	892.76000	1.44221	2035.25000
1.449	-0.241	359.19920	1226.08000	528.22730	394.29980	100.30000	2.49785	368.67990	892.76980	1.44533	2035.28500
1.449	0.250	359.15060	1225.96001	528.17500	394.29570	100.30000	2.49759	368.62990	892.76000	1.44924	2035.25000
1.450	0.757	358.89500	1225.77000	528.08300	394.23290	100.30000	2.49701	368.36990	892.76000	1.44193	2035.25000
1.450	1.246	359.00050	1226.37000	528.33790	394.21090	100.30000	2.49817	368.48000	892.76000	1.44122	2035.21500
		.03871	.03935	.01837	.00626	-.00322	.00012	.03950	-.00992	.00347	-.01093

RUN NO. 1647/ O RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	P	PT	Q(PSF)	T(R)	TT(F)	RN/L	PC	PREF	SH10+3	PATM
1.470	-6.903	348.16670	1224.16879	526.70949	390.72170	101.00000	2.49358	357.50980	889.34990	1.32246	2031.08501
1.484	-6.386	347.87430	1248.40681	536.63646	390.67680	101.00000	2.49234	357.21000	889.35990	.00000	2031.08501
1.471	-5.881	347.74410	1223.61314	526.44814	390.59590	101.00000	2.49295	357.07980	889.34990	1.34357	2031.01500
1.471	-5.369	347.65650	1223.41624	526.36161	390.51540	100.90000	2.49312	356.99000	889.34990	1.34378	2031.01500
1.470	-4.862	348.14790	1223.63257	526.48917	390.66480	100.90000	2.49379	357.49000	889.35990	1.34016	2031.08501
1.471	-4.350	347.86430	1223.90575	526.57814	390.60570	100.90000	2.49289	357.20000	889.34990	1.30579	2031.05000
1.470	-3.845	347.94260	1223.92998	526.59462	390.69310	101.00000	2.49252	357.27980	889.35990	1.30915	2031.01500
1.470	-3.331	348.32400	1224.58339	526.89201	390.76560	101.00000	2.49387	357.66990	889.35990	1.30512	2031.01500
1.471	-2.817	347.81540	1223.78575	526.52554	390.66410	101.00000	2.49316	357.14990	889.35990	1.30928	2031.05000
1.471	-2.306	348.02810	1224.75827	526.93874	390.66260	101.00000	2.49371	357.36990	889.33980	1.29818	2031.01500
1.470	-1.791	348.11040	1224.05904	526.66113	390.75510	101.00000	2.49254	357.45000	889.33980	1.29895	2031.01500
1.471	-1.281	347.78760	1223.69768	526.48788	390.68700	101.00000	2.49153	357.11990	889.33980	1.29995	2031.01500
1.471	-0.769	347.98000	1224.64983	526.89137	390.66260	101.00000	2.49337	357.31980	889.30980	1.29879	2031.05000
1.471	-0.263	347.91280	1224.18689	526.69696	390.67720	101.00000	2.49261	357.25000	889.32980	1.29879	2031.05000
1.470	0.228	348.00200	1224.06322	526.65411	390.71850	101.00000	2.49246	357.33980	889.31980	1.29893	2030.98000
1.471	0.734	347.96170	1224.27176	526.73589	390.68580	101.00000	2.49280	357.29980	889.30980	1.29870	2030.98000
1.470	1.228	348.04910	1224.47304	526.82483	390.69020	101.00000	2.49334	357.38990	889.30980	1.30185	2030.98000
		-.01105	.07439	.02957	.00444	.01191	-.00008	-.01125	-.00890	-.00386	-.01173

(VCM055) ( 04 OCT 91 )

IA310 (AEDC 16TF-783) PROBE CALIBRATION

## PARAMETRIC DATA

BETA = 3.000 PHI = 180.000

RUN NO. 1597/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	P	PT	Q (PSF)	T(R)	TT(F)	RN/L	PC	PREF	SH10+3	PATM
1.493	-6.910	337.97290	1228.76447	527.55434	386.17990	100.30000	2.50096	347.17990	896.38990	1.45825	2033.60500
1.493	-6.393	338.09910	1228.77068	527.57224	386.18990	100.30000	2.50172	347.30980	896.34990	1.48076	2033.60500
1.493	-5.886	338.26710	1228.63412	527.53619	386.26880	100.30000	2.50144	347.48000	896.37990	1.47342	2033.60500
1.493	-5.381	338.10180	1228.22469	527.35518	386.25050	100.30000	2.50056	347.30980	896.37990	1.47389	2033.60500
1.493	-4.868	337.76220	1227.36710	526.97447	386.21950	100.30000	2.49864	346.96000	896.36990	1.47113	2033.60500
1.493	-4.363	337.70530	1226.75038	526.72303	386.24560	100.30000	2.49773	346.89990	896.36990	1.47940	2033.60500
1.494	-3.856	337.15770	1226.17555	526.43154	386.11910	100.30000	2.49609	346.33980	896.36990	1.47627	2033.60500
1.493	-3.344	337.20950	1225.67227	526.23696	386.18770	100.30000	2.49516	346.38990	896.33980	1.47312	2033.60500
1.493	-2.830	337.85600	1228.30829	527.35938	386.16580	100.30000	2.50036	347.05980	896.35990	1.47000	2033.60500
1.493	-2.316	338.14990	1228.66464	527.53513	386.31200	100.40000	2.50046	347.35990	896.34990	1.46212	2033.60500
1.493	-1.804	338.07100	1228.76505	527.56592	386.21290	100.30000	2.50106	347.27980	896.34990	1.45826	2033.57001
1.493	-1.292	338.11940	1228.77692	527.57649	386.28050	100.40000	2.50084	347.32980	896.35990	1.46947	2033.57001
1.493	-.784	337.90700	1227.89069	527.20013	386.28420	100.40000	2.49920	347.10990	896.33980	1.47427	2033.57001
1.493	-.279	337.64550	1226.99086	526.81161	386.27810	100.40000	2.49738	346.83980	896.32980	1.47534	2033.57001
1.493	.214	337.55030	1226.25389	526.50784	386.30740	100.40000	2.49612	346.74000	896.30980	1.47999	2033.57001
1.493	.720	337.28610	1226.08223	526.40893	386.24510	100.40000	2.49535	346.47000	896.32980	1.47263	2033.57001
1.493	1.213	337.85860	1227.79005	527.15335	386.28810	100.40000	2.49877	347.05980	896.30980	1.46688	2033.53500
GRADIENT		.01595	.03125	.01425	.01775	.02165	-.00007	.01637	-.00933	-.00024	-.01025

RUN NO. 1613/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	P	PT	Q (PSF)	T(R)	TT(F)	RN/L	PC	PREF	SH10+3	PATM
1.516	-6.909	327.46020	1231.08409	527.07410	383.17260	101.70000	2.48926	336.49000	905.48000	1.58556	2033.67500
1.517	-6.393	327.22680	1230.64711	526.86922	383.13650	101.70000	2.48817	336.25000	905.47000	1.58207	2033.67500
1.517	-5.885	327.07250	1229.90706	526.55891	383.14480	101.70000	2.48684	336.08980	905.47000	1.58704	2033.67500
1.516	-5.383	326.99540	1229.51770	526.39574	383.15330	101.70000	2.48609	336.00980	905.47000	1.58753	2033.67500
1.516	-4.870	327.01660	1229.25774	526.29813	383.12110	101.60000	2.48616	336.02980	905.47000	1.58386	2033.67500
1.517	-4.359	326.88890	1229.24174	526.27282	383.07300	101.60000	2.48610	335.89990	905.47000	1.58788	2033.64000
1.516	-3.852	326.93770	1229.24765	526.28208	383.08940	101.60000	2.48616	335.95000	905.47000	1.58788	2033.67500
1.517	-3.344	326.84720	1229.83102	526.49523	383.00560	101.60000	2.48706	335.85990	905.48000	1.58710	2033.64000
1.516	-2.829	327.27610	1230.51620	526.82566	383.09180	101.60000	2.48869	336.29980	905.47000	1.58627	2033.67500
1.517	-2.315	327.25420	1231.13715	527.06366	383.02830	101.60000	2.48973	336.27980	905.47000	1.58545	2033.60500
1.516	-1.806	327.75200	1231.66420	527.34322	383.14720	101.60000	2.49126	336.78980	905.46000	1.58887	2033.64000
1.517	-1.293	327.56270	1232.36250	527.58526	383.01930	101.60000	2.49225	336.59990	905.47000	1.58792	2033.60500
1.517	-.785	327.67770	1233.09805	527.88774	382.99800	101.60000	2.49353	336.72000	905.46000	1.58296	2033.64000
1.517	-.278	327.97880	1233.82631	528.21578	383.03610	101.60000	2.49509	337.02980	905.46000	1.58206	2033.67500
1.517	.215	327.66160	1232.16989	527.52589	383.07060	101.60000	2.49202	336.70000	905.47000	1.58819	2033.67500
1.516	.720	327.06590	1229.01877	526.21326	383.14920	101.60000	2.48601	336.07980	905.42990	1.59223	2033.64000
1.516	1.214	327.27660	1230.30127	526.74260	383.10620	101.60000	2.48842	336.29980	905.42990	1.59058	2033.67500
GRADIENT		.10709	.38378	.16511	.00113	-.00000	.00079	.11082	-.00565	.00047	-.00083

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(VCM055) ( 04 OCT 91 )

PARAMETRIC DATA

BETA = 3.000 PHI = 180.000

RUN NO. 1628/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	P	PT	Q(PSF)	T(R)	TT(F)	RN/L	PC	REF	SH10+3	PATM
1.541	-6.907	317.37790	1237.34473	527.75787	378.98710	101.40000	2.48864	326.22000	906.47000	1.49364	2033.22000
1.542	-6.393	317.50270	1239.00281	528.41087	378.96480	101.40000	2.49004	326.34990	906.47000	1.43190	2033.22000
1.542	-5.885	318.17020	1241.23036	529.37901	379.00220	101.40000	2.49456	327.03980	906.46000	1.42938	2033.25500
1.542	-5.377	317.87770	1240.96387	529.22307	378.92770	101.40000	2.49368	326.74000	906.47000	1.42600	2033.22000
1.542	-4.872	317.66500	1239.29393	528.54964	378.91990	101.40000	2.49216	326.51980	906.46000	1.48749	2033.22000
1.542	-4.359	317.67750	1239.33022	528.56772	378.99240	101.40000	2.49088	326.52980	906.46000	1.43521	2033.25500
1.542	-3.854	317.33720	1237.81276	527.92759	378.99240	101.40000	2.49088	326.17990	906.42990	1.49305	2033.22000
1.541	-3.342	317.36790	1237.39131	527.77394	378.97410	101.40000	2.48880	326.21000	906.41990	1.49739	2033.22000
1.541	-2.828	317.18410	1236.75432	527.49823	378.96580	101.40000	2.48752	326.01980	906.42990	1.49814	2033.22000
1.542	-2.316	317.09740	1237.21400	527.65696	378.97070	101.40000	2.48675	325.92990	906.41990	1.44130	2033.22000
1.542	-1.804	317.41530	1238.71330	528.28436	378.94970	101.40000	2.48964	326.25980	906.41990	1.43957	2033.18500
1.542	-1.294	317.88010	1240.08812	528.89205	378.99150	101.40000	2.49249	326.74000	906.39990	1.43802	2033.18500
1.542	-.785	318.15990	1241.29121	529.39991	378.98320	101.40000	2.49484	327.02980	906.40990	1.43664	2033.18500
1.542	-.279	317.75510	1239.87915	528.79085	379.00070	101.40000	2.49134	326.60990	906.39990	1.41270	2033.18500
1.542	.213	317.54200	1239.37457	528.55975	378.98510	101.40000	2.48996	326.38990	906.37990	1.40243	2033.18500
1.542	.721	317.39480	1239.34389	528.51960	378.92110	101.40000	2.49002	326.24000	906.37990	1.41327	2033.18500
1.542	1.214	317.56030	1239.53470	528.62262	378.95780	101.40000	2.49062	326.40990	906.34990	1.41670	2033.18500
GRADIENT		.02912	.29437	.11720	.00245	-.00000	.00018	.03008	-.01493	-.01382	-.00987

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(VCM056) ( 04 OCT 91 )

PARAMETRIC DATA

BETA = 4.000 PHI = 180.000

RUN NO. 1582/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	P	PT	Q(PSF)	T(R)	TT(F)	RN/L	PC	REF	SH10+3	PATM
599	-6.858	1252.62601	1596.75999	314.84620	522.63720	100.50000	2.49343	1262.37000	1307.02000	.95770	2034.30499
600	-5.832	1252.71700	1597.27000	315.20040	522.60030	100.50000	2.49515	1262.47000	1307.02000	.95235	2034.27000
599	-4.815	1252.01801	1596.22000	314.89180	522.61520	100.50000	2.49314	1261.75999	1307.02000	.96055	2034.23500
600	-3.790	1252.05200	1596.99001	315.51030	522.64060	100.60000	2.49547	1261.81000	1307.03000	.96009	2034.27000
600	-2.771	1252.26199	1597.21001	315.52370	522.64500	100.60000	2.49570	1262.02000	1307.03999	.96503	2034.27000
600	-1.750	1251.59300	1596.63000	315.58500	522.61940	100.60000	2.49543	1261.35001	1307.05000	.96539	2034.27000
601	-.733	1251.59100	1597.69000	316.47680	522.52030	100.60000	2.49956	1261.37000	1307.07001	.97497	2034.27000
600	.280	1251.92000	1597.03000	315.65280	522.62110	100.60000	2.49602	1261.67999	1307.06000	.97537	2034.23500
600	1.262	1251.77200	1596.78000	315.56370	522.62700	100.60000	2.49548	1261.53000	1307.07001	.97553	2034.27000
GRADIENT		-.05905	.07952	.11522	-.00456	.01060	.00042	-.05645	.00845	.00301	.00122



( VCM056 ) ( 04 OCT 91 )

IA310 (AEDC 16TF-783) PROBE CALIBRATION

PARAMETRIC DATA

BETA = 4.000 PHI = 180.000

RUN NO. 1473/ O RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	P	PT	Q(PSF)	T(R)	TT(F)	RN/L	PC	PREF	SH10+3	PATM
.800	-6.904	880.00710	1341.32001	394.16160	496.79350	100.70000	2.49528	889.90990	1047.96001	1.42802	2038.43500
.800	-5.875	879.88770	1341.17999	394.13890	496.78910	100.70000	2.49507	889.78980	1047.99001	1.43187	2038.43500
.800	-4.859	879.85210	1340.92000	393.97120	496.81080	100.70000	2.49434	889.75000	1048.03000	1.43959	2038.43500
.800	-3.846	879.53660	1341.05000	394.28170	496.74610	100.70000	2.49530	889.43990	1048.07001	1.43573	2038.43500
.800	-2.835	879.42700	1340.96001	394.28960	496.73800	100.70000	2.49522	889.32980	1048.07001	1.44328	2038.47000
.800	-1.818	879.94380	1340.83000	393.84180	496.83520	100.70000	2.49391	889.83980	1048.12000	1.44716	2038.47000
.800	-.812	879.55810	1340.97000	394.20780	496.75810	100.70000	2.49502	889.46000	1048.13000	1.44327	2038.43500
.800	.202	879.59590	1341.13000	394.30050	496.74730	100.70000	2.49543	889.50000	1048.14999	1.44309	2038.47000
.799	1.188	880.13670	1340.78999	393.68120	496.87060	100.70000	2.49344	890.02980	1048.17999	1.43973	2038.47000
GRADIENT	.03881	-.00768	-.003212	-.00709	-.00000	-.00000	-.00009	.03834	.02370	.00054	.00496

RUN NO. 1507/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	P	PT	Q(PSF)	T(R)	TT(F)	RN/L	PC	PREF	SH10+3	PATM
.900	-6.891	752.97220	1273.07001	426.63670	481.60450	99.89999	2.49941	762.98000	980.26980	3.70145	2036.44000
.900	-5.863	752.85230	1273.00999	426.66670	481.67530	100.00000	2.49882	762.85990	980.27980	3.65606	2036.44000
.900	-4.846	752.72090	1273.03999	426.76560	481.64790	100.00000	2.49907	762.73000	980.27980	3.63950	2036.44000
.900	-3.833	752.92360	1272.95000	426.58300	481.69480	100.00000	2.49856	762.92990	980.29980	3.64857	2036.44000
.900	-2.821	752.61990	1273.06000	426.83960	481.62720	100.00000	2.49926	762.62990	980.28980	3.64825	2036.44000
.900	-1.801	752.69340	1272.86000	426.65840	481.57620	99.89999	2.49920	762.70000	980.30980	3.75602	2036.44000
.900	-.793	752.50980	1273.00000	426.86350	481.44170	99.80000	2.50040	762.51980	980.30980	3.56989	2036.40500
.900	-.217	752.92160	1273.09000	426.68040	481.67920	100.00000	2.49895	762.92990	980.31980	3.53524	2036.40500
.900	1.202	752.73140	1273.00000	426.73170	481.65430	100.00000	2.49895	762.74000	980.32980	3.53549	2036.40500
GRADIENT	-.00297	.00349	.00414	-.00707	-.00717	-.00717	.00005	-.00287	.00743	-.02178	-.00743

RUN NO. 1513/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	P	PT	Q(PSF)	T(R)	TT(F)	RN/L	PC	PREF	SH10+3	PATM
1.099	-6.963	565.42110	1206.12000	478.25320	450.74070	100.00000	2.49916	575.60990	911.90990	.00000	2036.02000
1.100	-5.943	564.63920	1206.10001	478.55080	450.56470	100.00000	2.49948	574.82980	911.91990	.00000	2036.02000
1.100	-4.938	564.70000	1206.03000	478.48610	450.66650	100.10000	2.49871	574.88990	911.92990	1.36921	2036.02000
1.100	-3.933	564.73170	1205.91000	478.40380	450.68650	100.10000	2.49842	574.91990	911.92990	1.36935	2036.02000
1.100	-2.944	564.73000	1206.05000	478.48580	450.75170	100.20000	2.49816	574.91990	911.91990	1.38363	2036.02000
1.100	-1.930	564.93040	1206.06000	478.41240	450.79610	100.20000	2.49809	575.11990	911.93990	1.37999	2036.02000
1.100	-.922	564.98050	1206.05000	478.38670	450.80880	100.20000	2.49804	575.16990	911.92990	1.38363	2036.02000
1.100	.079	564.91260	1205.84000	478.29150	450.89620	100.30000	2.49701	575.09990	911.96000	1.38387	2036.02000
1.100	1.069	565.17140	1206.02000	478.29370	450.93600	100.30000	2.49730	575.35990	911.96000	1.38366	2036.02000
GRADIENT	.07220	-.00611	-.03213	.04577	.03561	.03561	-.00026	.07197	.00572	.00258	-.00001

(VCMO56) ( 04 OCT 91 )

IA310 (AEDC 16TF-783) PROBE CALIBRATION

PARAMETRIC DATA

BETA = 4.000 PHI = 180.000

RUN NO. 1529/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	P	PT	Q(PSF)	T(R)	TT(F)	RN/L	PC	PREF	SH10+3	PATM
1.250	-6.921	462.96870	1198.47000	505.99120	426.41530	99.89999	2.50168	473.09990	864.15990	1.21726	2035.70500
1.250	-5.887	462.51420	1197.85001	505.77660	426.51100	100.10000	2.49918	472.63990	864.14990	1.21790	2035.70500
1.250	-4.877	462.27470	1197.88000	505.84420	426.29250	99.89999	2.50039	472.37990	864.15990	1.19546	2035.67000
1.250	-3.862	462.25490	1197.84000	505.82810	426.36770	100.00000	2.49972	472.37990	864.14990	1.19868	2035.70500
1.250	-2.853	462.80150	1198.13000	505.85570	426.48220	100.00000	2.50038	472.92990	864.12990	1.20157	2035.70500
1.250	-1.843	462.56880	1198.59000	506.13960	426.29790	99.89999	2.50188	472.70000	864.12990	1.20430	2035.67000
1.250	-.837	462.29710	1197.50000	505.64670	426.41330	100.00000	2.49903	472.41990	864.11990	1.21825	2035.70500
1.250	.174	462.52660	1197.47000	505.58130	426.47680	100.00000	2.49900	472.64990	864.09990	1.21506	2035.70500
1.250	1.160	462.77950	1198.42000	506.00730	426.37060	99.89999	2.50156	472.90990	864.10990	1.21732	2035.67000
GRADIENT		.05504	.00860	-.00768	.01365	.00005	.00002	.05527	-.00925	.00408	-.00002

