



National Aeronautics and
Space Administration

Lyndon B. Johnson Space Center
Houston, Texas 77058

DMS-DR-2547
NASA-CR-167,696

VOLUME 1 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-167696) 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)

CR-167696

includes

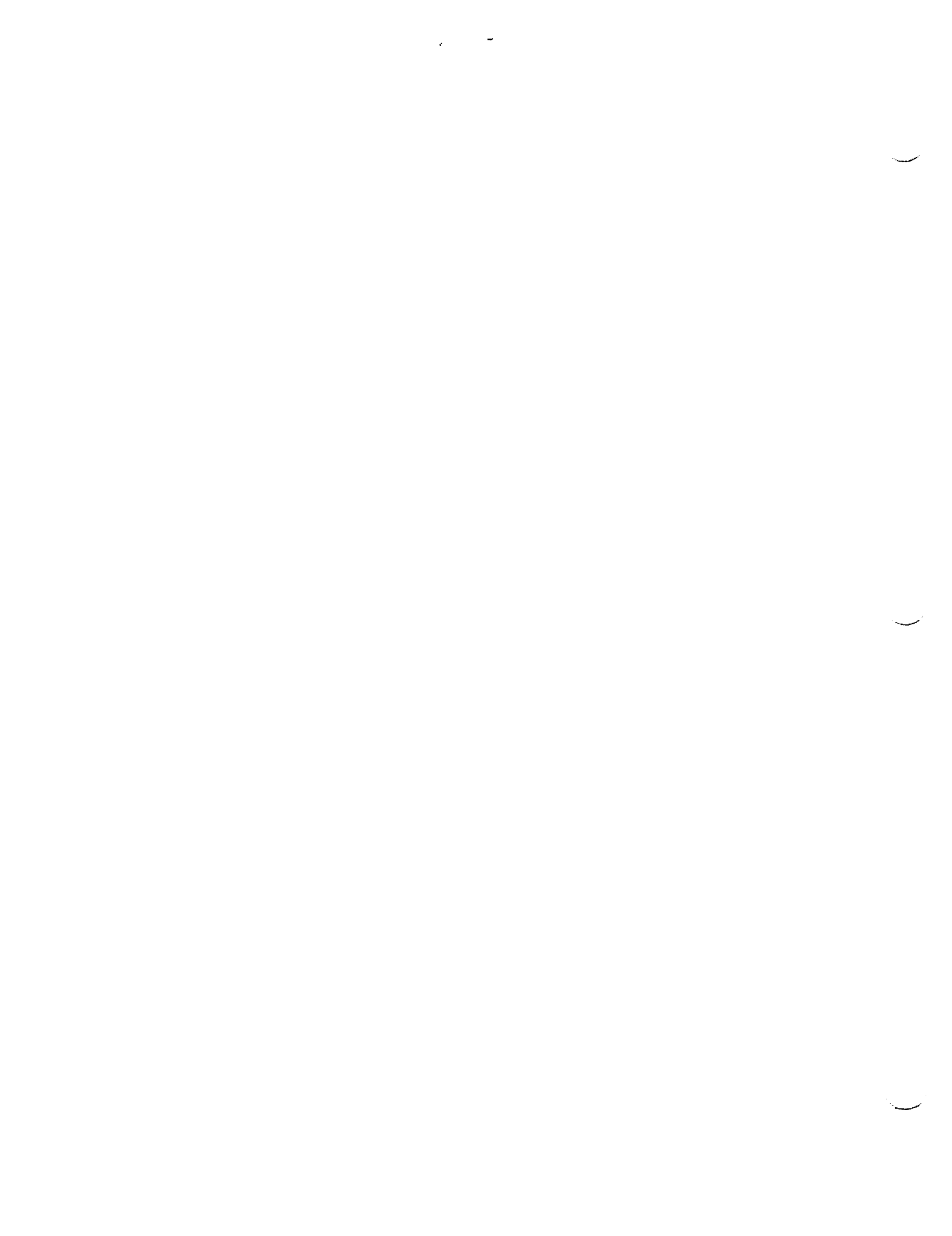
13/16 000000

Data Management SERVICES

MICHoud ENGINEERING OFFICE



CHRYSLER
TECHNOLOGIES
AIRBORNE SYSTEMS



November 1991

DMS-DR-2547
NASA-CR-167,696

VOLUME 1 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)