RUN NO. 1546/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	P	PT	Q(PSF)	T(R)	TT(F)	RN/L	PC	PREF	SH10+3	PATM
1.400	-6.928	382.00950	1215.39999	524.00390	402.15800	100.10000	2.49902	391.72000	880.84990	1.16885	2035.14500
1.400	-5.895	381.85420	1214.91000	523.79270	402.08570	100.00000	2.49861	391.55980	880.83980	1.16932	2035.11000
1.400	-4.882	381.78520	1214.89000	523.78540	401.99490	99.89999	2.49912	391.49000	880.83980	1.16934	2035.11000
1.400	-3.875	381.87160	1215.28000	523.95410	402.12790	100.10000	2.49870	391.57980	880.84990	1.19089	2035.11000
1.400	-2.864	381.89230	1215.14999	523.89700	402.21830	100.20000	2.49789	391.59990	880.84990	1.18157	2035.11000
1.400	-1.855	381.68700	1214.77000	523.73490	402.04860	100.00000	2.49823	391.38990	880.83980	1.17881	2035.07500
1.400	-.853	381.81370	1215.06000	523.85910	402.05930	100.00000	2.49885	391.51980	880.80980	1.17853	2035.07500
1.400	.157	381.89160	1215.27000	523.94950	402.06300	100.00000	2.49929	391.59990	880.82980	1.17520	2035.11000
1.400	1.146	381.47880	1214.82001	523.76070	401.98140	100.00000	2.49817	391.17990	880.81980	1.17563	2035.14500
GRADIENT		.03389	-.01128	-.00426	-.01165	-.00353	-.00002	-.03433	-.00499	-.00055	-.00245

RUN NO. 1563/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	P	PT	Q(PSF)	T(R)	TT(F)	RN/L	PC	PREF	SH10+3	PATM
1.449	-6.869	359.31640	1226.27000	528.31230	394.31910	100.30000	2.49829	368.79980	892.73000	1.44134	2035.25000
1.450	-5.830	359.03220	1225.96001	528.16890	394.25850	100.30000	2.49748	368.50980	892.72000	1.43795	2035.25000
1.450	-4.814	359.10060	1226.08000	528.22240	394.26900	100.30000	2.49775	368.57980	892.71000	1.43406	2035.21500
1.450	-3.794	359.07100	1226.07001	528.21680	394.26050	100.30000	2.49771	368.54980	892.72000	1.42660	2035.25000
1.450	-2.776	358.65770	1225.92000	528.13310	394.14450	100.30000	2.49705	368.12990	892.72000	1.42306	2035.25000
1.450	-1.752	358.96970	1226.60001	528.43190	394.18020	100.30000	2.49855	368.45000	892.71000	1.38557	2035.25000
1.450	-.738	358.89600	1225.60001	528.01220	394.24880	100.30000	2.49672	368.36990	892.72000	1.40128	2035.25000
1.450	.272	358.88550	1225.73000	528.06590	394.23360	100.30000	2.49694	368.35990	892.68990	1.40481	2035.25000
1.450	1.252	358.75510	1226.14999	528.23390	394.15410	100.30000	2.49755	368.23000	892.68990	1.40066	2035.25000
GRADIENT		-.04118	-.02804	-.01376	-.01034	.00000	-.00009	-.04188	-.00424	-.00585	.00371

## IA310 (AEDC 16TF-783) PROBE CALIBRATION

(VCM056) ( 04 OCT 91 )

## PARAMETRIC DATA

BETA = 4.000 PHI = 180.000

RUN NO. 1648/ O RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	P	PT	Q(PSF)	T(R)	TT(F)	RN/L	PC	PREF	SH10+3	PATM
1.470	-6.879	348.31270	1224.77052	526.96697	390.73850	101.00000	2.49431	357.65990	889.29980	1.30828	2030.98000
1.471	-5.845	347.89180	1224.22517	526.71024	390.64890	101.00000	2.49300	357.23000	889.27980	1.30882	2030.91000
1.471	-4.825	347.74660	1223.68253	526.47812	390.64480	101.00000	2.49204	357.07980	889.27980	1.31276	2030.91000
1.484	-3.808	348.05980	1248.71689	536.78087	390.71460	101.00000	2.49295	357.39990	889.28980	.00000	2030.91000
1.470	-2.795	347.97090	1224.04823	526.64445	390.67970	101.00000	2.49298	357.30980	889.29980	1.31578	2030.91000
1.470	-1.774	348.03000	1224.04655	526.64835	390.69950	101.00000	2.49302	357.36990	889.28980	1.31579	2030.91000
1.470	-.761	348.11040	1223.04890	526.24857	390.75150	101.00000	2.49261	357.45000	889.26980	1.35464	2030.84000
1.470	.249	347.85570	1222.75331	526.10795	390.69430	101.00000	2.49187	357.18990	889.26000	1.35494	2030.84000
1.470	1.237	348.02880	1223.56749	526.45268	390.67650	101.00000	2.49345	357.36990	889.26000	1.35405	2030.87500
	GRADIENT	.02045	-1.88132	-.77051	.00450	.00000	.00006	.02089	-.00526	.10143	-.01113

RUN NO. 1598/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	P	PT	Q(PSF)	T(R)	TT(F)	RN/L	PC	PREF	SH10+3	PATM
1.493	-6.884	337.77220	1227.45941	527.01254	386.29980	100.40000	2.49790	346.97000	896.28980	1.45980	2033.57001
1.493	-5.854	337.94600	1228.25285	527.34772	386.36060	100.50000	2.49875	347.14990	896.31980	1.45514	2033.57001
1.493	-4.840	337.85690	1227.85158	527.17846	386.32350	100.50000	2.49880	347.05980	896.29980	1.48564	2033.57001
1.493	-3.819	337.78710	1228.15022	527.28847	386.27860	100.50000	2.49914	346.99000	896.30980	1.48148	2033.53500
1.493	-2.807	337.78760	1228.15163	527.28996	386.28390	100.50000	2.49904	346.99000	896.30980	1.47771	2033.53500
1.493	-1.787	337.66190	1227.69737	527.09455	386.28300	100.50000	2.49813	346.85990	896.27980	1.47825	2033.53500
1.493	-.776	337.66530	1226.97336	526.80668	386.35520	100.50000	2.49677	346.85990	896.30980	1.47536	2033.57001
1.493	.235	337.69530	1226.98003	526.81229	386.38110	100.50000	2.49650	346.88990	896.26980	1.46410	2033.53500
1.493	1.224	337.41240	1226.44827	526.56889	386.32320	100.50000	2.49551	346.59990	896.26980	1.47220	2033.57001
	GRADIENT	-.05778	-.27254	-.11511	.00973	.00000	-.00061	-.06027	-.00600	-.00274	-.00121

RUN NO. 1614/ O RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	P	PT	Q(PSF)	T(R)	TT(F)	RN/L	PC	PREF	SH10+3	PATM
1.516	-6.883	326.64940	1227.80966	525.68143	383.11960	101.60000	2.48340	335.64990	905.39990	1.58972	2033.57001
1.516	-5.854	327.03660	1229.16266	526.26435	383.13650	101.60000	2.48602	336.04980	905.41990	1.58398	2033.60500
1.517	-4.835	327.21610	1230.89920	526.96561	383.04200	101.60000	2.48918	336.24000	905.42990	1.58174	2033.60500
1.516	-3.821	327.17070	1229.93829	526.58591	383.10740	101.60000	2.48759	336.18990	905.41990	1.58701	2033.60500
1.517	-2.808	326.94580	1229.78510	526.49222	382.98070	101.50000	2.48758	335.96000	905.40990	1.58316	2033.60500
1.516	-1.787	327.26660	1230.54515	526.83560	383.09670	101.60000	2.48853	336.28980	905.41990	1.57820	2033.60500
1.517	-.777	327.27290	1231.40327	527.16913	382.95310	101.50000	2.49060	336.29980	905.41990	1.57709	2033.60500
1.516	.234	327.87700	1232.54843	527.70460	383.13180	101.60000	2.49250	336.91990	905.41990	1.57169	2033.60500
1.517	1.222	327.89380	1233.25200	527.98028	383.07450	101.60000	2.49372	336.93990	905.41990	1.57079	2033.60500
	GRADIENT	.13311	.49016	.21016	.00419	-.00003	.00093	.13757	-.00071	-.00246	-.00001

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(VCM056) ( 04 OCT 91 )

PARAMETRIC DATA

BETA = 4.000 PHI = 180.000

RUN NO. 1629/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	P	PT	Q(PSF)	T(R)	TT(F)	RN/L	PC	PREF	SH10+3	PATM
1.542	-6.883	317.53320	1238.70651	528.30478	379.06960	101.50000	2.48898	326.37990	906.32980	1.43225	2033.14999
1.541	-5.851	317.52250	1238.11143	528.07526	379.04760	101.50000	2.48930	326.36990	906.33980	1.48513	2033.14999
1.541	-4.835	317.52270	1238.00491	528.03540	379.05200	101.50000	2.48922	326.36990	906.32980	1.48905	2033.14999
1.541	-3.823	317.52220	1238.10161	528.07162	379.03810	101.50000	2.48948	326.36990	906.30980	1.49273	2033.14999
1.541	-2.806	317.67680	1238.73425	528.34021	379.04150	101.50000	2.49063	326.52980	906.29980	1.48818	2033.11501
1.542	-1.788	317.61790	1238.71588	528.32211	379.01710	101.50000	2.49063	326.47000	906.30980	1.49199	2033.08000
1.541	-.777	317.66600	1238.84822	528.38058	379.01200	101.50000	2.49111	326.51980	906.28980	1.49946	2033.08000
1.541	-.238	317.73510	1238.69412	528.33598	379.05030	101.50000	2.49092	326.58980	906.28980	1.49966	2033.08000
1.541	1.221	317.90090	1238.85419	528.42840	379.09470	101.50000	2.49138	326.75980	906.26980	1.49950	2033.08000
	GRADIENT		.05463	.13598	.06177	-.00000	.00035	.05639	-.00813	.00199	-.01366

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(VCM057) ( 04 OCT 91 )

PARAMETRIC DATA

BETA = 4.000 PHI = 180.000

RUN NO. 1672/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	P	PT	Q(PSF)	T(R)	TT(F)	RN/L	PC	PREF	SH10+3	PATM
.599	-7.870	1252.45200	1596.85001	315.06540	522.04810	99.89999	2.49771	1262.20000	1301.09000	8.64464	2030.21001
.599	-6.844	1252.89200	1596.67000	314.55250	522.39750	100.00000	2.49399	1262.63000	1301.09000	8.56287	2030.21001
.600	-5.828	1251.95599	1596.73000	315.37080	522.09370	100.00000	2.49815	1261.71001	1301.07001	8.46417	2030.17500
.600	-4.806	1252.11000	1596.64999	315.17750	522.11960	100.00000	2.49738	1261.86000	1301.06000	8.35111	2030.17500
.600	-3.789	1251.82201	1596.86000	315.59080	522.06540	100.00000	2.49906	1261.58000	1301.08000	8.23788	2030.21001
.601	-2.768	1251.99800	1597.67999	316.13530	522.01000	100.00000	2.50173	1261.77000	1301.05000	8.10718	2030.21001
.601	-1.750	1251.30901	1597.09000	316.20410	521.98320	100.00000	2.50148	1261.08000	1301.08000	7.95458	2030.21001
.601	-.736	1251.06400	1596.67000	316.05220	521.99290	100.00000	2.50057	1260.83000	1301.06000	7.75832	2030.21001
.601	.277	1251.33000	1597.08000	316.17900	521.98630	100.00000	2.50138	1261.10001	1301.07001	7.60676	2030.24500
.600	1.258	1251.86000	1596.97000	315.65140	521.96660	99.89999	2.49995	1261.62000	1301.05000	7.44577	2030.21001
.600	2.239	1251.82001	1596.94000	315.65920	521.96460	99.89999	2.49995	1261.58000	1301.06000	7.31605	2030.21001
	GRADIENT		-.04918	.00444	-.01941	-.01409	.00024	-.04834	-.00129	-.15231	-.00416

( VCM057 ) ( 04 OCT 91 )

## IA310 (AEDC 16TF-783) PROBE CALIBRATION

## PARAMETRIC DATA

 BETA = 4.000 PHI = 180.000  
 RUN NO. 1748/ O RN/L = 2.51 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	P	PT	Q(PSF)	T(R)	TT(F)	RN/L	PC	REF	SH10+3	PATM
.800	-7.906	880.15310	1341.03000	393.84770	495.34030	99.00000	2.50390	890.04980	1045.30000	5.93086	2029.54500
.800	-6.883	880.16040	1341.20000	393.96830	495.23510	98.89999	2.50498	890.05980	1045.28999	5.97126	2029.64999
.799	-5.871	880.32590	1340.92999	393.65600	495.29000	98.89999	2.50387	890.22000	1045.28000	6.01209	2029.72000
.800	-4.856	879.72580	1341.21001	394.27120	495.16410	98.89999	2.50579	889.62990	1045.25999	6.08434	2029.78999
.800	-3.843	879.82350	1341.45000	394.38280	495.15450	98.89999	2.50635	889.73000	1045.24001	6.23279	2029.86000
.800	-2.830	879.83760	1341.17000	394.16550	495.18630	98.89999	2.50547	889.74000	1045.24001	6.43885	2029.92999
.800	-1.817	879.56450	1341.21001	394.38090	495.04960	98.80000	2.50665	889.47000	1045.22000	6.79830	2030.03500
.800	-.808	879.53960	1340.86000	394.13890	495.08250	98.80000	2.50563	889.43990	1045.21001	7.25023	2030.10500
.800	.201	879.52710	1341.00999	394.25850	494.97580	98.70000	2.50669	889.42990	1045.20000	7.60455	2030.14000
.800	1.186	879.69480	1340.62000	393.85600	495.04390	98.70000	2.50521	889.58980	1045.17999	7.86787	2030.21001
.800	2.172	879.81540	1340.64999	393.79610	495.14890	98.80000	2.50451	889.71000	1045.17000	8.12077	2030.21001
	GRADIENT	-.01175	-.10530	-.06991	-.01501	-.02731	-.00014	-.01327	-.01256	.31238	.06388

RUN NO. 1661/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	P	PT	Q(PSF)	T(R)	TT(F)	RN/L	PC	REF	SH10+3	PATM
.900	-7.899	752.55420	1272.69000	426.62400	481.91360	100.30000	2.49661	762.55980	982.56980	1.37423	2028.88000
.900	-6.870	753.08940	1273.33000	426.74540	481.94210	100.30000	2.49766	763.03990	982.59990	1.36282	2028.91499
.900	-5.859	752.97490	1272.89999	426.51830	481.96780	100.30000	2.49663	762.98000	982.64990	1.35617	2028.91499
.900	-4.845	752.98540	1272.85001	426.47750	482.06100	100.40000	2.49591	762.99000	982.70000	1.35269	2028.91499
.900	-3.830	753.15040	1273.28999	426.68160	482.04370	100.40000	2.49689	763.15990	982.74000	1.34165	2028.88000
.900	-2.815	752.54250	1272.84000	426.73440	481.89500	100.30000	2.49703	762.54980	982.78980	1.34917	2028.88000
.900	-1.801	752.48710	1273.19000	427.07060	481.93310	100.40000	2.49749	762.50000	982.82980	1.34176	2028.84500
.900	-.791	752.69170	1272.97000	426.73510	481.99440	100.40000	2.49662	762.70000	982.86990	1.34199	2028.88000
.900	.217	752.52080	1272.94000	426.81590	481.96630	100.40000	2.49676	762.52980	982.90990	1.33851	2028.91499
.900	1.202	752.89970	1273.23000	426.78980	482.00420	100.40000	2.49706	762.90390	982.95000	1.34523	2028.91499
.899	2.188	752.98190	1272.39000	426.16360	482.02420	100.30000	2.49523	762.98000	982.96000	1.33560	2028.88000
	GRADIENT	-.01396	-.04038	-.01942	-.00221	-.00469	-.00007	-.01444	-.03872	-.00158	.00079

RUN NO. 1740/ O RN/L = 2.51 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	P	PT	Q(PSF)	T(R)	TT(F)	RN/L	PC	REF	SH10+3	PATM
1.098	-7.920	566.11160	1206.25999	478.06130	449.91600	98.80000	2.50617	576.29980	911.92990	1.07277	2030.17500
1.100	-6.942	565.25240	1206.84000	478.73900	449.65920	98.80000	2.50791	575.45000	911.92990	1.06653	2030.17500
1.101	-5.939	564.47360	1206.56000	478.88350	449.43140	98.70000	2.50822	574.66990	911.90990	1.06678	2030.14000
1.101	-4.931	564.21850	1206.06000	478.69340	449.50710	98.80000	2.50660	574.40990	911.89990	1.06722	2030.14000
1.101	-3.931	564.35110	1205.86000	478.52490	449.47800	98.70000	2.50667	574.53980	911.86990	1.06454	2030.10500
1.100	-2.939	564.63010	1206.00999	478.50200	449.60600	98.80000	2.50630	574.81980	911.87990	1.06726	2030.10500
1.100	-1.922	564.69120	1205.94000	478.43730	449.62740	98.80000	2.50611	574.87990	911.86990	1.06447	2030.07001
1.100	-.925	564.81840	1206.20000	478.53810	449.62870	98.80000	2.50664	575.01000	911.85990	1.06424	2030.07001
1.100	.080	565.06370	1205.80000	478.20850	449.72710	98.80000	2.50561	575.25000	911.83980	1.09640	2030.07001
1.100	1.066	564.92090	1206.02000	478.39310	449.67110	98.80000	2.50618	575.10990	911.82980	1.09327	2030.03500
1.100	2.063	564.90060	1206.03999	478.41260	449.66430	98.80000	2.50624	575.08980	911.81980	1.08742	2030.03500
	GRADIENT	.10784	.00340	-.04059	.02896	.00596	-.00008	.10759	-.01062	.00443	-.01418

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(VCM057) ( 04 OCT 91 )

PARAMETRIC DATA

BETA = 4.000 PHI = 180.000

RUN NO. 1724/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	P	PT	Q(PSF)	T(R)	TT(F)	RN/L	PC	PREF	SH10+3	PATM
1.249	-7.925	463.02220	1197.89000	505.68530	426.94580	100.50000	2.49698	473.14990	856.23000	1.02659	2030.66499
1.250	-6.894	462.70260	1198.00000	505.81130	426.85030	100.50000	2.49716	472.82980	856.25000	1.02374	2030.70000
1.250	-5.883	462.53610	1197.56000	505.62480	426.77490	100.40000	2.49683	472.65990	856.28980	1.02411	2030.70000
1.250	-4.873	462.39360	1197.97000	505.86380	426.69560	100.40000	2.49765	472.51980	856.28980	1.02101	2030.70000
1.250	-3.862	462.33350	1198.03000	505.90750	426.67360	100.40000	2.49776	472.46000	856.29980	1.02371	2030.66499
1.250	-2.850	462.41500	1197.77000	505.75780	426.72170	100.40000	2.49725	472.53980	856.31980	1.02393	2030.73500
1.250	-1.841	462.51250	1198.07001	505.88820	426.71680	100.40000	2.49787	472.63990	856.32980	1.02368	2030.73500
1.250	-.836	462.55270	1198.03999	505.86450	426.73050	100.40000	2.49781	472.67990	856.35990	1.02095	2030.70000
1.250	.173	462.58180	1198.14999	505.91380	426.72710	100.40000	2.49804	472.71000	856.35990	1.01812	2030.73500
1.250	1.158	462.54130	1198.27000	505.98340	426.70410	100.40000	2.49828	472.66990	856.37990	1.01528	2030.73500
1.250	2.153	462.60300	1197.97000	505.81790	426.67460	100.30000	2.49826	472.73000	856.37990	1.01280	2030.77000
	GRADIENT	.03614	.02742	.00597	.00045	-.00826	.00011	.03645	.01401	-.00142	-.00955

RUN NO. 1716/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	P	PT	Q(PSF)	T(R)	TT(F)	RN/L	PC	PREF	SH10+3	PATM
1.400	-6.923	381.66530	1215.08000	523.87080	402.51560	100.70000	2.49463	391.36990	873.86990	1.15066	2031.01500
1.400	-5.895	381.93210	1215.11000	523.87870	402.59330	100.70000	2.49488	391.63990	873.86990	1.15369	2031.01500
1.400	-4.878	381.80180	1215.39999	524.00830	402.52640	100.70000	2.49531	391.50980	873.87990	1.15957	2031.05000
1.400	-3.872	381.88960	1215.59000	524.08940	402.53490	100.70000	2.49572	391.59990	873.84990	1.15939	2031.08501
1.400	-2.865	381.98270	1214.92000	523.79440	402.62650	100.70000	2.49457	391.68990	873.84990	1.16003	2031.08501
1.400	-1.852	381.85300	1215.10001	523.87570	402.57030	100.70000	2.49480	391.55980	873.83980	1.15677	2031.05000
1.399	-.851	382.03250	1214.87000	523.77150	402.64620	100.70000	2.49452	391.74000	873.83980	1.15699	2031.01500
1.400	-.157	382.07810	1215.45000	524.02440	402.60500	100.70000	2.49561	391.78980	873.80980	1.15031	2031.01500
1.400	1.145	381.83500	1214.82001	523.75370	402.59130	100.70000	2.49428	391.53980	873.80980	1.14785	2031.01500
1.400	2.133	381.68410	1215.22000	523.93160	402.50810	100.70000	2.49490	391.38990	873.79980	1.14747	2031.08501
	GRADIENT	-.00732	-.04459	-.01938	.00202	-.00000	-.00009	-.00756	-.01048	-.00203	-.00420

RUN NO. 1706/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	P	PT	Q(PSF)	T(R)	TT(F)	RN/L	PC	PREF	SH10+3	PATM
1.450	-7.874	359.03170	1226.02000	528.19380	394.53440	100.70000	2.49520	368.50980	884.10990	1.30505	2030.45500
1.450	-6.841	359.05100	1226.14000	528.24490	394.52950	100.70000	2.49543	368.52980	884.12990	1.30492	2030.45500
1.451	-5.831	358.47140	1225.77000	528.06100	394.38130	100.70000	2.49424	367.93990	884.14990	1.30189	2030.45500
1.450	-4.811	359.00170	1226.14000	528.24220	394.51390	100.70000	2.49539	368.48000	884.14990	1.29466	2030.45500
1.450	-3.790	358.73630	1225.96001	528.15380	394.44730	100.70000	2.49482	368.21000	884.16990	1.28467	2030.45500
1.450	-2.773	359.07130	1226.03000	528.20020	394.54590	100.70000	2.49526	368.54980	884.20000	1.28459	2030.45500
1.450	-1.750	358.74510	1226.16000	528.23750	394.43160	100.70000	2.49518	368.22000	884.20000	1.28108	2030.45500
1.450	-.740	358.96310	1225.96001	528.16550	394.51830	100.70000	2.49503	368.43990	884.18990	1.28129	2030.42000
1.450	.272	359.09180	1225.87000	528.13450	394.49660	100.60000	2.49559	368.56980	884.21000	1.28476	2030.38499
1.450	1.254	358.73460	1226.31000	528.29910	394.34420	100.60000	2.49603	368.21000	884.24000	1.27755	2030.38499
1.450	2.240	358.66720	1226.00999	528.17090	394.35060	100.60000	2.49544	368.13990	884.23000	1.28123	2030.38499
	GRADIENT	-.02422	.00176	-.00053	-.02020	-.01768	.00009	-.02457	-.01099	-.00152	-.01282

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(VCM057) ( 04 OCT 91 )

PARAMETRIC DATA

BETA = 4.000 PHI = 180.000

MACH	ALPHA	P	RUN NO.	1699/ O	RN/L =	2.50	T(R)	TT(F)	RN/L	PC	PREF	SH10+3	PATM
						GRADIENT INTERVAL =							
1.469	-7.887	348.04050	1221.69009	525.68787	390.15700	100.20000	390.15700	100.20000	2.49758	357.37990	887.51000	1.43467	2030.52499
1.469	-6.855	348.04910	1221.94727	525.79378	390.13620	100.20000	390.13620	100.20000	2.49803	357.38990	887.51000	1.43436	2030.56000
1.470	-5.841	347.76420	1221.89011	525.74747	390.04760	100.20000	390.04760	100.20000	2.49768	357.09990	887.51980	1.43440	2030.56000
1.469	-4.822	347.93360	1221.55362	525.62373	390.14720	100.20000	390.14720	100.20000	2.49699	357.26980	887.51980	1.42751	2030.56000
1.469	-3.808	347.96170	1221.79202	525.72319	390.12820	100.20000	390.12820	100.20000	2.49756	357.29980	887.52980	1.43088	2030.59500
1.469	-2.789	347.96170	1221.84224	525.74395	390.13010	100.20000	390.13010	100.20000	2.49753	357.29980	887.52980	1.42718	2030.63000
1.469	-1.769	348.01030	1221.98508	525.80607	390.13280	100.20000	390.13280	100.20000	2.49782	357.34990	887.52980	1.42701	2030.63000
1.469	-1.761	347.87280	1221.84239	525.73634	390.09420	100.20000	390.09420	100.20000	2.49757	357.21000	887.51000	1.43081	2030.59500
1.469	.249	347.94290	1221.61270	525.64862	390.13840	100.20000	390.13840	100.20000	2.49723	357.27980	887.52980	1.43109	2030.66499
1.469	1.232	347.90090	1222.07106	525.83164	390.07620	100.20000	390.07620	100.20000	2.49812	357.24000	887.51000	1.43420	2030.66499
1.469	2.221	348.10840	1221.97401	525.80913	390.15990	100.20000	390.15990	100.20000	2.49801	357.45000	887.51000	1.43068	2030.63000
	GRADIENT	.00848	.04139	.01751	.00221	.00000	.00221	.00000	.00010	.00892	.00221	.00064	.01076

RUN NO. 1692/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	P	RUN NO.	1692/ O	RN/L =	2.50	T(R)	TT(F)	RN/L	PC	PREF	SH10+3	PATM
						GRADIENT INTERVAL =							
1.497	-7.845	337.72410	1233.62323	529.45270	386.09770	100.10000	386.09770	100.10000	2.49925	346.91990	910.56980	1.05259	2030.24500
1.497	-6.858	337.40060	1233.37646	529.31543	386.00540	100.10000	386.00540	100.10000	2.49862	346.58980	910.58980	1.05554	2030.21001
1.497	-5.849	337.53810	1233.53345	529.39478	386.05030	100.10000	386.05030	100.10000	2.49878	346.73000	910.57980	1.04710	2030.24500
1.497	-4.833	337.26370	1233.27094	529.25716	385.97220	100.10000	385.97220	100.10000	2.49824	346.45000	910.59990	1.05283	2030.24500
1.497	-3.821	337.41060	1233.36865	529.31361	386.00950	100.10000	386.00950	100.10000	2.49861	346.59990	910.57980	1.05555	2030.28000
1.497	-2.796	337.48900	1233.30380	529.29726	386.03420	100.10000	386.03420	100.10000	2.49872	346.67990	910.57980	1.06120	2030.28000
1.497	-1.783	337.38210	1233.98254	529.20110	386.01710	100.10000	386.01710	100.10000	2.49826	346.56980	910.58980	1.06137	2030.28000
1.496	-.774	337.73610	1232.98711	529.20202	386.14430	100.10000	386.14430	100.10000	2.49845	346.92990	910.58980	1.06432	2030.28000
1.497	.235	337.49000	1233.02295	529.18576	386.05220	100.10000	386.05220	100.10000	2.49838	346.67990	910.57980	1.06706	2030.28000
1.496	1.217	337.58890	1232.76859	529.09713	386.10160	100.10000	386.10160	100.10000	2.49817	346.77980	910.56980	1.07294	2030.28000
1.497	2.207	337.45120	1232.78252	529.08591	386.05300	100.10000	386.05300	100.10000	2.49808	346.63990	910.56980	1.07291	2030.24500
	GRADIENT	.03044	-.08706	.03088	.01433	.00000	.01433	.00000	-.00005	.03078	-.00308	.00293	.00003

RUN NO. 1687/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	P	RUN NO.	1687/ O	RN/L =	2.50	T(R)	TT(F)	RN/L	PC	PREF	SH10+3	PATM
						GRADIENT INTERVAL =							
1.521	-7.847	327.31180	1238.02438	529.72861	382.34330	100.60000	382.34330	100.60000	2.49618	336.33980	911.67990	1.12440	2030.03500
1.520	-6.866	327.29470	1237.51614	529.53006	382.32280	100.50000	382.32280	100.50000	2.49574	336.31980	911.66990	1.11898	2030.03500
1.521	-5.849	327.18580	1237.82539	529.63262	382.26100	100.50000	382.26100	100.50000	2.49608	336.21000	911.67990	1.11575	2030.07001
1.520	-4.830	327.26640	1237.33968	529.45691	382.34060	100.50000	382.34060	100.50000	2.49519	336.28980	911.66990	1.11036	2030.07001
1.521	-3.814	327.25540	1237.77591	529.62361	382.30860	100.50000	382.30860	100.50000	2.49571	336.27980	911.67990	1.10124	2030.07001
1.521	-2.803	327.23540	1238.05756	529.72938	382.29150	100.50000	382.29150	100.50000	2.49588	336.25980	911.68990	1.08946	2030.10500
1.521	-1.785	327.13790	1237.68000	529.62361	382.27560	100.50000	382.27560	100.50000	2.49544	336.15990	911.65990	1.08963	2030.10500
1.520	-.777	327.53050	1237.77515	529.66637	382.41550	100.50000	382.41550	100.50000	2.49577	336.55980	911.66990	1.09262	2030.10500
1.520	.237	327.39360	1237.62698	529.58752	382.44600	100.60000	382.44600	100.60000	2.49485	336.41990	911.65990	1.09562	2030.07001
1.520	1.220	327.22680	1237.54524	529.53046	382.38400	100.60000	382.38400	100.60000	2.49476	336.25000	911.65990	1.10435	2030.10500
1.520	2.207	327.27540	1237.59081	529.55486	382.39700	100.60000	382.39700	100.60000	2.49488	336.29980	911.63990	1.10431	2030.10500
	GRADIENT	.00941	-.00892	.00199	.01628	.01772	.01628	.01772	-.00011	.00958	-.00461	-.00008	.00373

IA310 (AEDC 16TF-783) PROBE CALIBRATION (VCM057) ( 04 OCT 91 )

PARAMETRIC DATA

BETA = 4.000 PHI = 180.000

RUN NO. 1680/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	P	PT	Q(PSF)	T(R)	TT(F)	RN/L	PC	PREF	SH10+3	PATM
1.541	-7.888	318.45260	1240.59627	529.19595	379.04050	101.00000	2.49331	327.31980	912.07980	1.31726	2029.82500
1.543	-6.862	317.74340	1241.91087	529.55986	378.67920	101.00000	2.49461	326.59990	912.04980	1.31235	2029.82500
1.542	-5.847	318.38940	1241.89226	529.67484	378.90330	101.00000	2.49542	327.25980	912.05980	1.31585	2029.86000
1.545	-4.831	316.75680	1241.40048	529.17812	378.38160	101.00000	2.49251	325.58980	912.06980	1.30938	2029.82500
1.544	-3.819	317.12060	1240.84569	529.03851	378.54960	101.00000	2.49218	325.96000	912.10990	1.31681	2029.82500
1.543	-2.800	317.48320	1241.13727	529.21887	378.68800	101.00000	2.49240	326.32980	912.13990	1.28962	2029.86000
1.543	-1.781	317.54100	1241.42149	529.33694	378.69210	101.00000	2.49277	326.38990	912.14990	1.28267	2029.82500
1.543	-.775	317.83470	1241.69885	529.49822	378.79300	101.00000	2.49316	326.68990	912.14990	1.26592	2029.86000
1.543	.234	317.64770	1241.94933	529.55754	378.63770	100.90000	2.49396	326.50000	912.14990	1.26564	2029.82500
1.543	1.217	317.74610	1241.96338	529.58225	378.67970	100.90000	2.49393	326.59990	912.16990	1.25909	2029.86000
1.543	2.207	317.56960	1242.08946	529.59622	378.61110	100.90000	2.49385	326.41990	912.17990	1.25568	2029.89500
GRADIENT		.11404	.15522	.08077	.02629	-.01772	.00028	.11661	.01303	-.00892	.00701

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(VCM058) ( 04 OCT 91 )

PARAMETRIC DATA

ALPHA = -8.000 PHI = 180.000

RUN NO. 1673/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	P	PT	Q(PSF)	T(R)	TT(F)	RN/L	PC	PREF	SH10+3	PATM
.600	-3.745	1252.19000	1597.21001	315.58250	522.26340	100.20000	2.49819	1261.95000	1301.05000	6.81549	2030.21001
.600	-2.728	1252.22600	1596.97000	315.35130	522.10350	100.00000	2.49828	1261.98000	1301.03999	6.78970	2030.21001
.600	-1.724	1252.26801	1596.92000	315.27540	522.11300	100.00000	2.49797	1262.02000	1301.06000	6.80331	2030.21001
.600	-.718	1252.34300	1597.19000	315.44020	522.09690	100.00000	2.49880	1262.10001	1301.03999	6.80215	2030.24500
.600	-.289	1251.64301	1596.66000	315.56880	521.96950	99.89999	2.49938	1261.39999	1301.07001	6.80444	2030.24500
.600	.737	1252.07401	1596.92999	315.44240	522.08910	100.00000	2.49858	1261.83000	1301.10001	6.83014	2030.24500
.600	1.747	1251.90401	1596.81000	315.48120	522.26660	100.20000	2.49748	1261.66000	1301.10001	6.83066	2030.24500
6.00	2.757	1251.89101	1596.92999	315.59230	522.25370	100.20000	2.49799	1261.64999	1301.09000	6.85711	2030.21001
6.00	3.771	1252.06799	1597.21001	315.68240	522.06230	100.00000	2.49969	1261.83000	1301.09000	6.84240	2030.24500
GRADIENT		-.04118	-.00779	.02720	-.00064	.00380	.00007	-.04063	.00794	.00711	.00371



( VCM058 ) ( 04 OCT 91 )

PARAMETRIC DATA

ALPHA = -8.000 PHI = 180.000

RUN NO. 1749/ O RN/L = 2.51 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	P	PT	Q(PSF)	T(R)	TT(F)	RN/L	PC	PREF	SH10+3	PATM
.800	-3.820	879.96920	1341.14999	394.06130	495.03220	98.70000	2.50633	889.86990	1045.13000	7.77170	2030.49001
.800	-2.803	879.90010	1341.06000	394.04200	495.03050	98.70000	2.50618	889.79980	1045.11000	7.46928	2030.52499
.801	-1.801	878.90410	1340.82001	394.54130	494.89580	98.70000	2.50722	888.80980	1045.13000	7.19273	2030.52499
.800	-.790	879.33570	1340.99001	394.37380	494.94730	98.70000	2.50697	889.24000	1045.08000	6.92337	2030.52499
.800	-.211	880.60180	1342.03999	394.28980	495.04000	98.70000	2.50790	890.51000	1045.07001	6.73967	2030.56000
.800	.832	880.67040	1342.14999	394.32450	494.95090	98.59999	2.50869	890.57980	1045.06000	6.83454	2030.56000
.800	1.835	881.16820	1342.62000	394.33400	494.98120	98.59999	2.50923	891.07980	1045.05000	6.97054	2030.52499
.799	2.841	881.34940	1342.67000	394.24780	495.00510	98.59999	2.50906	891.26000	1045.03999	7.11125	2030.49001
.800	3.845	880.80960	1342.31000	394.34840	494.95630	98.59999	2.50893	890.72000	1045.03000	7.25678	2030.52499
	<b>GRADIENT</b>	.23348	.24658	.02372	-.00409	-.01762	.00043	.23503	-.01390	-.06331	.00106

RUN NO. 1662/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	P	PT	Q(PSF)	T(R)	TT(F)	RN/L	PC	PREF	SH10+3	PATM
.900	-3.810	752.73390	1272.82001	426.60670	481.93240	100.30000	2.49673	762.74000	983.13990	1.32124	2028.88000
.900	-2.784	753.10250	1273.14999	426.61430	481.96390	100.30000	2.49715	763.10990	983.16990	.00000	2028.88000
.900	-1.783	752.95830	1273.35001	426.83720	481.91600	100.30000	2.49788	762.97000	983.23000	1.27977	2028.88000
.900	-.778	752.39400	1272.63000	426.67850	481.89060	100.30000	2.49665	762.39990	983.26980	1.27379	2028.88000
.900	-.229	752.72240	1272.95000	426.70310	481.91600	100.30000	2.49710	762.73000	983.48000	1.24696	2028.91499
.900	.808	753.15920	1273.39999	426.75220	481.94730	100.30000	2.49776	763.16990	983.50980	1.24652	2028.84500
.900	1.812	752.96510	1272.85001	426.48950	481.97140	100.30000	2.49651	762.97000	983.53980	1.25034	2028.84500
.900	2.821	752.67410	1272.78000	426.61470	481.92550	100.30000	2.49670	762.67990	983.58980	1.25370	2028.91499
.900	3.820	752.87700	1272.66000	426.41140	481.97580	100.30000	2.49610	762.87990	983.61990	1.27041	2028.98500
	<b>GRADIENT</b>	-.00010	-.03671	-.02520	.00394	-.00000	-.00010	-.00058	.07101	.06102	.00763

RUN NO. 1741/ O RN/L = 2.51 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	P	PT	Q(PSF)	T(R)	TT(F)	RN/L	PC	PREF	SH10+3	PATM
1.099	-3.936	565.92700	1206.61000	478.33840	449.91750	98.89999	2.50648	576.11990	911.76000	1.07533	2029.96500
1.100	-2.917	564.99630	1206.45000	478.61330	449.72290	98.89999	2.50655	575.18990	911.74000	1.07548	2029.96500
1.100	-1.913	564.75170	1205.92999	478.40750	449.72270	98.89999	2.50547	574.93990	911.72000	1.07594	2029.96500
1.101	-.911	564.32100	1205.85001	478.53080	449.63330	98.89999	2.50549	574.51000	911.72000	1.03638	2029.92999
1.099	-.087	565.51510	1205.78999	478.02390	449.83080	98.80000	2.50537	575.70000	911.67990	1.03087	2029.96500
1.099	.963	565.33230	1205.98000	478.20700	449.76880	98.80000	2.50590	575.51980	911.65990	1.03071	2029.96500
1.100	1.957	565.12940	1206.21001	478.42110	449.69820	98.80000	2.50652	575.31980	911.64990	1.02775	2029.96500
1.099	2.958	565.52420	1205.87000	478.06690	449.82420	98.80000	2.50555	575.71000	911.62990	1.02528	2029.96500
1.100	3.965	565.00240	1205.92000	478.30250	449.70020	98.80000	2.50591	575.18990	911.61990	1.02800	2030.00000
	<b>GRADIENT</b>	-.00812	-.06479	-.03449	-.00850	-.01682	-.00005	-.00883	-.01850	-.00748	.00296