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
MICHoud 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

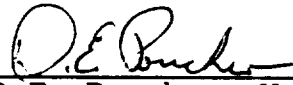
Rockwell International
STSD Division
12214 Lakewood Blvd.
Downey, CA 90241

Phone: (615) 454-6672

Phone: (213) 922-5352

DATA MANAGEMENT SERVICES:

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

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

**RESULTS OF THE SPACE SHUTTLE VEHICLE
ASCENT AIR DATA SYSTEM PROBE CALIBRATION TEST
USING A 0.07-SCALE 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**

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.

(This page intentionally left blank)

TABLE OF CONTENTS

	<u>PAGE</u>
ABSTRACT	iii
INDEX OF MODEL FIGURES	2
INDEX OF DATA FIGURES	3
INTRODUCTION	4
NOMENCLATURE	5
CONFIGURATIONS INVESTIGATED	8
INSTRUMENTATION	9
TEST FACILITY DESCRIPTION	12
TEST PROCEDURES	13
DATA REDUCTION	16
REMARKS	18
REFERENCES	21
TABLES	
I TEST CONDITIONS	22
II DATASET/RUN NUMBER COLLATION SUMMARY	23
III PROBE DIMENSIONAL DATA	36
IV PRESSURE TAP LOCATIONS	37
V ESP ORIFICE ASSIGNMENTS	38
FIGURES	
MODEL	39
DATA (VOLUME 1)	51
APPENDIX	
TABULATED SOURCE DATA - Volume 1 R&S Datasets	
Pages 1 thru 420	
- Volume 2 T,U, & V Datasets	
Pages 421 thru 1050	

INDEX OF MODEL FIGURES

<u>FIGURE</u>	<u>TITLE</u>	<u>PAGE</u>
1a.	MODEL PROFILE LINES	39
b.	MODEL FRONT VIEW	40
c.	AADS PROBE AND CONE	41
d.	AADS PROBE AND CONE (PHOTO)	42
2.	MODEL INSTALLATION	43
3.	PRESSURE INSTRUMENTATION LOCATION	44
4.	PRESSURE INSTRUMENTATION SYSTEM SCHEMATIC	45
5.	INSTRUMENTATION ARRANGEMENT - #1 CONTAINER	46
6.	INSTRUMENTATION ARRANGEMENT - #2 CONTAINER	47
7.	SHOCK WAVE SHADOWGRAPH (MACH 1.475)	48
8a.	MEASUREMENT UNCERTAINTIES - PROBE PRESSURE COEFFICIENTS	49
b.	MEASUREMENT UNCERTAINTIES - TOTAL PRESSURE COEFFICIENTS	50

INDEX OF DATA FIGURES

TITLE	SCHEDULE	PAGE
FIG. 1 AADS PROBE CALIBRATION - TEST SERIES 4	A	1-132
FIG. 2 AADS PROBE CALIBRATION - TEST SERIES 4 - MACH EFFECTS	B	133-168

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
ΔP_α	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
ΔP_β	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 _{PROBE}	M _{PROBE}	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_{∞}	P	Freestream static pressure, psfa
ΔP_{α}	DPA	Probe differential pressure in pitch, psid
ΔP_{β}	DPB	Probe differential pressure in yaw, psid
q	Q(PSF)	Freestream dynamic pressure, psfa
Re	RN/L	Freestream Reynolds Number 1/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
α	ALPHA	Model angle of attack, degree
α_{FA}	AFA	Flow angle correction for angle of attack, degree
α_i, θ_i	ALPHI	Sting pitch angle, degree
β	BETA	Model sideslip angle, degree
ϕ_i	PHI	Sting roll angle, degree
ψ_{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 ± 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 ± 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	± 0.003
P_T (Sonix)	± 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, α 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 ± 3.5 , and ± 4.5 degrees were eliminated. Further the one quarter degree grid was restricted to an alpha = -4 ± 1 degrees and beta = ± 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 ≥ 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.