( VCM058 ) ( 04 OCT 91 )

IA310 (AEDC 16TF-783) PROBE CALIBRATION

PARAMETRIC DATA

ALPHA = -8.000 PHI = 180.000

RUN NO. 1725/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	P	PT	Q(PSF)	T(R)	TT(F)	RN/L	PC	PREF	SH10+3	PATM
1.249	-3.888	463.02050	1198.16000	505.82280	426.84160	100.40000	2.49812	473.14990	856.41990	1.01537	2030.77000
1.250	-2.831	462.47490	1197.77000	505.74460	426.73730	100.40000	2.49725	472.59990	856.41990	1.01844	2030.80499
1.250	-1.820	462.57250	1198.05000	505.86500	426.65840	100.30000	2.49842	472.70000	856.41990	1.01820	2030.77000
1.250	-1.821	462.65280	1197.98000	505.81230	426.68680	100.30000	2.49829	472.77980	856.43990	1.02101	2030.77000
1.250	-1.178	462.70260	1197.98000	505.80130	426.70000	100.30000	2.49830	472.82980	856.48000	1.01826	2030.77000
1.250	-.872	462.57250	1198.09000	505.88550	426.73050	100.40000	2.49792	472.70000	856.49000	1.01817	2030.77000
1.249	1.869	462.87180	1198.06000	505.80470	426.81250	100.40000	2.49789	473.00000	856.48000	1.01546	2030.73500
1.250	2.876	462.68410	1197.78000	505.70390	426.79150	100.40000	2.49730	472.80980	856.49000	1.01570	2030.73500
1.250	3.887	462.72190	1198.07001	505.84250	426.77200	100.40000	2.49789	472.84990	856.48000	1.01272	2030.70000
	GRADIENT	-.00163	-.00388	-.00161	.00387	.00513	-.00004	-.00166	.01064	-.00047	-.00981

RUN NO. 1717/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	P	PT	Q(PSF)	T(R)	TT(F)	RN/L	PC	PREF	SH10+3	PATM
1.400	-3.903	382.05960	1215.28999	523.95480	402.61450	100.70000	2.49530	391.76980	873.76000	1.14435	2031.08501
1.400	-2.844	381.73730	1214.62000	523.66820	402.58080	100.70000	2.49384	391.43990	873.75000	1.14499	2031.08501
1.399	-1.841	382.13990	1215.08000	523.86130	402.65870	100.70000	2.49498	391.84990	873.74000	1.14455	2031.15500
1.400	-.835	381.97190	1215.06000	523.85570	402.60990	100.70000	2.49482	391.67990	873.75000	1.14762	2031.12000
1.400	-.159	381.98930	1215.46001	524.03050	402.57710	100.70000	2.49556	391.70000	873.74000	1.14115	2031.12000
1.400	.885	381.76460	1214.97000	523.82060	402.55590	100.70000	2.49450	391.47000	873.72000	1.13555	2031.12000
1.400	1.888	381.92070	1215.37000	523.99270	402.56520	100.70000	2.49534	391.62990	873.72000	1.13518	2031.08501
1.400	2.883	381.84420	1214.91000	523.79300	402.58570	100.70000	2.49445	391.54980	873.71000	1.13561	2031.12000
1.400	3.894	381.88380	1214.94000	523.80520	402.59470	100.70000	2.49453	391.58980	873.66990	1.13256	2031.15500
	GRADIENT	-.01774	-.00254	-.00075	-.00509	.00000	-.00002	-.01795	-.00959	-.00182	-.00438

RUN NO. 1707/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	P	PT	Q(PSF)	T(R)	TT(F)	RN/L	PC	PREF	SH10+3	PATM
1.450	-3.759	358.90500	1225.80000	528.09590	394.44460	100.60000	2.49529	368.37990	884.26000	1.29843	2030.42000
1.450	-2.736	359.19800	1226.30000	528.31880	394.49050	100.60000	2.49645	368.67990	884.26000	1.29790	2030.38499
1.450	-1.725	358.77560	1226.03999	528.18920	394.31130	100.50000	2.49619	368.25000	884.27980	1.29477	2030.38499
1.449	-.724	359.09280	1225.67999	528.05540	394.44410	100.50000	2.49585	368.56980	884.27980	1.29175	2030.35001
1.450	-.271	358.75660	1225.92000	528.13820	394.31640	100.50000	2.49596	368.23000	884.33980	1.28471	2030.38499
1.450	.768	359.18850	1226.25000	528.29760	394.42160	100.50000	2.49695	368.66990	884.32980	1.28436	2030.42000
1.450	1.777	359.07060	1226.17999	528.26250	394.39110	100.50000	2.49671	368.54980	884.33980	1.28782	2030.38499
1.450	2.768	358.75630	1225.89000	528.12570	394.31910	100.50000	2.49591	368.23000	884.30980	1.28813	2030.38499
1.450	3.794	358.93530	1225.64999	528.03520	394.39750	100.50000	2.49565	368.40990	884.33980	1.28499	2030.38499
	GRADIENT	-.00888	-.01978	-.00867	-.00990	-.01269	-.00003	-.00909	.01119	-.00184	-.00154

## IA310 (AEDC 16TF-783) PROBE CALIBRATION

(VCM058) ( 04 OCT 91 )

## PARAMETRIC DATA

ALPHA = -8.000 PHI = 180.000

RUN NO. 1700/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	P	PT	Q (PSF)	T (R)	TT (F)	RN/L	PC	PREF	SH10+3	PATM
1.469	-3.779	348.12890	1222.48286	526.01810	390.18360	100.20000	2.49770	357.47000	887.52980	1.39401	2030.70000
1.469	-2.756	348.00170	1222.46796	526.00195	390.08590	100.10000	2.49792	357.33980	887.52980	1.38690	2030.70000
1.470	-1.751	347.92210	1222.74283	526.10819	390.11010	100.20000	2.49762	357.25980	887.52980	1.38303	2030.66499
1.470	- .739	347.95240	1222.58928	526.04793	390.06470	100.10000	2.49797	357.28980	887.51980	1.38321	2030.66499
1.469	- .254	348.13960	1222.66801	526.09523	390.13180	100.10000	2.49803	357.48000	887.53980	1.37608	2030.73500
1.469	.796	348.13820	1222.95233	526.21069	390.10520	100.10000	2.49853	357.48000	887.53980	1.37575	2030.73500
1.470	1.798	347.78490	1222.59000	526.03395	390.00900	100.10000	2.49783	357.11990	887.53980	1.38318	2030.66499
1.470	2.797	347.93310	1222.58630	526.04519	390.06470	100.10000	2.49783	357.26980	887.53980	1.37967	2030.73500
1.470	3.814	347.96190	1222.61974	526.06118	390.06490	100.10000	2.49804	357.29980	887.51980	1.38317	2030.70000
	GRADIENT	-.01864	.01639	.00523	-.01293	-.01065	.00003	-.01899	.00040	-.00125	.00273

RUN NO. 1693/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	P	PT	Q (PSF)	T (R)	TT (F)	RN/L	PC	PREF	SH10+3	PATM
1.498	-3.792	337.11300	1233.50378	529.33018	385.85350	100.10000	2.49939	346.29980	910.58980	1.08355	2030.21001
1.497	-2.773	337.11620	1232.72189	529.02157	385.91850	100.10000	2.49817	346.29980	910.57980	1.08998	2030.28000
1.497	-1.764	337.23610	1232.22620	528.83969	386.00150	100.10000	2.49747	346.41990	910.57980	1.09333	2030.24500
1.496	- .758	337.42210	1232.30176	528.89183	386.04980	100.10000	2.49793	346.60990	910.58980	1.09905	2030.28000
1.494	- .240	338.43430	1231.86435	528.83919	386.38920	100.10000	2.49893	347.63990	910.57980	1.13180	2030.21001
1.495	.813	338.04760	1232.42712	529.01607	386.25610	100.20000	2.49933	347.25000	910.56980	1.14311	2030.24500
1.496	1.807	337.63400	1232.45601	528.97800	386.10330	100.20000	2.49919	346.82980	910.56980	1.14902	2030.24500
1.495	2.811	337.83250	1231.87173	528.76935	386.20730	100.20000	2.49867	347.02980	910.53980	1.16170	2030.28000
1.496	3.820	337.44970	1231.46039	528.56070	386.08760	100.20000	2.49813	346.63990	910.52980	1.18038	2030.24500
	GRADIENT	.08173	-.18237	-.06256	.03766	.01777	.00001	.08327	-.00720	.01342	.00222

RUN NO. 1688/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	P	PT	Q (PSF)	T (R)	TT (F)	RN/L	PC	PREF	SH10+3	PATM
1.521	-3.835	327.17720	1237.62218	529.55206	382.35620	100.60000	2.49491	336.20000	911.60990	1.10718	2030.10500
1.521	-2.770	327.31320	1237.97430	529.70937	382.37520	100.60000	2.49558	336.33980	911.59990	1.10397	2030.17500
1.520	-1.767	327.30490	1237.56216	529.54864	382.40580	100.60000	2.49494	336.32980	911.56980	1.10725	2030.14000
1.520	- .756	327.37330	1237.65269	529.59453	382.42500	100.60000	2.49509	336.39990	911.57980	1.10427	2030.17500
1.520	- .234	327.53000	1238.22395	529.83964	382.47310	100.60000	2.49537	336.55980	911.52980	1.06945	2030.17500
1.521	.803	327.16700	1238.39348	529.84843	382.34300	100.60000	2.49508	336.18990	911.50000	1.06082	2030.21001
1.521	1.812	327.31270	1238.74342	530.00668	382.36180	100.60000	2.49583	336.33980	911.48000	1.06053	2030.21001
1.520	2.823	327.44210	1238.17528	529.80708	382.51900	100.70000	2.49453	336.47000	911.46000	1.06666	2030.24500
1.520	3.821	327.44210	1238.15593	529.79959	382.52080	100.70000	2.49450	336.47000	911.41990	1.06668	2030.24500
	GRADIENT	.02244	.10001	.04215	.01663	.01267	-.00006	.02288	-.02549	-.00710	.01687

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(VCM058) ( 04 OCT 91 )

PARAMETRIC DATA

ALPHA = -8.000 PHI = 180.000

RUN NO. 1681/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	P	PT	Q(PSF)	T(R)	TT(F)	RN/L	PC	PREF	SH10+3	PATM
1.543	-3.791	317.89720	1243.18201	530.07004	378.59840	100.90000	2.49667	326.75980	912.16990	1.27756	2029.86000
1.545	-2.772	316.76980	1240.79616	528.95375	378.39970	100.90000	2.49158	325.59990	912.13990	1.28988	2029.89500
1.544	-1.765	317.10250	1240.82747	529.02891	378.58150	101.00000	2.49143	325.93990	912.15990	1.28989	2029.86000
1.543	- .758	317.47410	1240.98253	529.15857	378.70310	101.00000	2.49204	326.31980	912.20000	1.28645	2029.86000
1.542	- .236	318.06910	1241.57214	529.49416	378.92750	101.10000	2.49313	326.92990	912.23000	1.28590	2029.86000
1.544	.806	317.35230	1242.23647	529.60859	378.62110	101.10000	2.49332	326.20000	912.20000	1.28179	2029.82500
1.543	1.817	317.83400	1241.62099	529.46889	378.84060	101.10000	2.49294	326.68990	912.17990	1.28582	2029.82500
1.543	2.816	317.63820	1241.69827	529.46022	378.77390	101.10000	2.49267	326.49000	912.15990	1.27908	2029.82500
1.544	3.829	317.31540	1241.68022	529.39189	378.73390	101.20000	2.49158	326.15990	912.15990	1.27575	2029.86000
	GRADIENT	.02436	-.01518	-.00106	.03630	.03716	-.00024	.02480	-.00077	-.00093	-.00050

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(VCM059) ( 04 OCT 91 )

PARAMETRIC DATA

ALPHA = 2.000 PHI = 180.000

RUN NO. 1676/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	P	PT	Q(PSF)	T(R)	TT(F)	RN/L	PC	PREF	SH10+3	PATM
.600	-4.121	1252.39699	1597.48000	315.67240	522.07150	100.00000	2.49988	1262.12000	1300.94000	4.95971	2030.28000
.600	-3.141	1251.83600	1597.14999	315.82280	522.04030	100.00000	2.50015	1261.60001	1300.94000	5.14276	2030.31500
.600	-2.191	1251.99200	1596.96001	315.53470	522.07670	100.00000	2.49894	1261.75000	1300.92999	5.14338	2030.35001
.600	-1.256	1252.21300	1597.10001	315.47170	522.08980	100.00000	2.49883	1261.97000	1300.92999	5.15333	2030.31500
.600	-.303	1251.80499	1596.67999	315.45290	522.08060	100.00000	2.49841	1261.56000	1300.92999	5.13390	2030.31500
.600	.734	1251.93800	1597.11000	315.70480	522.05620	100.00000	2.49969	1261.70000	1300.92999	5.14289	2030.31500
.600	1.785	1251.78200	1596.82001	315.58980	522.06470	100.00000	2.49902	1261.53999	1300.91000	5.14383	2030.31500
.600	2.833	1251.89999	1596.52000	315.24050	522.10670	100.00000	2.49750	1261.64999	1300.89999	5.14481	2030.28000
.600	3.873	1251.85699	1597.12000	315.78030	522.04540	100.00000	2.49997	1261.62000	1300.92999	5.14286	2030.24500
	GRADIENT	-.04157	-.05924	-.01568	.00056	-.00000	-.00011	-.04218	-.00034	.01198	-.000542



IA310 (AEDC 16TF-783) PROBE CALIBRATION

(VCM059) ( 04 OCT 91 )

PARAMETRIC DATA

ALPHA = 2.000 PHI = 180.000

RUN NO. 1728/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	P	PT	Q(PSF)	T(R)	TT(F)	RN/L	PC	PREF	SH10+3	PATM
1.250	-4.076	462.69360	1197.84000	505.73220	426.71190	100.30000	2.49801	472.81980	856.58980	1.01019	2030.73500
1.250	-3.075	462.59200	1198.10001	505.88620	426.65870	100.30000	2.49853	472.72000	856.58980	1.00997	2030.77000
1.250	-2.107	462.44410	1197.87000	505.80200	426.64310	100.30000	2.49804	472.56980	856.58980	1.01017	2030.77000
1.250	-1.162	462.39230	1198.16000	505.96040	426.59990	100.30000	2.49862	472.51980	856.59990	1.01264	2030.73500
1.250	-1.197	462.73070	1198.23000	505.92160	426.68190	100.30000	2.49881	472.85990	856.60990	1.01258	2030.77000
1.250	.834	462.47410	1197.84000	505.78030	426.65410	100.30000	2.49798	472.59990	856.61990	1.01564	2030.73500
1.250	1.866	462.55440	1197.78999	505.73730	426.68020	100.30000	2.49789	472.67990	856.60990	1.01296	2030.73500
1.250	2.910	462.56050	1198.36000	506.02470	426.62380	100.30000	2.49905	472.68990	856.60990	1.01247	2030.77000
1.250	3.938	462.62280	1197.99001	505.82370	426.67800	100.30000	2.49831	472.75000	856.61990	1.01279	2030.80499
GRADIENT		-.00113	.01489	.00778	-.00182	.00000	.00003	-.00103	.00400	.00044	.00357

RUN NO. 1720/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	P	PT	Q(PSF)	T(R)	TT(F)	RN/L	PC	PREF	SH10+3	PATM
1.400	-4.068	381.79200	1215.37000	523.99510	402.45460	100.60000	2.49584	391.50000	873.29980	1.12614	2031.15500
1.400	-3.065	381.78560	1214.80000	523.74610	402.50660	100.60000	2.49480	391.49000	873.29980	1.12667	2031.15500
1.400	-2.100	381.95410	1214.74001	523.71630	402.56300	100.60000	2.49481	391.65990	873.28980	1.12373	2031.15500
1.400	-1.151	382.02220	1214.92000	523.79350	402.56640	100.60000	2.49519	391.73000	873.28980	1.12356	2031.15500
1.400	-.177	382.10010	1215.13000	523.88380	402.57010	100.60000	2.49563	391.80980	873.26980	1.11739	2031.12000
1.400	.855	381.68580	1214.96001	523.81810	402.46140	100.60000	2.49502	391.38990	873.26980	1.11457	2031.12000
1.400	1.884	381.92090	1215.32001	523.97070	402.49800	100.60000	2.49585	391.62990	873.24000	1.12020	2031.12000
1.400	2.919	381.95310	1214.89999	523.78640	402.54760	100.60000	2.49510	391.65990	873.22000	1.11463	2031.15500
1.400	3.945	381.79690	1214.58000	523.64940	402.53080	100.60000	2.49441	391.50000	873.24000	1.12088	2031.08501
GRADIENT		.00159	-.02813	-.01234	.00314	.00000	-.00005	.00142	-.00999	-.00121	-.00641

RUN NO. 1710/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	P	PT	Q(PSF)	T(R)	TT(F)	RN/L	PC	PREF	SH10+3	PATM
1.450	-4.110	358.94560	1225.57001	528.00220	394.47830	100.60000	2.49493	368.41990	884.46000	1.27496	2030.66499
1.449	-3.124	359.44580	1226.00000	528.20630	394.59590	100.60000	2.49615	368.92990	884.47000	1.27788	2030.70000
1.450	-2.172	358.82370	1226.25999	528.28300	394.37670	100.60000	2.49602	368.29980	884.47000	1.28097	2030.70000
1.449	-1.245	359.13160	1225.80000	528.10740	394.51560	100.60000	2.49551	368.60990	884.48000	1.27472	2030.70000
1.449	-.287	359.11210	1225.81000	528.11060	394.50850	100.60000	2.49551	368.58980	884.47000	1.27136	2030.70000
1.450	.743	358.82520	1225.96001	528.15840	394.40480	100.60000	2.49550	368.29980	884.50000	1.26118	2030.70000
1.450	1.791	358.74730	1225.77000	528.07540	394.39770	100.60000	2.49509	368.22000	884.48000	1.25474	2030.73500
1.450	2.852	358.92210	1226.28999	528.30050	394.47510	100.70000	2.49558	368.39990	884.47000	1.25752	2030.73500
1.449	3.891	359.28660	1226.33000	528.33570	394.58590	100.70000	2.49599	368.76980	884.50000	1.25748	2030.70000
GRADIENT		-.01050	.05252	.02133	.00025	.01191	.00001	-.01039	.00333	-.00330	.00524

IA310 (AEDC 16TF-783) TABULATED DATA  
 IA310 (AEDC 16TF-783) PROBE CALIBRATION

( VCM059 ) ( 04 OCT 91 )

## PARAMETRIC DATA

ALPHA = 2.000 PHI = 180.000

RUN NO. 1703/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	P	PT	Q(PSF)	T(R)	TT(F)	RN/L	PC	PREF	SH10+3	PATM
1.484	-4.105	348.04050	1248.68024	536.76436	390.15330	100.20000	2.49764	357.37990	887.39990	.00000	2030.45500
1.470	-3.111	348.03100	1223.34630	526.36304	390.15840	100.20000	2.49748	357.36990	887.40390	1.34391	2030.45500
1.470	-2.157	347.86330	1223.40327	526.37317	390.09770	100.20000	2.49744	357.20000	887.39990	1.34382	2030.45500
1.470	-1.226	347.85280	1223.51933	526.41907	390.08350	100.20000	2.49764	357.18990	887.39990	1.34369	2030.45500
1.485	-.265	347.87330	1248.55133	536.69401	390.10350	100.20000	2.49740	357.21000	887.38990	.00000	2030.49001
1.471	.759	347.75440	1223.50685	526.40620	390.05180	100.20000	2.49753	357.08980	887.39990	1.34369	2030.49001
1.470	1.813	348.14920	1223.30260	526.35472	390.20190	100.20000	2.49750	357.49000	887.39990	1.34397	2030.49001
1.470	2.863	347.93210	1223.41203	526.38192	390.11960	100.20000	2.49751	357.26980	887.38990	1.34382	2030.49001
1.484	3.899	348.03980	1248.77374	536.80127	390.14330	100.20000	2.49783	357.37990	887.37990	.00000	2030.49001
GRADIENT		.00355	.02238	.00938	.00055	-.00000	.00002	.00365	-.00234	-.00087	.00581

RUN NO. 1696/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	P	PT	Q(PSF)	T(R)	TT(F)	RN/L	PC	PREF	SH10+3	PATM
1.495	-4.100	337.68650	1230.46484	528.19402	386.25540	100.30000	2.49740	346.87990	910.29980	1.23165	2030.24500
1.495	-3.103	337.66550	1230.83461	528.33821	386.22360	100.30000	2.49785	346.85990	910.31980	1.22488	2030.24500
1.495	-2.146	337.42160	1230.43025	528.14872	386.17770	100.30000	2.49692	346.60990	910.32980	1.22526	2030.24500
1.494	-1.213	337.47090	1228.43666	527.36325	386.19750	100.30000	2.49691	346.65990	910.31980	1.35057	2030.28000
1.494	-.258	337.68550	1228.85045	527.55368	386.23730	100.30000	2.49774	346.87990	910.30980	1.34666	2030.28000
1.495	.779	337.49930	1230.73654	528.27979	386.18530	100.30000	2.49735	346.68990	910.28980	1.21860	2030.24500
1.495	1.819	337.65550	1230.93440	528.37630	386.22050	100.30000	2.49784	346.84990	910.29980	1.21843	2030.28000
1.495	2.874	337.55860	1230.67780	528.26381	386.21090	100.30000	2.49730	346.75000	910.26980	1.21867	2030.24500
1.495	3.907	337.56710	1230.97902	528.38405	386.18600	100.30000	2.49784	346.75980	910.29980	1.21836	2030.28000
GRADIENT		-.00495	.08689	.03393	-.00404	-.00000	.00004	-.00491	-.00403	-.00394	.00287

RUN NO. 1691/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	P	PT	Q(PSF)	T(R)	TT(F)	RN/L	PC	PREF	SH10+3	PATM
1.521	-4.099	327.38280	1238.48723	529.91882	382.28390	100.40000	2.49645	336.40990	910.97000	1.05240	2029.89500
1.521	-3.103	327.42160	1238.60907	529.97142	382.21800	100.30000	2.49730	336.45000	910.95000	1.05230	2029.92999
1.521	-2.151	327.34370	1238.51274	529.92218	382.20340	100.30000	2.49698	336.36990	910.93990	1.04960	2029.89500
1.521	-1.215	327.23660	1238.27301	529.81287	382.18430	100.30000	2.49653	336.25980	910.93990	1.05257	2029.89500
1.521	-.256	327.22750	1238.10870	529.74834	382.26810	100.40000	2.49557	336.25000	910.91990	1.04994	2029.89500
1.521	.778	327.42110	1238.72713	530.01688	382.27910	100.40000	2.49683	336.45000	910.90990	1.04942	2029.92999
1.521	1.826	327.45070	1238.73126	530.02311	382.28910	100.40000	2.49687	336.48000	910.89990	1.04942	2029.92999
1.521	2.875	327.24610	1238.36333	529.84949	382.25150	100.40000	2.49603	336.26980	910.89990	1.04972	2029.89500
1.521	3.907	327.39330	1238.45488	529.90798	382.23320	100.30000	2.49679	336.41990	910.88990	1.04412	2029.92999
GRADIENT		-.00114	.00093	.00019	.00271	.00321	-.00004	-.00121	-.00967	-.00075	.00237

## IA310 (AEDC 16TF-783) PROBE CALIBRATION

(VCM059) ( 04 OCT 91 )

## PARAMETRIC DATA

ALPHA = 2.000 PHI = 180.000

RUN NO. 1684/ O RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	P	PT	Q(PSF)	T(R)	TT(F)	RN/L	PC	PREF	SH10+3	PATM
1.544	-4.099	317.50290	1242.19118	529.62373	378.49540	100.70000	2.49415	326.34990	912.04980	1.21705	2030.03500
1.544	-3.108	317.39450	1242.24803	529.62398	378.51150	100.80000	2.49368	326.24000	912.04980	1.22332	2030.10500
1.544	-2.147	317.55100	1242.26607	529.66010	378.56470	100.80000	2.49390	326.39990	912.04980	1.22332	2030.14000
1.543	-1.209	317.61960	1242.22540	529.65788	378.58810	100.80000	2.49400	326.47000	912.01000	1.22656	2030.17500
1.543	-.250	317.58130	1241.98669	529.56131	378.52810	100.70000	2.49415	326.42990	912.03980	1.22679	2030.14000
1.543	.782	317.73580	1242.66759	529.84771	378.53080	100.70000	2.49531	326.58980	912.01980	1.21977	2030.17500
1.544	1.820	317.63790	1242.64693	529.82121	378.49410	100.70000	2.49524	326.49000	912.03980	1.22295	2030.17500
1.543	2.879	317.66820	1242.34781	529.71371	378.46360	100.60000	2.49537	326.51980	912.00000	1.22326	2030.21001
1.544	3.907	317.46220	1242.58685	529.76580	378.37870	100.60000	2.49537	326.30980	912.00000	1.21665	2030.21001
GRADIENT		.01532	.05181	.02254	-.01380	-.02188	.00023	.01583	-.00600	-.00017	.01804

## IA310 (AEDC 16TF-783) PROBE CALIBRATION

(VCM060) ( 04 OCT 91 )

## PARAMETRIC DATA

BETA = -1.000 PHI = 180.000

RUN NO. 1729/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	P	PT	Q(PSF)	T(R)	TT(F)	RN/L	PC	PREF	SH10+3	PATM
1.250	-5.036	462.63110	1198.24001	505.94870	426.65450	100.30000	2.49882	472.75980	856.63990	1.01804	2030.73500
1.250	-4.776	462.58330	1197.95000	505.81200	426.67160	100.30000	2.49822	472.71000	856.61990	1.01555	2030.70000
1.250	-4.525	462.57250	1198.06000	505.87010	426.65750	100.30000	2.49844	472.70000	856.62990	1.01000	2030.66499
1.249	-4.279	462.77320	1197.87000	505.73000	426.72970	100.30000	2.49808	472.89990	856.63990	1.00745	2030.66499
1.250	-4.029	462.50070	1198.34000	506.02780	426.61010	100.30000	2.49900	472.62990	856.64990	1.00164	2030.63000
1.250	-3.788	462.66240	1198.03999	505.84030	426.68330	100.30000	2.49841	472.78980	856.62990	1.00189	2030.63000
1.250	-3.537	462.46480	1197.73000	505.72630	426.66280	100.30000	2.49776	472.58980	856.63990	.99946	2030.63000
1.250	-3.289	462.39500	1197.77000	505.76220	426.64010	100.30000	2.49783	472.51980	856.63990	1.00482	2030.59500
1.250	-3.041	462.79150	1198.11000	505.84770	426.71020	100.30000	2.49857	472.91990	856.64990	1.00454	2030.59500
GRADIENT		-.00953	-.05027	-.02328	.00242	-.00001	-.00010	-.00991	.01138	-.00610	-.05766



## IA310 (AEDC 16TF-783) PROBE CALIBRATION

(VCMO61) ( 04 OCT 91 )

## PARAMETRIC DATA

BETA = -.750 PHI = 180.000  
 RUN NO. 1730/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	P	PT	Q(PSF)	T(R)	TT(F)	RN/L	PC	PREF	SH10+3	PATM
1.250	-5.032	462.60110	1198.25000	505.96020	426.64580	100.30000	2.49883	472.73000	856.65990	1.00442	2030.63000
1.250	-4.767	462.72270	1197.98000	505.79690	426.70530	100.30000	2.49830	472.84990	856.65990	1.00194	2030.63000
1.250	-4.519	462.43190	1198.22000	505.98190	426.68040	100.40000	2.49816	472.55980	856.65990	.99367	2030.63000
1.250	-4.271	462.57150	1198.17999	505.93120	426.64500	100.30000	2.49869	472.70000	856.65990	.99371	2030.63000
1.250	-4.022	462.47190	1198.20000	505.96310	426.69290	100.40000	2.49813	472.59990	856.64990	.99369	2030.63000
1.250	-3.774	462.60330	1197.94000	505.80270	426.67770	100.30000	2.49820	472.73000	856.65990	.99391	2030.63000
1.250	-3.525	462.56300	1197.97000	505.82670	426.74050	100.40000	2.49767	472.68990	856.65990	.99121	2030.59500
1.250	-3.276	462.58150	1198.21001	505.94430	426.64450	100.30000	2.49875	472.71000	856.65990	.99101	2030.59500
1.250	-3.027	462.59130	1198.25000	505.96240	426.64310	100.30000	2.49883	472.72000	856.64990	.99633	2030.59500
GRADIENT		-.00320	.04533	.02361	-.01655	-.01441	.00018	-.00282	.00216	-.00286	-.02520

## IA310 (AEDC 16TF-783) PROBE CALIBRATION

(VCMO62) ( 04 OCT 91 )

## PARAMETRIC DATA

BETA = -.500 PHI = 180.000  
 RUN NO. 1731/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	P	PT	Q(PSF)	T(R)	TT(F)	RN/L	PC	PREF	SH10+3	PATM
1.250	-5.016	462.79130	1198.14000	505.86280	426.70700	100.30000	2.49863	472.91990	856.64990	1.00994	2030.59500
1.250	-4.758	462.58350	1197.91000	505.79200	426.67580	100.30000	2.49814	472.71000	856.65990	1.00741	2030.59500
1.250	-4.511	462.51200	1198.14999	505.92900	426.63230	100.30000	2.49862	472.63990	856.65990	1.00721	2030.63000
1.250	-4.259	462.63280	1197.98000	505.81640	426.68160	100.30000	2.49829	472.75980	856.65990	1.00465	2030.63000
1.250	-4.007	462.55320	1197.97000	505.82890	426.66160	100.30000	2.49826	472.67990	856.65990	1.00195	2030.66499
1.250	-3.760	462.66160	1198.16000	505.90140	426.67090	100.30000	2.49866	472.78980	856.64990	.99641	2030.63000
1.250	-3.513	462.69240	1198.00000	505.81350	426.69530	100.30000	2.49834	472.81980	856.65990	.99923	2030.63000
1.250	-3.261	462.69070	1198.27000	505.95070	426.66720	100.30000	2.49889	472.81980	856.65990	1.00170	2030.66499
1.250	-3.019	462.76270	1197.94000	505.76760	426.72000	100.30000	2.49822	472.88990	856.65990	.99928	2030.66499
GRADIENT		.11627	.05049	.00019	.02543	-.00002	.00012	.11702	-.00347	-.00509	.03003

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(VCM063) ( 04 OCT 91 )

PARAMETRIC DATA

BETA = -.250 PHI = 180.000

RUN NO. 1732/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	P	PT	Q(PSF)	T(R)	TT(F)	RN/L	PC	PREF	SH10+3	PATM
1.250	-5.009	462.74190	1198.10001	505.85350	426.69800	100.30000	2.49855	472.86990	856.64990	1.00997	2030.63000
1.250	-4.752	462.48320	1197.98000	505.84910	426.64210	100.30000	2.49827	472.60990	856.64990	1.00736	2030.66499
1.250	-4.500	462.51420	1197.85001	505.77660	426.66360	100.30000	2.49801	472.63990	856.63990	1.01018	2030.66499
1.249	-4.249	462.86250	1197.92999	505.74070	426.74710	100.30000	2.49821	472.99000	856.64990	1.01284	2030.70000
1.250	-4.002	462.58370	1197.88000	505.77660	426.67870	100.30000	2.49808	472.71000	856.64990	1.01288	2030.70000
1.250	-3.751	462.57060	1198.34000	506.01250	426.62870	100.30000	2.49901	472.70000	856.64990	1.01522	2030.70000
1.250	-3.500	462.67430	1197.75999	505.69580	426.71480	100.30000	2.49784	472.79980	856.64990	1.01298	2030.70000
1.250	-3.254	462.55400	1197.84000	505.76270	426.67500	100.30000	2.49799	472.67990	856.63990	1.00747	2030.70000
1.250	-3.003	462.56300	1198.00999	505.84690	426.66020	100.30000	2.49834	472.68990	856.63990	1.00733	2030.73500
GRADIENT		.00886	.00466	.00070	.00173	-.00001	.00001	.00881	-.00336	-.00051	.03133

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(VCM064) ( 04 OCT 91 )

PARAMETRIC DATA

BETA = .000 PHI = 180.000

RUN NO. 1733/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	P	PT	Q(PSF)	T(R)	TT(F)	RN/L	PC	PREF	SH10+3	PATM
1.250	-5.001	462.86080	1198.14999	505.85280	426.72440	100.30000	2.49866	472.99000	856.64990	.93890	2030.77000
1.250	-4.738	462.70260	1197.99001	505.80640	426.69900	100.30000	2.49832	472.82980	856.63990	1.00464	2030.77000
1.250	-4.492	462.48390	1197.92000	505.81860	426.72460	100.40000	2.49756	472.60990	856.63990	.93908	2030.77000
1.250	-4.240	462.61350	1197.88000	505.77000	426.68650	100.30000	2.49808	472.74000	856.64990	.94166	2030.77000
1.250	-3.993	462.50370	1197.89999	505.80420	426.65580	100.30000	2.49811	472.62990	856.63990	.93655	2030.77000
1.250	-3.737	462.49170	1198.23000	505.97410	426.61890	100.30000	2.49878	472.61990	856.63990	.93883	2030.77000
1.250	-3.490	462.47290	1198.07001	505.89700	426.63010	100.30000	2.49845	472.59990	856.63990	.93388	2030.80499
1.250	-3.239	462.74340	1197.84000	505.72120	426.72490	100.30000	2.49802	472.86990	856.61990	.93406	2030.80499
1.249	-2.988	462.80250	1197.96001	505.76900	426.72830	100.30000	2.49827	472.92990	856.62990	.93144	2030.80499
GRADIENT		.07456	.01410	-.00092	-.00009	-.02388	.00018	.07493	-.00965	-.02650	.02413

(VCM065) ( 04 OCT 91 )

IA310 (AEDC 16TF-783) PROBE CALIBRATION

PARAMETRIC DATA

BETA = .250 PHI = 180.000

RUN NO. 1734/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	P	PT	Q(PSF)	T(R)	TT(F)	RN/L	PC	PREF	SH10+3	PATM
1.249	-4.991	462.83230	1197.97000	505.76760	426.73510	100.30000	2.49829	472.96000	856.59990	.92389	2030.80499
1.250	-4.732	462.69310	1197.92999	505.77780	426.70240	100.30000	2.49819	472.81980	856.61990	.92643	2030.84000
1.250	-4.485	462.55300	1198.00000	505.84400	426.65840	100.30000	2.49832	472.67990	856.61990	.92889	2030.87500
1.250	-4.232	462.57230	1198.08000	505.88040	426.65550	100.30000	2.49848	472.70000	856.61990	.93135	2030.94501
1.250	-3.979	462.64330	1197.91000	505.77860	426.69140	100.30000	2.49815	472.76980	856.61990	.93401	2030.91000
1.250	-3.732	462.67240	1198.05000	505.84330	426.68480	100.30000	2.49843	472.79980	856.60990	.93390	2030.91000
1.250	-3.479	462.55250	1198.09000	505.88990	426.64920	100.30000	2.49850	472.67990	856.60990	.93640	2030.91000
1.250	-3.226	462.81980	1198.36000	505.96830	426.69210	100.30000	2.49909	472.95000	856.60990	.94128	2030.91000
1.250	-2.977	462.65330	1197.92000	505.78150	426.69310	100.30000	2.49817	472.77980	856.59990	.93908	2030.91000
GRADIENT		-.01584	.08203	.04525	-.01253	-.00002	.00017	-.01539	-.00412	.00815	-.04347

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(VCM066) ( 04 OCT 91 )

PARAMETRIC DATA

BETA = .500 PHI = 180.000

RUN NO. 1735/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	P	PT	Q(PSF)	T(R)	TT(F)	RN/L	PC	PREF	SH10+3	PATM
1.250	-4.984	462.39310	1198.05000	505.90430	426.61130	100.30000	2.49840	472.51980	856.57980	1.01274	2030.91000
1.250	-4.725	462.75290	1197.92999	505.76460	426.64210	100.20000	2.49879	472.87990	856.57980	1.01557	2030.91000
1.250	-4.471	462.65230	1198.06000	505.85280	426.60230	100.20000	2.49904	472.77980	856.57980	1.01546	2030.91000
1.250	-4.221	462.68310	1197.95000	505.79030	426.62160	100.20000	2.49882	472.80980	856.57980	1.01829	2030.91000
1.250	-3.972	462.69340	1197.88000	505.75270	426.63130	100.20000	2.49868	472.81980	856.57980	1.01835	2030.91000
1.250	-3.717	462.74270	1197.99001	505.79760	426.63330	100.20000	2.49891	472.86990	856.57980	1.01552	2030.87500
1.250	-3.466	462.54390	1197.84000	505.76490	426.59620	100.20000	2.49858	472.66990	856.54980	.93660	2030.91000
1.250	-3.210	462.53220	1198.14000	505.91970	426.56250	100.20000	2.49919	472.65990	856.56980	.93130	2030.91000
1.250	-2.963	462.66210	1198.05000	505.84550	426.60600	100.20000	2.49902	472.78980	856.57980	.93137	2030.91000
GRADIENT		.01716	.01500	.00398	-.01727	-.02656	.00019	.01750	-.00614	-.04878	-.00250

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(VCM067) ( 04 OCT 91 )

PARAMETRIC DATA

BETA = .750 PHI = 180.000

RUN NO. 1736/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	P	PT	Q(PSPF)	T(R)	TT(F)	RN/L	PC	PREF	SH10+3	PATM
1.250	-4.976	462.63480	1197.72000	505.68430	426.63230	100.20000	2.49835	472.75980	856.53980	.93416	2030.80499
1.250	-4.715	462.54270	1198.05000	505.87160	426.57450	100.20000	2.49901	472.66990	856.52980	.93898	2030.80499
1.250	-4.464	462.58470	1197.72000	505.69510	426.61910	100.20000	2.49834	472.71000	856.52980	.94690	2030.77000
1.250	-4.212	462.51250	1198.07001	505.88820	426.56450	100.20000	2.49904	472.63990	856.51980	.94919	2030.80499
1.250	-3.960	462.56250	1198.06000	505.87230	426.57860	100.20000	2.49903	472.68990	856.52980	.94407	2030.84000
1.250	-3.708	462.52290	1198.05000	505.87600	426.56910	100.20000	2.49900	472.64990	856.52980	.94664	2030.84000
1.250	-3.453	462.66330	1197.92000	505.77930	426.61940	100.20000	2.49876	472.78980	856.52980	.94674	2030.84000
1.250	-3.203	462.49390	1197.91000	505.81150	426.57570	100.20000	2.49872	472.61990	856.51980	.94931	2030.84000
1.250	-2.947	462.79220	1198.00000	505.79170	426.64530	100.20000	2.49894	472.91990	856.51000	.94412	2030.84000
	GRADIENT	.04289	.07131	.02684	.00396	-.00001	.00015	.04351	-.00938	.00448	.02758

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(VCM068) ( 04 OCT 91 )