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

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

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

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

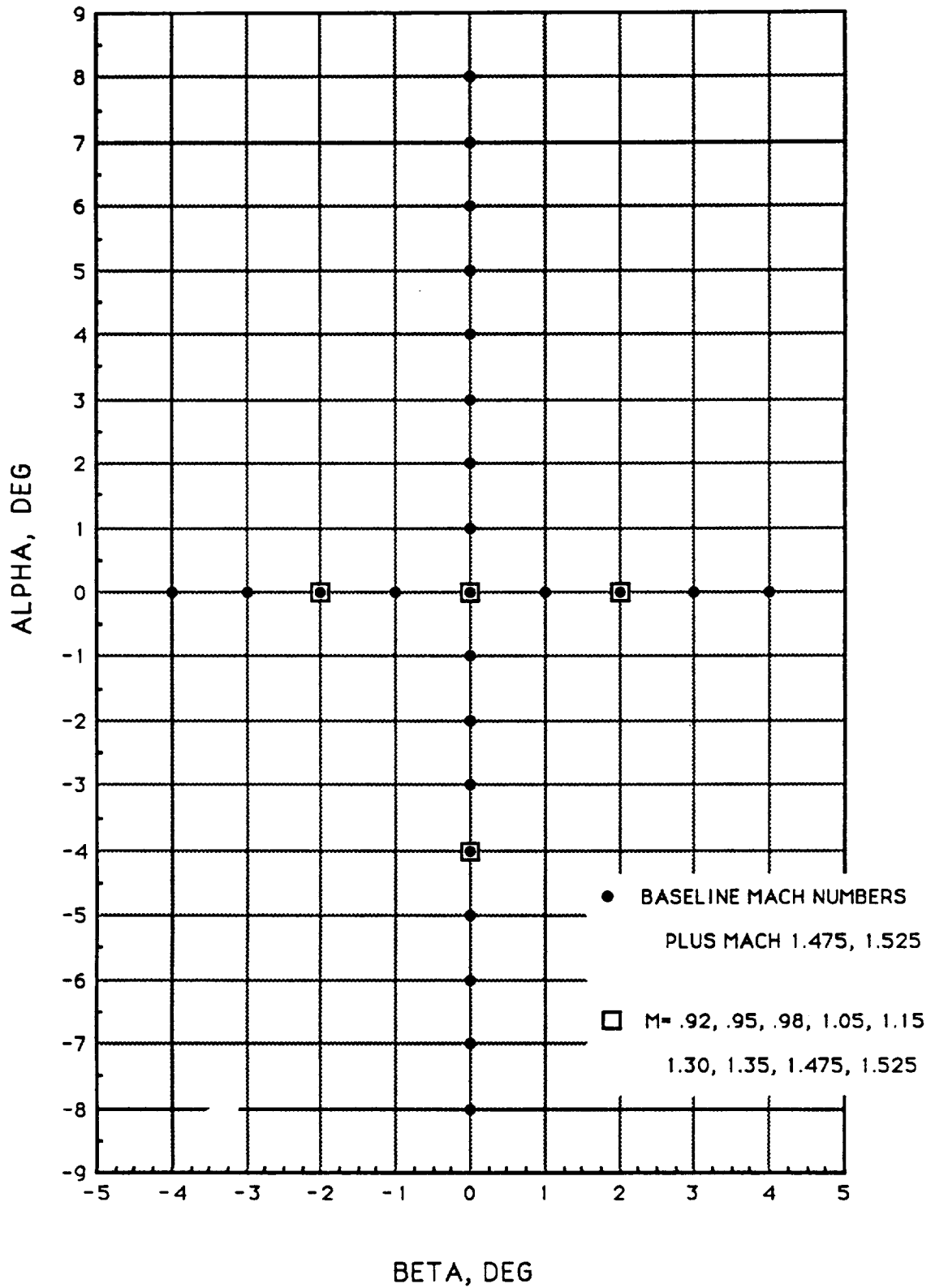
REFERENCES

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.