PARAMETRIC DATA

BETA = 1.000 PHI = 180.000

RUN NO. 1737/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	P	PT	Q(PSPF)	T(R)	TT(F)	RN/L	PC	PREF	SH10+3	PATM
1.250	-4.968	462.60350	1197.91000	505.78740	426.60470	100.20000	2.49873	472.73000	856.50000	.94419	2030.91000
1.250	-4.705	462.59370	1197.87000	505.76930	426.60620	100.20000	2.49865	472.72000	856.50000	.94422	2030.91000
1.250	-4.455	462.52340	1197.95000	505.82520	426.57960	100.20000	2.49880	472.64990	856.48000	.94416	2030.91000
1.250	-4.206	462.55320	1197.95000	505.81860	426.58740	100.20000	2.49880	472.67990	856.50000	.94672	2030.91000
1.250	-3.950	462.46260	1198.07001	505.89920	426.55130	100.20000	2.49904	472.58980	856.47000	.94662	2030.91000
1.250	-3.694	462.69340	1197.89000	505.75760	426.63040	100.20000	2.49870	472.81980	856.50000	.94933	2030.91000
1.250	-3.440	462.76220	1198.00999	505.80320	426.63620	100.20000	2.49895	472.88990	856.48000	.94924	2030.91000
1.250	-3.190	462.43360	1197.96001	505.84990	426.55490	100.20000	2.49881	472.55980	856.47000	.94671	2030.87500
1.250	-2.938	462.50240	1198.11000	505.91090	426.55760	100.20000	2.49913	472.62990	856.48000	.94403	2030.91000
	GRADIENT	-.01723	.07400	.04128	-.01216	-.00001	.00015	-.01689	-.01126	.00129	-.00698

IA310 (AEDC 16TF-783) TABULATED DATA  
IA310 (AEDC 16TF-783) REPEAT RUNS

(VCMO69) ( 04 OCT 91 )

PARAMETRIC DATA

BETA = .000 PHI = 180.000

GRADIENT INTERVAL = 2.50 RN/L = 0

MACH	ALPHA	P	PT	Q(PSF)	T(R)	TT(F)	RN/L	PC	PREF	SH10+3	PATM
.599	-7.999	1252.57100	1596.97000	315.06810	522.05130	99.89999	2.49783	1262.32001	1301.19000	8.23730	2030.03500
.599	-6.982	1252.66100	1597.05000	315.06200	522.05440	99.89999	2.49787	1262.41000	1301.17000	8.39745	2030.00000
.600	-5.975	1251.80400	1596.73000	315.49580	521.98220	99.89999	2.49918	1261.56000	1301.16000	8.61211	2030.03500
.600	-4.979	1251.75400	1597.17999	315.91460	521.93430	99.89999	2.50108	1261.52000	1301.16000	8.94663	2030.00000
.600	-3.977	1251.87700	1597.13000	315.77200	521.76710	99.70000	2.50166	1261.64000	1301.16000	9.26024	2030.03500
.600	-2.974	1251.72701	1597.00999	315.79390	521.85380	99.80000	2.50106	1261.49001	1301.16000	9.73095	2030.07001
.600	-1.968	1251.60100	1596.75999	315.68800	521.86210	99.80000	2.50047	1261.36000	1301.17000	9.95659	2030.07001
.601	-.949	1251.61400	1597.09000	315.95410	521.92600	99.89999	2.50115	1261.38000	1301.17000	10.18316	2030.07001
.600	-.078	1252.32500	1597.06000	315.34550	522.20020	100.10000	2.49777	1262.08000	1301.14000	8.98165	2030.21001
.600	.971	1251.95599	1597.25999	315.81670	522.13750	100.10000	2.49965	1261.72000	1301.14000	8.96333	2030.24500
.600	1.989	1251.81599	1597.11000	315.80490	522.04150	100.00000	2.50005	1261.58000	1301.13000	8.92990	2030.24500
GRADIENT		.03042	.00746	-.01867	.04402	.04406	-.00031	.03012	-.00441	-.04140	.03809

GRADIENT INTERVAL = 2.50 RN/L = 0

MACH	ALPHA	P	PT	Q(PSF)	T(R)	TT(F)	RN/L	PC	PREF	SH10+3	PATM
.800	-7.999	880.01950	1341.16000	394.03440	495.92580	99.70000	2.50051	889.91990	1045.49001	5.51982	2029.16000
.800	-6.978	879.65330	1341.34000	394.41700	495.75930	99.59999	2.50228	889.55980	1045.49001	5.54474	2029.16000
.800	-5.977	880.07420	1340.89999	393.80520	495.78490	99.50000	2.50077	889.97000	1045.47000	5.57237	2029.12500
.800	-4.976	879.71460	1341.30000	394.34570	495.68480	99.50000	2.50262	889.61990	1045.45000	5.34252	2029.09000
.800	-3.981	879.44340	1341.22000	394.44790	495.56080	99.39999	2.50344	889.34990	1045.44000	5.39280	2029.12500
.800	-2.974	879.46560	1341.07001	394.34470	495.49150	99.30000	2.50352	889.36990	1045.42999	5.43116	2029.12500
.801	-1.972	879.09960	1341.22000	394.70430	495.41670	99.30000	2.50463	889.01000	1045.42000	5.46854	2029.12500
.800	-.965	879.29490	1340.99001	394.40140	495.47270	99.30000	2.50358	889.20000	1045.41000	5.46948	2029.16000
.800	.147	879.32010	1340.66000	394.13990	495.42290	99.20000	2.50311	889.22000	1045.39999	5.47084	2029.12500
.800	.988	879.83150	1340.92999	393.99240	495.29930	99.00000	2.50417	889.73000	1045.37000	5.79593	2029.23000
.800	1.998	880.00200	1341.02000	393.94310	495.31710	99.00000	2.50414	889.89990	1045.35001	5.82239	2029.30000
GRADIENT		.04287	-.05896	-.07279	-.04783	-.06874	.00014	.04156	-.01364	.06476	.02389

GRADIENT INTERVAL = 2.50 RN/L = 0

MACH	ALPHA	P	PT	Q(PSF)	T(R)	TT(F)	RN/L	PC	PREF	SH10+3	PATM
.900	-8.000	752.69430	1272.78000	426.60280	481.58500	99.89999	2.49898	762.70000	980.52980	1.57684	2028.88000
.899	-6.979	753.26320	1273.17999	426.53910	481.64580	99.89999	2.49933	763.26980	980.58980	1.56822	2028.88000
.900	-5.970	752.78540	1272.73000	426.51420	481.77930	100.10000	2.49757	762.78980	980.66990	1.56878	2028.84500
.900	-4.971	752.44140	1272.85001	426.80130	481.70340	100.10000	2.49834	762.45000	980.71000	1.56863	2028.84500
.900	-3.977	752.81690	1273.37000	426.93510	481.62990	100.00000	2.49985	762.82980	980.76980	1.56394	2028.84500
.900	-2.966	752.34370	1272.64000	426.71530	481.79420	100.20000	2.49732	762.34980	980.84990	1.55276	2028.84500
.900	-1.966	752.68380	1272.81000	426.62940	481.66600	100.00000	2.49849	762.68990	980.91990	1.54454	2028.88000
.900	-.955	752.52910	1273.07001	426.90040	481.60960	100.00000	2.49941	762.53980	980.98000	1.54024	2028.84500
.900	-.086	752.31450	1272.55000	426.67070	481.79860	100.20000	2.49711	762.31980	982.20000	1.40702	2028.91499
.900	.994	752.31790	1272.33000	426.51780	481.82300	100.20000	2.49651	762.31980	982.24000	1.40727	2028.88000
.900	2.003	753.21780	1273.53000	426.80640	481.85790	100.20000	2.49861	763.23000	982.26980	1.40594	2028.88000
GRADIENT		.03313	-.00445	-.02277	.02387	.02016	-.00017	.03280	-.26690	-.02818	.00702

IA310 (AEDC 16TF-783) REPEAT RUNS

(VCM069) ( 04 OCT 91 )

PARAMETRIC DATA

BETA = .000 PHI = 180.000

RUN NO. 1739/ O RN/L = 2.51 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	P	PT	Q(PSSF)	T(R)	TT(F)	RN/L	PC	PREF	SH10+3	PATM
1.099	-8.003	565.66890	1206.38000	478.30660	449.48070	98.39999	2.50900	575.85990	912.25000	.98961	2030.42000
1.101	-6.975	564.57570	1206.39999	478.75020	449.23020	98.39999	2.50957	574.75980	912.22000	.99494	2030.38499
1.101	-5.975	564.38940	1206.05000	478.62040	449.22510	98.39999	2.50885	574.57980	912.20000	1.02238	2030.38499
1.100	-4.978	564.73220	1205.85001	478.36870	449.32420	98.39999	2.50823	574.91990	912.16990	1.03638	2030.42000
1.100	-3.968	564.71090	1205.97000	478.44680	449.38720	98.50000	2.50793	574.89990	912.16990	1.05875	2030.38499
1.100	-2.977	564.62080	1205.96001	478.47660	449.36770	98.50000	2.50795	574.80980	912.12990	1.01697	2030.38499
1.100	-1.970	564.60080	1205.94000	478.47290	449.36550	98.50000	2.50791	574.78980	912.11990	1.02247	2030.35001
1.100	-.971	564.81930	1206.12000	478.49120	449.39580	98.50000	2.50822	575.01000	912.09990	1.02783	2030.31500
1.100	.041	565.03030	1206.09000	478.39060	449.44700	98.50000	2.50805	575.22000	912.06980	1.03339	2030.31500
1.100	1.007	564.86040	1206.05000	478.43430	449.49320	98.59999	2.50745	575.04980	911.99000	1.05868	2030.31500
1.100	2.014	564.99100	1206.03000	478.37110	449.52490	98.59999	2.50734	575.17990	911.98000	1.06154	2030.24500
	GRADIENT	.04782	.02663	-.00340	.02625	.02622	-.00009	.04799	-.02893	.00274	-.02172

RUN NO. 1723/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	P	PT	Q(PSSF)	T(R)	TT(F)	RN/L	PC	PREF	SH10+3	PATM
1.250	-7.999	462.66280	1197.98000	505.80980	426.91800	100.60000	2.49653	472.78980	855.93990	1.04320	2030.84000
1.250	-6.974	462.36180	1198.25000	506.01270	426.81130	100.60000	2.49704	472.49000	855.98000	1.04296	2030.80499
1.250	-5.971	462.55370	1197.89000	505.78810	426.89840	100.60000	2.49633	472.67990	856.00000	1.04889	2030.80499
1.250	-4.969	462.26460	1197.87000	505.84130	426.74800	100.50000	2.49684	472.38990	856.02980	1.04610	2030.80499
1.250	-3.973	462.42240	1198.14000	505.94360	426.76220	100.50000	2.49741	472.54980	856.02980	1.03468	2030.77000
1.250	-2.972	462.65210	1198.11000	505.87820	426.82570	100.50000	2.49738	472.77980	856.08980	1.03471	2030.80499
1.250	-1.970	462.55350	1197.92999	505.80830	426.81810	100.50000	2.49700	472.67990	856.09990	1.03765	2030.77000
1.250	-.960	462.56270	1198.03000	505.85720	426.81030	100.50000	2.49721	472.68990	856.10990	1.03478	2030.73500
1.250	.118	462.58230	1198.06000	505.86790	426.81250	100.50000	2.49727	472.71000	856.12990	1.03475	2030.73500
1.250	.996	462.69310	1197.92000	505.77290	426.85600	100.50000	2.49700	472.81980	856.17990	1.02656	2030.70000
1.250	2.008	462.49100	1198.32001	506.01980	426.76200	100.50000	2.49779	472.61990	856.17990	1.02622	2030.70000
	GRADIENT	.03261	.02378	.00491	.00619	-.00000	.00005	.03288	.02296	-.00216	-.01583

RUN NO. 1712/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	P	PT	Q(PSSF)	T(R)	TT(F)	RN/L	PC	PREF	SH10+3	PATM
1.400	-7.997	381.82450	1214.92999	523.80200	402.50590	100.60000	2.49506	391.52980	872.98000	1.25930	2030.73500
1.400	-6.974	381.88010	1215.53000	524.06350	402.46610	100.60000	2.49620	391.58980	872.96000	1.25204	2030.73500
1.400	-5.972	381.56860	1214.71001	523.71090	402.44970	100.60000	2.49447	391.26980	872.92990	1.24629	2030.77000
1.400	-4.974	381.88280	1215.08000	523.86650	402.50930	100.60000	2.49538	391.58980	872.89990	1.24262	2030.73500
1.400	-3.973	381.67700	1214.75999	523.73050	402.47780	100.60000	2.49464	391.37990	872.87990	1.24624	2030.70000
1.400	-2.972	381.82420	1214.97000	523.81960	402.50220	100.60000	2.49514	391.52980	872.85990	1.23291	2030.70000
1.400	-1.972	381.78390	1215.06000	523.85960	402.40970	100.50000	2.49586	391.49000	872.85990	1.22957	2030.70000
1.400	-.966	381.68530	1215.00999	523.83980	402.38480	100.50000	2.49570	391.38990	872.82980	1.23287	2030.70000
1.399	.111	382.11110	1214.92000	523.79170	402.52150	100.50000	2.49585	391.81980	872.80980	1.23623	2030.73500
1.400	.998	381.90360	1214.92999	523.80030	402.45800	100.50000	2.49571	391.60990	872.74000	1.23622	2030.73500
1.400	2.020	381.90280	1215.03999	523.84860	402.44730	100.50000	2.49591	391.60990	872.70000	1.22634	2030.77000
	GRADIENT	.02463	.00431	.00138	-.00583	-.01787	.00013	.02494	-.02703	-.00179	.00623

(VCM069) ( 04 OCT 91 )

PARAMETRIC DATA

BETA = .000 PHI = 180.000

RUN NO. 1705/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	P	PT	Q(PSF)	T(R)	TT(F)	RN/L	PC	PREF	SH10+3	PATM
1.450	-7.994	358.88480	1225.88000	528.12820	394.50120	100.70000	2.49482	368.35990	883.92990	1.29153	2030.56000
1.450	-6.971	358.69730	1225.92999	528.13920	394.43770	100.70000	2.49473	368.16990	883.96000	1.28470	2030.52499
1.450	-5.968	359.05220	1225.89000	528.14090	394.55270	100.70000	2.49500	368.52980	883.96000	1.28474	2030.49001
1.450	-4.971	358.74660	1225.92999	528.14180	394.45310	100.70000	2.49478	368.22000	883.97000	1.29148	2030.56000
1.450	-3.968	358.83590	1225.81000	528.09670	394.42190	100.60000	2.49525	368.30980	884.01000	1.29161	2030.56000
1.450	-2.965	358.89400	1225.99001	528.17460	394.42360	100.60000	2.49562	368.36990	884.01000	1.29142	2030.52499
1.450	-1.961	358.88380	1226.10001	528.21970	394.41020	100.60000	2.49580	368.35990	884.02980	1.29130	2030.52499
1.450	-.944	358.61870	1225.89000	528.11870	394.34620	100.60000	2.49518	368.08980	884.03980	1.29493	2030.52499
1.449	-.091	359.22800	1226.21001	528.28300	394.57860	100.70000	2.49573	368.71000	884.08980	1.31173	2030.52499
1.450	.974	358.87550	1225.75999	528.07790	394.50930	100.70000	2.49460	368.34990	884.09990	1.30876	2030.52499
1.450	2.001	358.86250	1226.36000	528.32670	394.45000	100.70000	2.49564	368.33980	884.09990	1.31157	2030.49001
GRADIENT		.01998	.03841	.01700	.00937	.00941	.00003	.02048	.01927	.00347	-.00804

RUN NO. 1698/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	P	PT	Q(PSF)	T(R)	TT(F)	RN/L	PC	PREF	SH10+3	PATM
1.471	-7.998	347.88310	1225.50999	527.23538	390.17260	100.30000	2.49668	357.22000	887.46000	1.23201	2030.38499
1.471	-6.970	347.94120	1225.63254	527.28960	390.17500	100.30000	2.49725	357.27980	887.46000	1.23509	2030.38499
1.472	-5.972	347.79390	1225.52167	527.23180	390.13600	100.30000	2.49694	357.12990	887.47000	1.23518	2030.35001
1.471	-4.970	347.84420	1225.19762	527.10452	390.10790	100.20000	2.49711	357.17990	887.48000	1.23873	2030.38499
1.471	-3.973	348.18900	1225.16248	527.11840	390.29080	100.30000	2.49682	357.52980	887.48000	1.24202	2030.42000
1.471	-2.970	347.96220	1225.32312	527.16516	390.20530	100.30000	2.49683	357.29980	887.48000	1.23862	2030.45500
1.471	-1.962	348.05980	1225.44525	527.22355	390.15700	100.20000	2.49772	357.39990	887.48000	1.23851	2030.49001
1.470	-.947	347.97950	1223.32355	526.34942	390.10030	100.20000	2.49822	357.31980	887.48000	1.36828	2030.45500
1.469	.149	348.05050	1222.27794	525.92841	390.16380	100.20000	2.49752	357.38990	887.49000	1.40139	2030.42000
1.469	.980	348.00150	1221.54694	525.62608	390.15090	100.20000	2.49741	357.33980	887.50000	1.43849	2030.42000
1.469	2.007	348.09910	1221.67307	525.68501	390.16500	100.20000	2.49784	357.43990	887.50000	1.44203	2030.45500
GRADIENT		.01232	-.64350	-.26192	-.00577	-.00958	.00013	.01266	.00320	.03603	.00415

RUN NO. 1668/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	P	PT	Q(PSF)	T(R)	TT(F)	RN/L	PC	PREF	SH10+3	PATM
1.496	-7.999	337.78120	1233.62502	529.46005	386.63160	100.90000	2.49523	346.98000	945.77980	1.07786	2029.54500
1.497	-6.971	337.60380	1233.72150	529.47593	386.55760	100.90000	2.49533	346.79980	945.76980	1.08058	2029.58000
1.497	-5.968	337.59350	1233.81566	529.51217	386.54520	100.90000	2.49549	346.78980	945.79980	1.08050	2029.58000
1.496	-4.966	337.67430	1233.31122	529.32223	386.68870	101.00000	2.49407	346.86990	945.78980	1.08097	2029.50999
1.497	-3.969	337.40330	1232.47920	528.96056	386.61230	100.90000	2.49281	346.58980	945.80980	1.07600	2029.58000
1.497	-2.967	337.09330	1231.49928	528.53400	386.66990	101.00000	2.49014	346.26980	945.79980	1.07401	2029.61501
1.497	-1.965	337.11080	1231.95682	528.71774	386.62920	101.00000	2.49104	346.28980	945.79980	1.07643	2029.61501
1.497	-.953	337.38210	1232.84052	529.10086	386.64040	101.00000	2.49283	346.56980	945.79980	1.07567	2029.61501
1.497	.161	337.42160	1232.64491	529.02795	386.65970	101.00000	2.49276	346.60990	945.77980	1.08438	2029.61501
1.496	.878	337.56930	1232.48378	528.98197	386.78590	101.00000	2.49217	346.75980	945.81980	1.09027	2029.58000
1.496	1.999	337.53930	1232.57704	529.01521	386.76250	101.00000	2.49239	346.73000	945.78980	1.09305	2029.58000
GRADIENT		.01308	-.00908	-.00201	.01594	.02008	-.00006	.01343	-.00026	.03221	-.00603

IA310 (AEDC 16TF-783) REPEAT RUNS

(VCM069) ( 04 OCT 91 )

PARAMETRIC DATA

BETA = .000 PHI = 180.000

RUN NO. 1686/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	P	PT	Q (PSF)	T (R)	TT (F)	RN/L	PC	REF	SH10+3	PATM
1.520	-7.997	327.34330	1237.04378	529.35477	382.26270	100.40000	2.49655	336.36990	911.88990	1.15822	2030.03500
1.520	-6.969	327.26610	1236.68816	529.20583	382.26420	100.40000	2.49593	336.28980	911.85990	1.16158	2030.03500
1.520	-5.968	327.38280	1236.99091	529.34100	382.28120	100.40000	2.49650	336.40990	911.85990	1.15827	2030.00000
1.520	-4.966	327.31540	1236.64211	529.19462	382.28930	100.40000	2.49583	336.33980	911.84990	1.15860	2030.03500
1.520	-3.970	327.13890	1236.66246	529.17490	382.23050	100.40000	2.49561	336.15990	911.83980	1.15553	2030.03500
1.520	-2.967	327.29490	1236.96060	529.31509	382.32980	100.50000	2.49561	336.31980	911.84990	1.15224	2030.00000
1.520	-1.965	327.38350	1236.85083	529.28632	382.36650	100.50000	2.49558	336.40990	911.82980	1.15538	2030.00000
1.520	.163	327.23680	1236.84645	529.26141	382.32790	100.50000	2.49520	336.25980	911.78980	1.14633	2030.00000
1.520	.984	327.33370	1237.31079	529.45632	382.33130	100.50000	2.49587	336.35990	911.74000	1.13693	2030.03500
1.520	2.000	327.37380	1237.03496	529.35567	382.37010	100.50000	2.49544	336.39990	911.72000	1.13719	2030.00000
GRADIENT		.01306	.07130	.02961	.01201	.01434	-.00003	.01343	-.01907	-.00320	-.00255

RUN NO. 1679/ O RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	P	PT	Q (PSF)	T (R)	TT (F)	RN/L	PC	REF	SH10+3	PATM
1.545	-7.992	316.58760	1241.84787	529.31249	378.38480	101.20000	2.49248	325.41990	911.91990	1.33273	2029.75500
1.542	-6.974	317.86380	1240.79028	529.15784	378.93290	101.20000	2.49211	326.72000	911.92990	1.33063	2029.78999
1.543	-5.972	317.29570	1240.95078	529.11127	378.71850	101.20000	2.49171	326.13990	911.93990	1.33037	2029.75500
1.543	-4.971	317.22800	1240.65030	528.98394	378.72140	101.20000	2.49113	326.06980	911.96000	1.33069	2029.78999
1.543	-3.969	317.13260	1239.95296	528.70332	378.74490	101.20000	2.48993	325.97000	911.97000	1.33488	2029.75500
1.542	-2.968	317.64090	1240.11598	528.86085	378.84200	101.10000	2.49140	326.49000	911.98000	1.33477	2029.72000
1.543	-.952	317.22920	1240.19489	528.81016	378.83080	101.10000	2.49115	326.42990	912.00000	1.33488	2029.72000
1.543	.164	317.64840	1240.75888	529.10526	378.78760	101.10000	2.49249	326.50000	912.01980	1.33407	2029.75500
1.543	.983	317.62890	1240.78937	529.11320	378.78720	101.10000	2.49243	326.48000	912.04980	1.33060	2029.78999
1.543	1.994	317.64770	1241.19150	529.26938	378.76760	101.10000	2.49286	326.50000	912.04980	1.31991	2029.78999
GRADIENT		.06084	.11991	.05694	.00245	-.01436	.00033	.06255	.01375	-.00112	.00365



IA310 (AEDC 16TF-783) TABULATED DATA  
IA310 (AEDC 16TF-783) REPEAT RUNS

PARAMETRIC DATA

ALPHA = -4.000 PHI = 180.000

	RUN NO.	1674/ 0	RN/L =	2.50	GRADIENT INTERVAL =	-5.00/	5.00										
BETA		PT	Q(PSF)	T(R)	TT(F)	RN/L	PC	PREF	SH10+3	PATM							
-3.798	1251.50900	1597.25000	316.17430	522.08520	100.10000	2.50034	1261.28000	1301.03000	6.64267	2030.24500							
-2.772	1251.58000	1597.25999	316.12480	521.99850	100.00000	2.50134	1261.35000	1301.03000	6.56428	2030.17500							
-1.749	1251.26700	1596.64999	315.86890	521.92580	99.89999	2.50046	1261.03000	1301.00999	6.50214	2030.21001							
-.732	1251.53000	1597.17999	316.09810	522.00100	100.00000	2.50117	1261.30000	1301.00000	6.41041	2030.21001							
-.290	1251.30000	1597.07001	316.19510	521.98360	100.00000	2.50143	1261.07001	1301.02000	6.12437	2030.24500							
.738	1251.64000	1596.82001	315.70610	522.14090	100.10000	2.49888	1261.39999	1301.02000	6.01641	2030.24500							
1.758	1251.97701	1596.73000	315.35400	522.09620	100.00000	2.49809	1261.73000	1301.03000	5.92140	2030.24500							
2.783	1251.82401	1597.25999	315.92480	521.93510	99.89999	2.50118	1261.59000	1301.05000	5.83714	2030.24500							
3.824	1251.99400	1597.36000	315.86940	522.22580	100.20000	2.49936	1261.75999	1301.07001	5.73252	2030.28000							
GRADIENT		.00576	-.05767	.01503	.00696	-.00024	.07519	.00504	-.13085	.00796							

	RUN NO.	1750/ 0	RN/L =	2.51	GRADIENT INTERVAL =	-5.00/	5.00										
BETA		PT	Q(PSF)	T(R)	TT(F)	RN/L	PC	PREF	SH10+3	PATM							
-3.857	880.28490	1340.35001	393.25460	494.99000	98.50000	2.50448	890.16990	1044.95000	7.62348	2030.45500							
-2.832	879.95190	1340.97000	393.93990	494.87110	98.50000	2.50697	889.84990	1044.92000	7.61992	2030.42000							
-1.818	880.07010	1341.82001	394.48880	494.80050	98.50000	2.50934	889.98000	1044.91000	7.58481	2030.42000							
-.810	880.53760	1342.28000	394.51120	494.82710	98.50000	2.50991	890.45000	1044.89999	7.53706	2030.38499							
-.212	879.64580	1341.14999	394.28120	494.80300	98.50000	2.50806	889.54980	1044.89999	7.36530	2030.31500							
.826	879.40060	1340.71001	394.12260	494.72120	98.39999	2.50774	889.29980	1044.87000	7.26554	2030.28000							
1.837	879.40990	1340.75000	394.14580	494.71850	98.39999	2.50784	889.30980	1044.84000	7.19311	2030.21001							
2.848	879.57350	1340.62000	393.93850	494.75850	98.39999	2.50716	889.47000	1044.85001	7.15080	2030.14000							
3.869	879.77250	1340.83000	393.95870	494.67970	98.30000	2.50802	889.66990	1044.83000	7.09268	2030.14000							
GRADIENT		-.04439	.03196	-.03250	-.02467	.00018	-.09499	-.01513	-.07989	-.04595							

	RUN NO.	1663/ 0	RN/L =	2.50	GRADIENT INTERVAL =	-5.00/	5.00										
BETA		PT	Q(PSF)	T(R)	TT(F)	RN/L	PC	PREF	SH10+3	PATM							
-3.844	753.15450	1273.03000	426.50070	481.98660	100.30000	2.49675	763.15990	983.75000	1.28009	2028.91499							
-2.815	752.32100	1272.80000	426.83860	481.85890	100.30000	2.49721	762.32980	983.75980	1.27697	2028.91499							
-1.803	752.40670	1273.16000	427.03490	481.83570	100.30000	2.49808	762.41990	983.81980	1.26658	2028.88000							
-.791	752.67410	1272.78000	426.61470	481.92550	100.30000	2.49670	762.67990	983.85990	1.25041	2028.91499							
-.227	752.73880	1273.21001	426.87180	481.89110	100.30000	2.49779	762.75000	984.01980	1.24343	2028.91499							
.813	752.42360	1272.69000	426.70210	481.88960	100.30000	2.49678	762.42990	984.03980	1.23740	2028.91499							
1.818	752.60860	1273.14000	426.90110	481.87480	100.30000	2.49777	762.61990	984.08980	1.22400	2028.95000							
2.839	752.90530	1272.81000	426.49780	481.96460	100.30000	2.49648	762.90990	984.09990	1.20828	2028.95000							
3.865	752.95510	1272.86000	426.50240	481.96850	100.30000	2.49655	762.96000	984.15990	1.20187	2028.91499							
GRADIENT		-.01494	-.02178	.00515	-.00000	-.00007	.01901	-.05895	-.01088	.00423							

IA310 (AEDC 16TF-783) REPEAT RUNS

( VCM070 ) ( 04 OCT 91 )

PARAMETRIC DATA

MACH	BETA	P	PT	O	RN/L =	T(R)	TT(F)	RN/L	PC	PREF	SH10+3	PATM
1.100	-3.945	565.09890	1206.23000	478.44480	2.51	449.68920	98.80000	2.50658	575.28980	911.50000	1.08145	2030.07001
1.100	-2.928	564.84810	1206.24001	478.54960	2.50	449.63110	98.80000	2.50672	575.03980	911.51000	1.08433	2030.07001
1.099	-1.929	565.32980	1206.21001	478.34180	2.50	449.74390	98.80000	2.50643	575.51980	911.48000	1.08727	2030.10500
1.100	-.941	564.90060	1206.03000	478.40670	2.50	449.66550	98.80000	2.50622	575.08980	911.48000	1.09034	2030.10500
1.100	-.084	564.79910	1206.14000	478.51100	2.50	449.71120	98.89999	2.50593	574.99000	911.45000	1.08733	2030.14000
1.100	.958	565.06980	1206.14999	478.40970	2.50	449.77150	98.89999	2.50583	575.26000	911.42990	1.09023	2030.14000
1.100	1.961	565.06010	1206.12000	478.39600	2.50	449.77270	98.89999	2.50576	575.25000	911.38990	1.08444	2030.17500
1.100	2.955	565.15110	1206.06000	478.32520	2.50	449.79980	98.89999	2.50558	575.33980	911.38990	1.08160	2030.17500
1.100	3.979	565.01270	1205.86000	478.26340	2.50	449.78960	98.89999	2.50519	575.20000	911.38990	1.07026	2030.17500
GRADIANT	.00361	-.03545		-.02206		.01813	.01679	-.00018	.00322	-.01744	-.00101	.01538

ALPHA = -4.000 PHI = 180.000

GRADIENT INTERVAL = -5.00/ 5.00

GRADIENT INTERVAL = -5.00/ 5.00

RN/L = 2.50

MACH	BETA	P	PT	O	RN/L =	T(R)	TT(F)	RN/L	PC	PREF	SH10+3	PATM
1.250	-3.880	462.69210	1198.08000	505.85420	2.49	426.68700	100.30000	2.49850	472.81980	856.51000	.99916	2030.59500
1.250	-2.850	462.56370	1197.89000	505.78590	2.49	426.67260	100.30000	2.49810	472.68990	856.50000	1.00202	2030.59500
1.250	-1.844	462.49270	1198.08000	505.89770	2.49	426.63450	100.30000	2.49847	472.61990	856.51000	1.00727	2030.63000
1.250	-.837	462.49320	1198.00000	505.85720	2.49	426.64260	100.30000	2.49831	472.61990	856.52980	1.00734	2030.63000
1.250	-.177	462.68260	1198.00999	505.82080	2.49	426.69170	100.30000	2.49836	472.80980	856.52980	1.00733	2030.66499
1.250	.878	462.75220	1198.00999	505.80570	2.49	426.71000	100.30000	2.49836	472.87990	856.52980	1.00192	2030.66499
1.250	1.874	462.70290	1197.94000	505.78080	2.49	426.70410	100.30000	2.49821	472.82980	856.52980	.99928	2030.70000
1.249	2.908	462.75340	1197.86000	505.72920	2.49	426.72560	100.30000	2.49806	472.87990	856.52980	1.00204	2030.70000
1.249	3.911	462.91060	1198.17999	505.85670	2.49	426.73440	100.30000	2.49873	473.03980	856.52980	1.00178	2030.70000
GRADIANT	.03627	-.00085		-.00753		.00947	.00000	.00001	.03639	.00358	-.00018	.01570

ALPHA = -4.000 PHI = 180.000

GRADIENT INTERVAL = -5.00/ 5.00

RN/L = 2.50

GRADIENT INTERVAL = -5.00/ 5.00

RN/L = 2.49

MACH	BETA	P	PT	O	RN/L =	T(R)	TT(F)	RN/L	PC	PREF	SH10+3	PATM
1.400	-3.892	381.97360	1214.78000	523.73340	2.49	402.63700	100.70000	2.49431	391.67990	873.59990	1.13271	2031.08501
1.400	-2.866	381.52950	1214.61000	523.66800	2.49	402.51930	100.70000	2.49367	391.23000	873.59990	1.12685	2031.08501
1.400	-1.858	381.75560	1214.84000	523.76420	2.49	402.56570	100.70000	2.49426	391.46000	873.59990	1.12964	2031.15500
1.400	-.851	381.61600	1215.03000	523.84990	2.49	402.50560	100.70000	2.49450	391.31980	873.57980	1.12946	2031.12000
1.400	-.163	381.76610	1214.75999	523.72880	2.49	402.50440	100.60000	2.49471	391.47000	873.57980	1.13575	2031.12000
1.400	.886	381.89260	1215.10001	523.87500	2.49	402.51050	100.60000	2.49542	391.59990	873.55980	1.13543	2031.12000
1.400	1.894	381.77540	1214.84000	523.76370	2.49	402.42800	100.50000	2.49546	391.48000	873.53980	1.14174	2031.15500
1.399	2.898	382.04220	1214.88000	523.77590	2.49	402.50440	100.50000	2.49573	391.75000	873.52980	1.14474	2031.15500
1.400	3.926	381.87380	1214.94000	523.80540	2.49	402.44800	100.50000	2.49571	391.57980	873.52980	1.15079	2031.12000
GRADIANT	.02460	-.02662		.01115		-.01855	-.03261	.00026	.02502	-.01091	.00269	.00609

ALPHA = -4.000 PHI = 180.000

GRADIENT INTERVAL = -5.00/ 5.00

RN/L = 2.49

(VCM070) ( 04 OCT 91 )

IA310 (AEDC 16TF-783) REPEAT RUNS

PARAMETRIC DATA

ALPHA = -4.000 PHI = 180.000

RUN NO. 1708/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	P	PT	Q(PSF)	T(R)	TT(F)	RN/L	PC	PREF	SH10+3	PATM
1.450	-3.810	359.02270	1225.86000	528.12700	394.47580	100.60000	2.49551	368.50000	884.32980	1.29155	2030.35001
1.450	-2.773	358.81620	1225.81000	528.09550	394.41580	100.60000	2.49523	368.28980	884.33980	1.29161	2030.38499
1.450	-1.757	358.89210	1226.35001	528.32400	394.38990	100.60000	2.49625	368.36990	884.35990	1.28764	2030.38499
1.450	-.740	358.76590	1226.03999	528.18870	394.37870	100.60000	2.49558	368.24000	884.34990	1.28120	2030.38499
1.450	-.276	359.12010	1226.14000	528.24830	394.48070	100.60000	2.49609	368.59990	884.39990	1.29126	2030.45500
1.450	.759	358.87550	1225.75999	528.07790	394.43900	100.60000	2.49519	368.34990	884.37990	1.28488	2030.45500
1.450	1.776	359.05250	1225.85001	528.12430	394.48610	100.60000	2.49552	368.52990	884.38990	1.28817	2030.45500
1.449	2.820	359.32640	1226.28000	528.31690	394.53250	100.60000	2.49654	368.80980	884.37990	1.28433	2030.49001
1.450	3.841	358.82540	1225.94000	528.15010	394.40650	100.60000	2.49546	368.29980	884.37990	1.28131	2030.52499
	GRADIENT	.01903	.00933	.00484	.00510	.00000	.00003	.01931	.00706	-.00109	-.02164

RUN NO. 1701/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	P	PT	Q(PSF)	T(R)	TT(F)	RN/L	PC	PREF	SH10+3	PATM
1.469	-3.822	348.04980	1222.71883	526.10803	390.07860	100.10000	2.49841	357.38990	887.48000	1.38662	2030.66499
1.469	-2.791	347.99270	1222.25143	525.91338	390.09640	100.10000	2.49765	357.32980	887.48000	1.39070	2030.63000
1.470	-1.772	347.88260	1222.76793	526.11456	390.02510	100.10000	2.49823	357.22000	887.48000	1.38299	2030.63000
1.470	-.761	347.98140	1222.75858	526.11893	390.06490	100.10000	2.49818	357.31980	887.45000	1.37948	2030.66499
1.470	-.253	347.96170	1222.60094	526.05364	390.06030	100.10000	2.49812	357.29980	887.47000	1.38674	2030.63000
1.470	.800	347.98140	1222.60318	526.05569	390.13620	100.20000	2.49755	357.31980	887.47000	1.38674	2030.59500
1.470	1.821	347.95190	1222.58012	526.04351	390.12870	100.20000	2.49748	357.28980	887.46000	1.38676	2030.59500
1.469	2.820	348.11990	1222.63712	526.08102	390.19140	100.20000	2.49749	357.46000	887.45000	1.37964	2030.59500
1.470	3.850	347.91330	1222.65172	526.06986	390.12820	100.20000	2.49722	357.25000	887.46000	1.37606	2030.56000
	GRADIENT	-.00072	.00703	.00283	.01340	.01765	-.00013	-.00079	-.00344	-.00113	-.01175

RUN NO. 1694/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	P	PT	Q(PSF)	T(R)	TT(F)	RN/L	PC	PREF	SH10+3	PATM
1.495	-3.837	337.38480	1229.58562	527.81026	386.14580	100.20000	2.49654	346.56980	910.48000	1.24537	2030.24500
1.495	-2.802	337.37280	1229.94609	527.95094	386.09890	100.20000	2.49734	346.55980	910.49000	1.25147	2030.28000
1.495	-1.786	337.45120	1230.17976	528.05322	386.11840	100.20000	2.49755	346.63990	910.49000	1.24154	2030.24500
1.495	-.778	337.55660	1230.77925	528.30296	386.10400	100.20000	2.49861	346.75000	910.49000	1.23772	2030.24500
1.495	.240	337.64480	1231.18439	528.47436	386.12480	100.20000	2.49887	346.83980	910.47000	1.21817	2030.28000
1.495	.799	337.54710	1230.80959	528.31433	386.17160	100.30000	2.49797	346.74000	910.41990	1.23447	2030.24500
1.495	1.817	337.43820	1230.68259	528.25074	386.12260	100.30000	2.49810	346.62990	910.43990	1.25071	2030.28000
1.495	2.838	337.54760	1230.01933	528.00089	386.18240	100.30000	2.49776	346.74000	910.40990	1.27763	2030.24500
1.494	3.869	337.60740	1227.90752	527.17020	386.21970	100.30000	2.49749	346.79980	910.38990	1.40067	2030.24500
	GRADIENT	.02404	-.10507	-.03888	.01097	.01756	.00009	.02493	-.01354	.01307	-.00077

08

IA310 (AEDC 16TF-783) REPEAT RUNS

(VCM070) ( 04 OCT 91 )

PARAMETRIC DATA

ALPHA = -4.000 PHI = 180.000

RUN NO. 1689/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	P	PT	Q(PSF)	T(R)	TT(F)	RN/L	PC	PREF	SH10+3	PATM
1.521	-3.833	327.27540	1237.96227	529.69909	382.45800	100.70000	2.49442	336.29380	911.33980	1.08383	2030.31500
1.521	-2.804	327.24580	1237.86812	529.65767	382.45260	100.70000	2.49430	336.26980	911.35990	1.08677	2030.28000
1.521	-1.786	327.17800	1237.59079	529.54022	382.44650	100.70000	2.49390	336.20000	911.33980	1.09275	2030.28000
1.520	-.775	327.21750	1237.55737	529.53341	382.46340	100.70000	2.49388	336.24000	911.34990	1.09278	2030.28000
1.520	-.241	327.45870	1238.51207	529.93983	382.39230	100.60000	2.49637	336.49000	911.31980	1.09195	2030.28000
1.520	.809	327.28540	1237.80563	529.63945	382.40360	100.60000	2.49483	336.30980	911.26980	1.08683	2030.24500
1.520	1.827	327.44310	1237.66545	529.60998	382.47490	100.60000	2.49468	336.47000	911.26000	1.08412	2030.24500
1.520	2.854	327.47170	1237.89244	529.70238	382.46410	100.60000	2.49510	336.50000	911.24000	1.08392	2030.24500
1.520	3.870	327.49020	1238.27167	529.85226	382.44750	100.60000	2.49556	336.51980	911.21000	1.07505	2030.21001
	GRADIENT	.03679	.02678	.01608	.00018	-.01712	.00016	.03756	-.01966	-.00119	-.01118