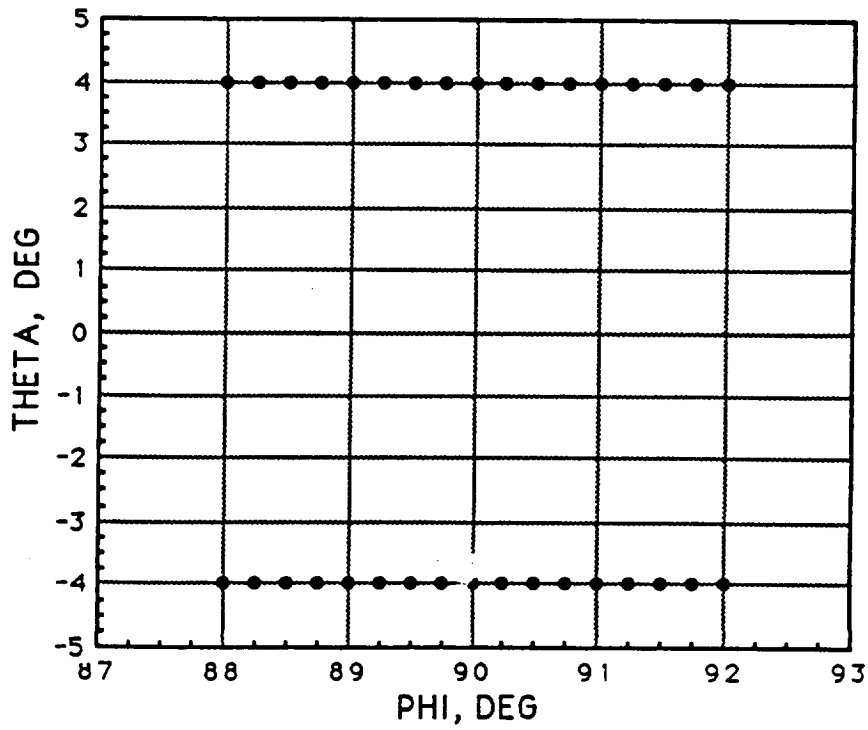
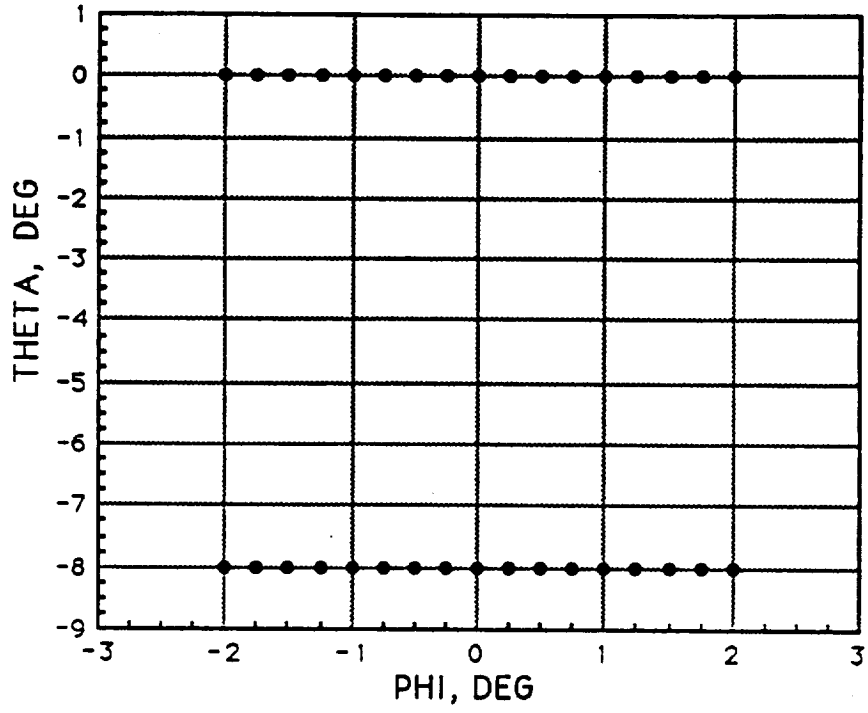
TABLE I - TEST CONDITIONS

MACH NO.	TT (deg F)	PT (psfa)	P (psfa)	Q (psfa)	Re (E06/ft)	
TEST SERIES 1						
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		
TEST SERIES 2-5						
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		