RUN NO. 1682/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	P	PT	Q(PSF)	T(R)	TT(F)	RN/L	PC	PREF	SH10+3	PATM
1.543	-3.836	317.48490	1241.23175	529.25664	378.79660	101.10000	2.49103	326.32980	912.11990	1.25330	2029.86000
1.543	-2.801	317.56130	1241.59015	529.40549	378.78300	101.10000	2.49189	326.40990	912.12990	1.25946	2029.86000
1.543	-1.788	317.59840	1242.16013	529.62868	378.74560	101.10000	2.49289	326.45000	912.12990	1.25887	2029.82500
1.544	-.776	317.45210	1242.11456	529.58315	378.70260	101.10000	2.49256	326.29980	912.13990	1.25564	2029.78999
1.543	-.240	317.78300	1242.58205	529.82279	378.77320	101.10000	2.49382	326.63990	912.12990	1.25846	2029.82500
1.543	.797	317.55050	1241.99054	529.55573	378.75270	101.10000	2.49239	326.39990	912.09990	1.25253	2029.82500
1.544	1.818	317.56010	1242.11923	529.60638	378.81640	101.20000	2.49193	326.40990	912.09990	1.24915	2029.82500
1.543	2.831	317.66970	1241.56647	529.41766	378.90380	101.20000	2.49113	326.51980	912.09990	1.24973	2029.82500
1.544	3.870	317.45240	1242.08701	529.57336	378.78150	101.20000	2.49175	326.29980	912.08980	1.24917	2029.78999
	GRADIENT	.00251	.05420	.02099	.00848	.01605	-.00003	.00269	-.00543	-.00121	-.00639

( VCMM071 ) ( 04 OCT 91 )

IA310 (AEDC 16TF-783) REPEAT RUNS

PARAMETRIC DATA

ALPHA = .000 PHI = 180.000

RUN NO. 1675/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	P	PT	Q(PSF)	T(R)	TT(F)	RN/L	PC	PREF	SH10+3	PATM
.601	-3.993	1251.17599	1597.14000	316.35520	521.96240	100.00000	2.50207	1260.95000	1301.02000	5.47456	2030.31500
.600	-2.974	1251.36400	1596.39999	315.57960	522.05400	100.00000	2.49863	1261.12000	1301.00000	5.42228	2030.24500
.601	-1.969	1251.24100	1596.94000	316.13380	521.98900	100.00000	2.50110	1261.00999	1300.99001	5.37693	2030.21001
.601	.950	1251.58099	1597.22000	316.09060	522.00320	100.00000	2.50118	1261.35001	1300.98000	5.28998	2030.28000
.600	-.173	1251.83099	1596.89999	315.61670	522.06300	100.00000	2.49919	1261.59000	1300.98000	5.14357	2030.28000
.601	.831	1251.58200	1597.14999	316.03080	522.01000	100.00000	2.50090	1261.35001	1301.00000	5.08075	2030.28000
.601	1.996	1251.64999	1597.31000	316.10940	522.00320	100.00000	2.50132	1261.42000	1301.00000	5.04949	2030.31500
.600	3.003	1252.06000	1597.12000	315.61380	522.06980	100.00000	2.49937	1261.82001	1301.00999	5.05010	2030.31500
.601	4.011	1251.79201	1597.33000	316.01000	522.01810	100.00000	2.50098	1261.56000	1300.98000	5.04943	2030.31500
GRADIENT		.08949	.06049	-.02253	.00502	-.00000	-.00003	.08932	-.00150	-.06117	.00704

RUN NO. 1751/ 0 RN/L = 2.51 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	P	PT	Q(PSF)	T(R)	TT(F)	RN/L	PC	PREF	SH10+3	PATM
.799	-3.996	880.32840	1340.80000	393.55810	494.77220	98.30000	2.50693	890.22000	1044.78000	6.92436	2029.96500
.800	-2.975	879.67480	1341.23000	394.32080	494.62180	98.30000	2.50941	889.57980	1044.75999	6.90824	2030.00000
.800	-1.973	879.81490	1341.33000	394.29930	494.63380	98.30000	2.50946	889.72000	1044.74001	6.88006	2030.00000
.800	-.960	879.61160	1341.42999	394.51200	494.59060	98.30000	2.51013	889.51980	1044.74001	6.85199	2029.96500
.800	.100	879.91770	1341.24001	394.16330	494.74850	98.39999	2.50843	889.81980	1044.75000	6.83923	2029.96999
.800	.982	879.71390	1340.71001	393.90970	494.94900	98.59999	2.50602	889.60990	1044.71001	6.78722	2029.86000
.800	2.008	879.62160	1340.78000	394.02420	494.92680	98.59999	2.50840	889.51980	1044.71001	6.74607	2029.86000
.800	3.009	879.67260	1340.75999	393.97460	495.02560	98.70000	2.50567	889.56980	1044.71001	6.70560	2029.82500
.800	4.014	879.77200	1340.85001	393.97360	495.03220	98.70000	2.50577	889.66990	1044.69000	6.69168	2029.82500
GRADIENT		-.04202	-.04981	-.00826	.05308	.06156	-.00043	-.04241	-.00999	-.03120	-.02448

RUN NO. 1664/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	P	PT	Q(PSF)	T(R)	TT(F)	RN/L	PC	PREF	SH10+3	PATM
.900	-3.998	753.16160	1273.24001	426.64060	481.87890	100.20000	2.49789	763.16990	984.26980	1.19834	2028.95000
.900	-2.967	752.44460	1272.64000	426.65530	481.81270	100.20000	2.49719	762.45000	984.27980	1.19575	2028.95000
.900	-1.967	752.72390	1272.82001	426.61250	481.84420	100.20000	2.49732	762.73000	984.29980	1.19243	2028.95000
.900	-.957	752.85080	1273.13000	426.75020	481.83400	100.20000	2.49800	762.85990	984.33980	1.19529	2028.91499
.900	-.141	752.80350	1272.89000	426.61330	481.93750	100.30000	2.49583	762.80980	984.40990	1.19236	2028.91499
.900	.859	752.75020	1273.10001	426.78930	481.90500	100.30000	2.49747	762.76000	984.47000	1.18275	2028.91499
.899	2.010	753.09840	1272.70000	426.30710	482.01200	100.30000	2.49592	763.09990	984.48000	1.18000	2028.95000
.900	3.016	753.02050	1273.22000	426.71090	481.94140	100.30000	2.49745	763.02980	984.50000	1.18264	2028.98500
.900	4.020	752.80420	1272.85001	426.58540	481.94190	100.30000	2.49672	762.80980	984.52980	1.18925	2028.95000
GRADIENT		.01601	-.00182	-.01079	.01734	.01649	-.00012	.01587	-.03647	-.00188	.00189

IA310 (AEDC 16TF-783) REPEAT RUNS (VCM071) (04 OCT 91)

PARAMETRIC DATA

ALPHA = .000 PHI = 180.000

RUN NO. 1743/ O RN/L = 2.51 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	P	PT	Q (PSF)	T (R)	TT (F)	RN/L	PC	REF	SH10+3	PATM
1.100	-3.997	565.09890	1206.23000	478.44480	449.76980	98.89999	2.50600	575.28980	911.31980	.97121	2030.10500
1.100	-2.974	565.00170	1205.95000	478.32030	449.77760	98.89999	2.50540	575.18990	911.32980	.96360	2030.10500
1.100	-1.972	564.73070	1205.99001	478.45070	449.71140	98.89999	2.50562	574.91990	911.29980	.95579	2030.07001
1.100	-.972	564.60280	1205.77000	478.37330	449.70580	98.89999	2.50517	574.78980	911.31980	.94312	2030.03500
1.100	.014	564.97170	1205.95000	478.33230	449.77050	98.89999	2.50541	575.15990	911.29980	.93029	2030.03500
1.100	1.022	564.86080	1206.00000	478.40500	449.74000	98.89999	2.50558	575.04980	911.28980	.91276	2030.00000
1.100	2.022	564.84160	1205.92999	478.37180	449.74320	98.89999	2.50543	575.02980	911.26980	.90295	2030.00000
1.100	3.027	564.93310	1205.81000	478.26590	449.77690	98.89999	2.50511	575.11990	911.26980	.89814	2030.00000
1.100	4.021	565.12010	1206.14000	478.38400	449.78420	98.89999	2.50578	575.30980	911.24000	.90279	2029.89500
	GRADIENT	.00585	-.01126	-.00888	.00254	-.00000	-.00003	.00570	-.00981	-.01009	-.02214

RUN NO. 1727/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	P	PT	Q (PSF)	T (R)	TT (F)	RN/L	PC	REF	SH10+3	PATM
1.250	-3.998	462.50270	1198.07001	505.89060	426.63820	100.30000	2.49845	472.62990	856.53980	1.00457	2030.73500
1.250	-2.968	462.67260	1198.03000	505.83330	426.68700	100.30000	2.49839	472.79980	856.53980	1.01003	2030.73500
1.250	-1.968	462.34400	1197.94000	505.85940	426.60960	100.30000	2.49817	472.47000	856.53980	1.01011	2030.70000
1.250	-.964	462.73320	1197.89000	505.74880	426.71700	100.30000	2.49812	472.85990	856.54980	1.00472	2030.70000
1.250	.099	462.64280	1198.00000	505.82450	426.68210	100.30000	2.49833	472.76980	856.56980	1.01006	2030.73500
1.250	1.046	462.53200	1198.13000	505.91460	426.63960	100.30000	2.49858	472.65990	856.57980	1.00995	2030.66499
1.250	2.021	462.59160	1198.20000	505.93700	426.64820	100.30000	2.49873	472.72000	856.57980	1.00717	2030.66499
1.250	3.018	462.69190	1198.07001	505.84910	426.68800	100.30000	2.49848	472.81980	856.58980	1.00728	2030.66499
1.250	4.018	462.69170	1198.11000	505.86940	426.68380	100.30000	2.49856	472.81980	856.57980	1.00996	2030.66499
	GRADIENT	.01850	.01722	.00466	.00311	-.00000	.00004	.01870	.00700	.00022	-.00988

RUN NO. 1719/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	P	PT	Q (PSF)	T (R)	TT (F)	RN/L	PC	REF	SH10+3	PATM
1.400	-4.003	381.72680	1214.74001	523.72090	402.42260	100.50000	2.49524	391.42990	873.47000	1.15405	2031.19000
1.400	-2.974	381.70610	1214.89999	523.79130	402.47310	100.50000	2.49492	391.40990	873.46000	1.15389	2031.19000
1.400	-1.969	381.79250	1215.30000	523.96440	402.46140	100.50000	2.49571	391.50000	873.45000	1.14739	2031.22501
1.400	-.964	381.69730	1214.71001	523.70850	402.41650	100.50000	2.49516	391.39990	873.46000	1.15101	2031.22501
1.400	.092	382.04030	1215.17999	523.90700	402.54740	100.50000	2.49568	391.75000	873.42990	1.13838	2031.19000
1.400	1.046	381.79440	1214.99001	523.82890	402.49120	100.50000	2.49515	391.50000	873.39990	1.12350	2031.15500
1.400	2.020	381.93260	1215.00999	523.83500	402.53100	100.50000	2.49529	391.63990	873.40990	1.12348	2031.15500
1.400	3.018	381.85400	1214.94000	523.80570	402.51390	100.50000	2.49510	391.55980	873.38990	1.12354	2031.15500
1.400	4.023	381.92460	1214.70000	523.69920	402.55790	100.50000	2.49472	391.62990	873.36990	1.12377	2031.19000
	GRADIENT	.02703	-.00529	-.00287	.01466	.00836	-.00004	.02733	-.01250	-.00479	-.00523

IA310 (AEDC 16TF-783) TABULATED DATA  
IA310 (AEDC 16TF-783) REPEAT RUNS

(VCMO71) ( 04 OCT 91 )

PARAMETRIC DATA

ALPHA = .000 PHI = 180.000

RUN NO. 1709/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	P	PT	Q(PSF)	T(R)	TT(F)	RN/L	PC	PREF	SH10+3	PATM
1.450	-3.994	358.97050	1226.46001	528.37380	394.40430	100.60000	2.49652	368.45000	884.37990	1.28414	2030.45500
1.450	-2.963	358.88450	1225.92000	528.14480	394.42700	100.60000	2.49548	368.35990	884.39990	1.29489	2030.52499
1.450	-1.954	358.69870	1225.67999	528.03540	394.39060	100.60000	2.49489	368.16990	884.37990	1.29174	2030.56000
1.450	-.942	358.93330	1226.00000	528.18040	394.43510	100.60000	2.49567	368.40990	884.38990	1.29141	2030.56000
1.449	-.165	359.48460	1226.17000	528.27910	394.59230	100.60000	2.49649	368.97000	884.41990	1.29463	2030.49001
1.450	.966	358.99320	1225.92000	528.15040	394.46120	100.60000	2.49559	368.47000	884.41990	1.27124	2030.56000
1.451	2.005	358.56760	1226.17999	528.23660	394.30370	100.60000	2.49564	368.03980	884.41990	1.27097	2030.59500
1.450	3.013	359.01220	1226.02000	528.19290	394.45800	100.60000	2.49578	368.49000	884.41990	1.26445	2030.63000
1.450	4.015	358.81520	1226.00000	528.17460	394.39790	100.60000	2.49556	368.28980	884.42990	1.25782	2030.66499
	GRADIENT	-.00920	-.01105	-.00506	-.00186	-.00000	-.00003	-.00940	.00613	-.00435	.02075

RUN NO. 1702/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	P	PT	Q(PSF)	T(R)	TT(F)	RN/L	PC	PREF	SH10+3	PATM
1.470	-3.992	347.92310	1222.93153	526.18564	390.13040	100.20000	2.49724	357.25980	887.42990	1.36171	2030.52499
1.470	-2.968	347.76490	1222.99265	526.19707	390.06620	100.20000	2.49733	357.09990	887.42990	1.36512	2030.52499
1.470	-1.960	347.78490	1222.93622	526.17628	390.07790	100.20000	2.49725	357.11990	887.41990	1.36519	2030.49001
1.470	-.946	347.89280	1223.02753	526.22186	390.10520	100.20000	2.49751	357.23000	887.42990	1.36510	2030.49001
1.470	-.153	348.00120	1222.99158	526.21584	390.14450	100.20000	2.49753	357.33980	887.42990	1.36515	2030.45500
1.470	.969	348.03080	1223.11931	526.27023	390.08520	100.10000	2.49814	357.36990	887.42990	1.35803	2030.45500
1.470	2.006	347.76420	1223.28256	526.31537	389.98170	100.10000	2.49821	357.09990	887.41990	1.35781	2030.45500
1.470	3.013	348.02120	1223.05930	526.24554	390.08760	100.10000	2.49803	357.35990	887.40990	1.35810	2030.45500
1.470	4.015	347.96170	1223.22643	526.30890	390.05860	100.10000	2.49816	357.29980	887.40990	1.35442	2030.45500
	GRADIENT	.01664	.03631	.01616	-.00746	-.01678	.00014	.01697	-.00237	-.00121	-.00987

RUN NO. 1695/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	P	PT	Q(PSF)	T(R)	TT(F)	RN/L	PC	PREF	SH10+3	PATM
1.494	-3.993	337.32470	1227.51004	526.97905	386.17090	100.30000	2.49633	346.50980	910.37990	1.39393	2030.24500
1.495	-2.965	337.26420	1229.60669	527.80427	386.11910	100.30000	2.49687	346.45000	910.35990	1.28134	2030.24500
1.495	-1.964	337.58720	1230.14734	528.05645	386.20340	100.30000	2.49766	346.77980	910.35990	1.26434	2030.24500
1.495	-.951	337.43070	1229.85181	527.92043	386.16280	100.30000	2.49727	346.61990	910.35990	1.27449	2030.24500
1.495	-.146	337.43070	1229.98920	527.97506	386.16480	100.30000	2.49724	346.61990	910.34990	1.26448	2030.21001
1.495	.974	337.59670	1230.36923	528.14599	386.19580	100.30000	2.49787	346.78980	910.33980	1.25757	2030.21001
1.495	2.008	337.50950	1230.14047	528.04387	386.19680	100.30000	2.49721	346.70000	910.32980	1.25129	2030.21001
1.495	3.014	337.54830	1230.31392	528.11765	386.19870	100.30000	2.49746	346.74000	910.29980	1.24787	2030.24500
1.495	4.021	337.44040	1230.34001	528.11505	386.16430	100.30000	2.49731	346.62990	910.30980	1.24460	2030.24500
	GRADIENT	.02214	.23289	.09493	.00388	-.00000	.00009	.02272	-.00906	-.01237	-.00167

IA310 (AEDC 16TF-783) REPEAT RUNS

(VCM071) ( 04 OCT 91 )

PARAMETRIC DATA

ALPHA = .000 PHI = 180.000

RUN NO. 1690/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	P	PT	O (PSF)	T (R)	TT (F)	RN/L	PC	PREF	SH10+3	PATM
1.521	-3.999	327.00390	1237.19324	529.35882	382.30470	100.50000	2.49387	336.01980	911.15990	1.07879	2030.17500
1.520	-2.965	327.43240	1237.97012	529.72676	382.38280	100.50000	2.49565	336.46000	911.14990	1.07815	2030.17500
1.521	-1.963	327.15720	1238.12604	529.74387	382.20510	100.40000	2.49623	336.17990	911.13990	1.07798	2030.14000
1.521	- .950	327.22730	1237.75748	529.61228	382.26270	100.40000	2.49567	336.25000	911.13990	1.07831	2030.10500
1.520	- .145	327.48140	1238.33446	529.87461	382.32810	100.40000	2.49636	336.50980	911.03980	1.05533	2030.03500
1.521	.973	327.35450	1238.19067	529.79966	382.22900	100.30000	2.49658	336.37990	911.00000	1.05544	2030.00000
1.521	2.008	327.17800	1238.14677	529.75498	382.17190	100.30000	2.49632	336.20000	910.99000	1.05546	2029.96500
1.521	3.015	327.34400	1238.43347	529.89207	382.27510	100.40000	2.49632	336.36990	910.99000	1.05244	2029.96500
1.520	4.021	327.47090	1238.49782	529.93570	382.24150	100.30000	2.49723	336.50000	910.97000	1.05519	2029.92999
	GRADIENT	.02914	.11771	.05003	-.01143	-.02336	.00028	.02995	-.02789	-.00396	-.03438

RUN NO. 1683/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	P	PT	O (PSF)	T (R)	TT (F)	RN/L	PC	PREF	SH10+3	PATM
1.544	-3.994	317.34640	1241.51575	529.33672	378.78150	101.20000	2.49092	326.18990	912.08980	1.25951	2029.78999
1.544	-2.970	317.44340	1241.92996	529.51207	378.79220	101.20000	2.49148	326.28980	912.07980	1.24933	2029.78999
1.543	-1.963	317.58910	1242.07237	529.59330	378.82200	101.20000	2.49205	326.43990	912.08980	1.25570	2029.78999
1.544	- .955	317.53100	1242.04816	529.57395	378.81690	101.20000	2.49169	326.37990	912.08980	1.24599	2029.82500
1.544	.100	317.62840	1242.73157	529.85149	378.63550	100.90000	2.49385	326.48000	912.08980	1.21021	2030.00000
1.544	.984	317.60910	1242.67970	529.82830	378.63750	100.90000	2.49366	326.46000	912.07980	1.20711	2030.00000
1.544	2.015	317.50150	1242.63904	529.79231	378.59910	100.90000	2.49355	326.34990	912.08980	1.21029	2030.03500
1.544	3.013	317.67700	1242.74750	529.86716	378.57930	100.80000	2.49462	326.52980	912.07980	1.21335	2030.07001
1.543	4.013	317.67850	1242.35777	529.71980	378.60990	100.80000	2.49404	326.52980	912.05980	1.21690	2030.07001
	GRADIENT	.03240	.12715	.05448	-.03257	-.06182	.00045	.03320	-.00216	-.00683	-.04387