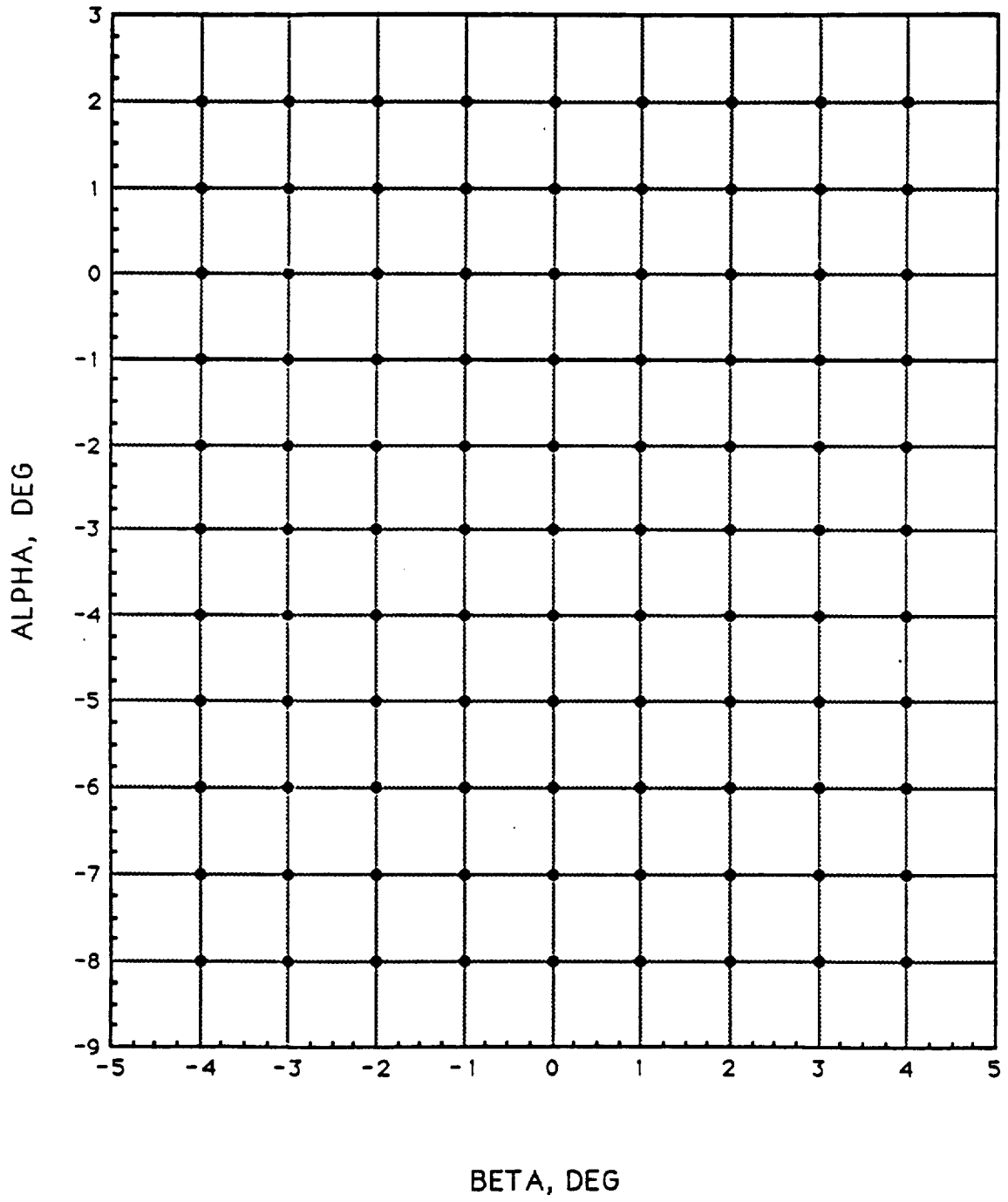
TEST SERIES 1



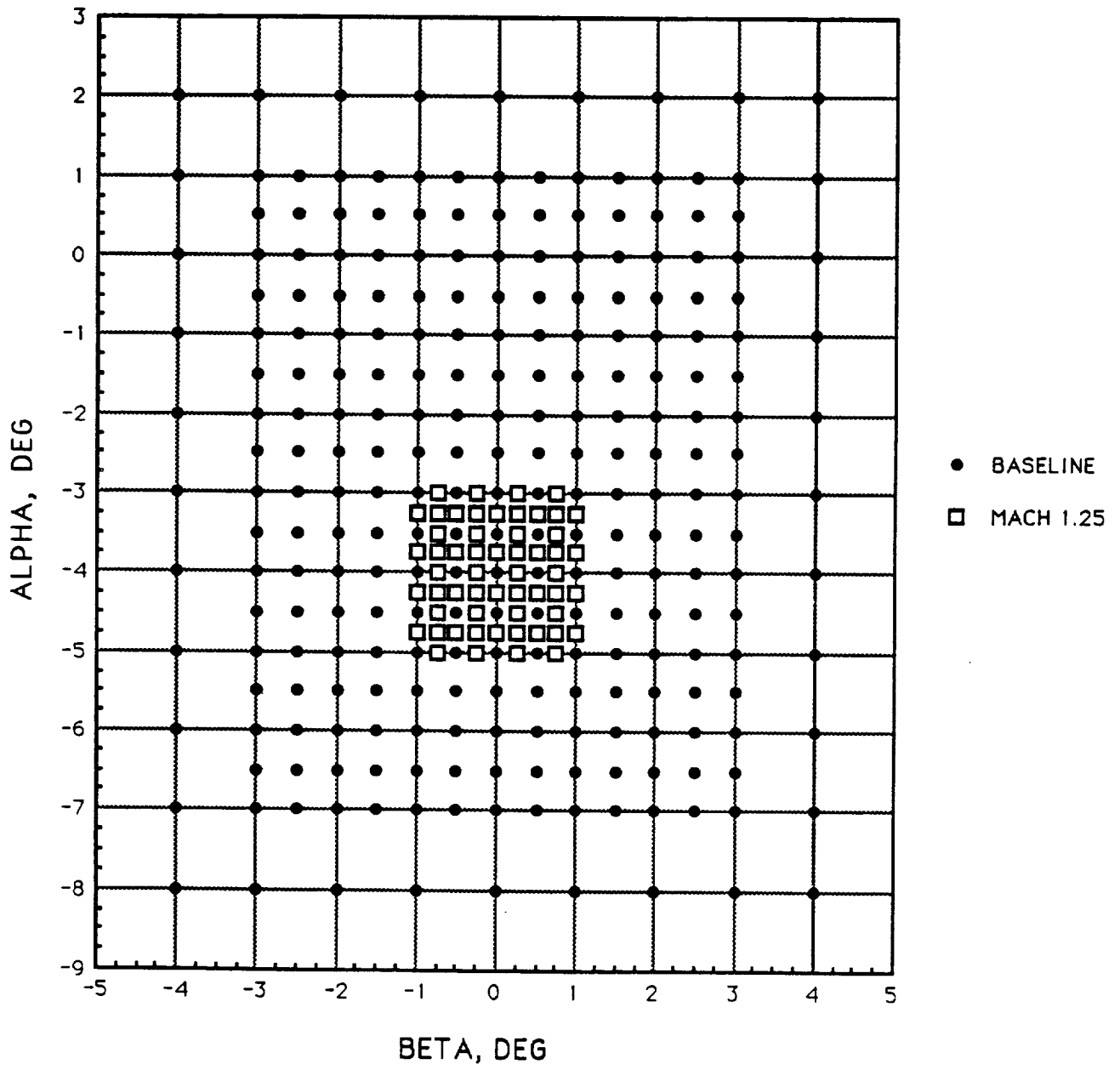
TEST SERIES 2



TEST SERIES 3



TEST SERIES 4



TEST SERIES 5

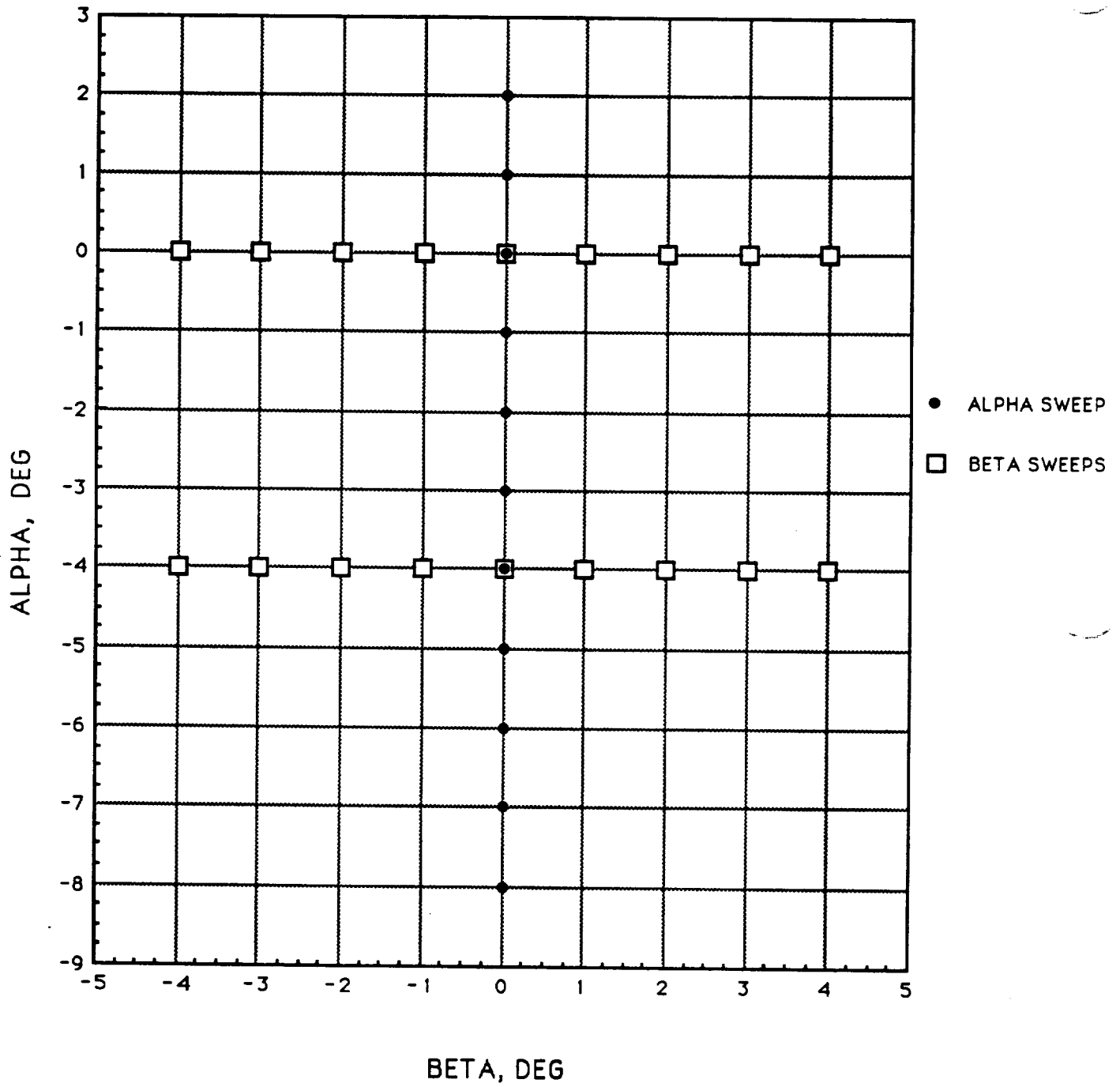


TABLE II CONCLUDED
 IA310 (AEDC 16TF-783)
 COEFFICIENT SCHEDULES

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

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 _T (IN)		LOCATION
		FULL SCALE	MODEL SCALE	
PTT	TIP	327.22	22.905	AADS PROBE ↓
PB	0	328.37	22.986	
PU	180	↓	↓	
PR PL	90 270	↓	↓	
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
01	VERIF P	25	VERIF P	01	R REF
02	PU	26		02	R ↓
03	PB	27		03	R ↓
04	VERIF P	28		04	R PU
05	PL	29		05	R REF
06	PC 1	30		06	R PU
07	PC 2	31	↓	07	R PL
08	PC 3	32	VERIF P	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		

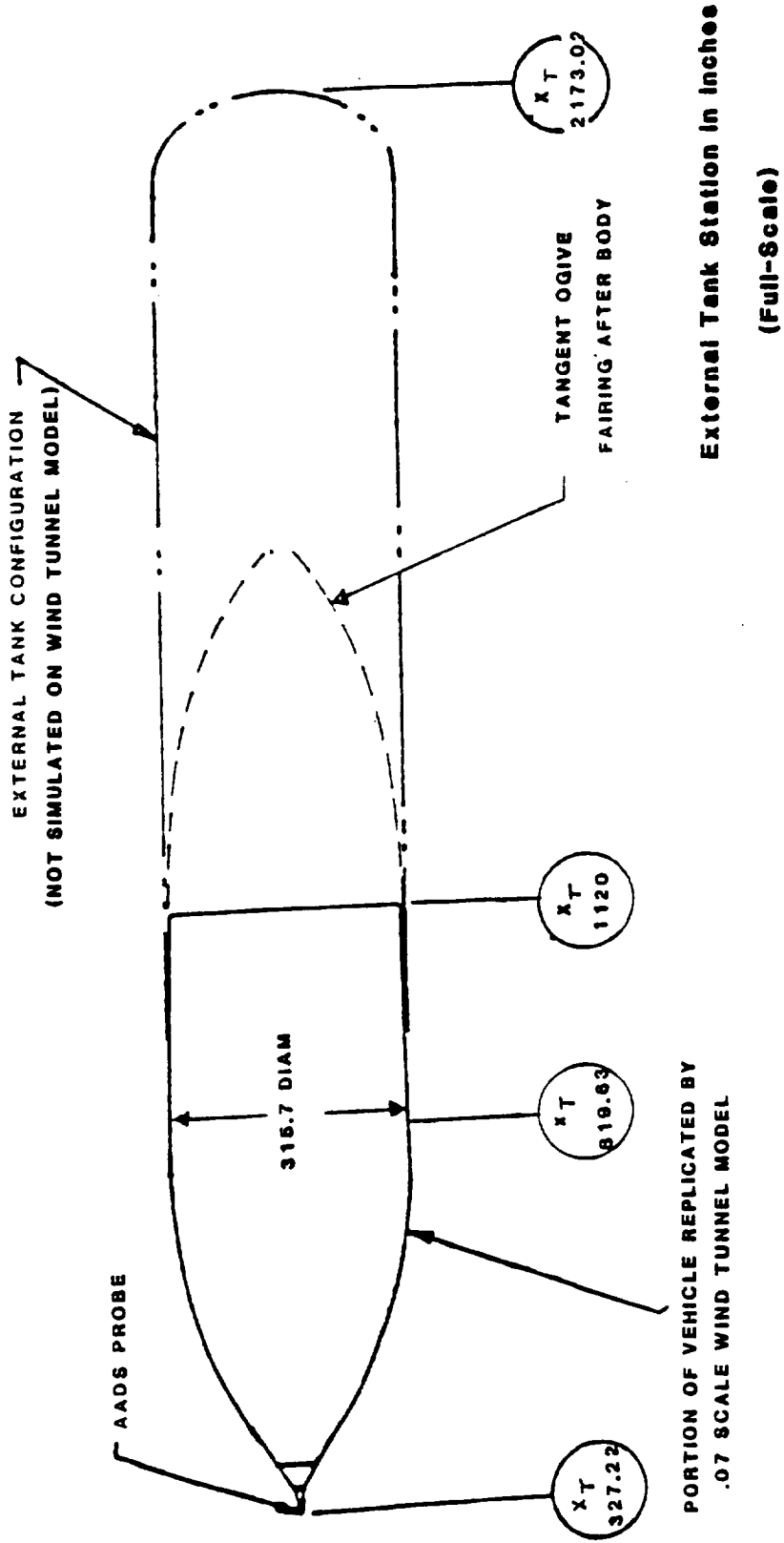


Figure 1a. Model Profile Lines

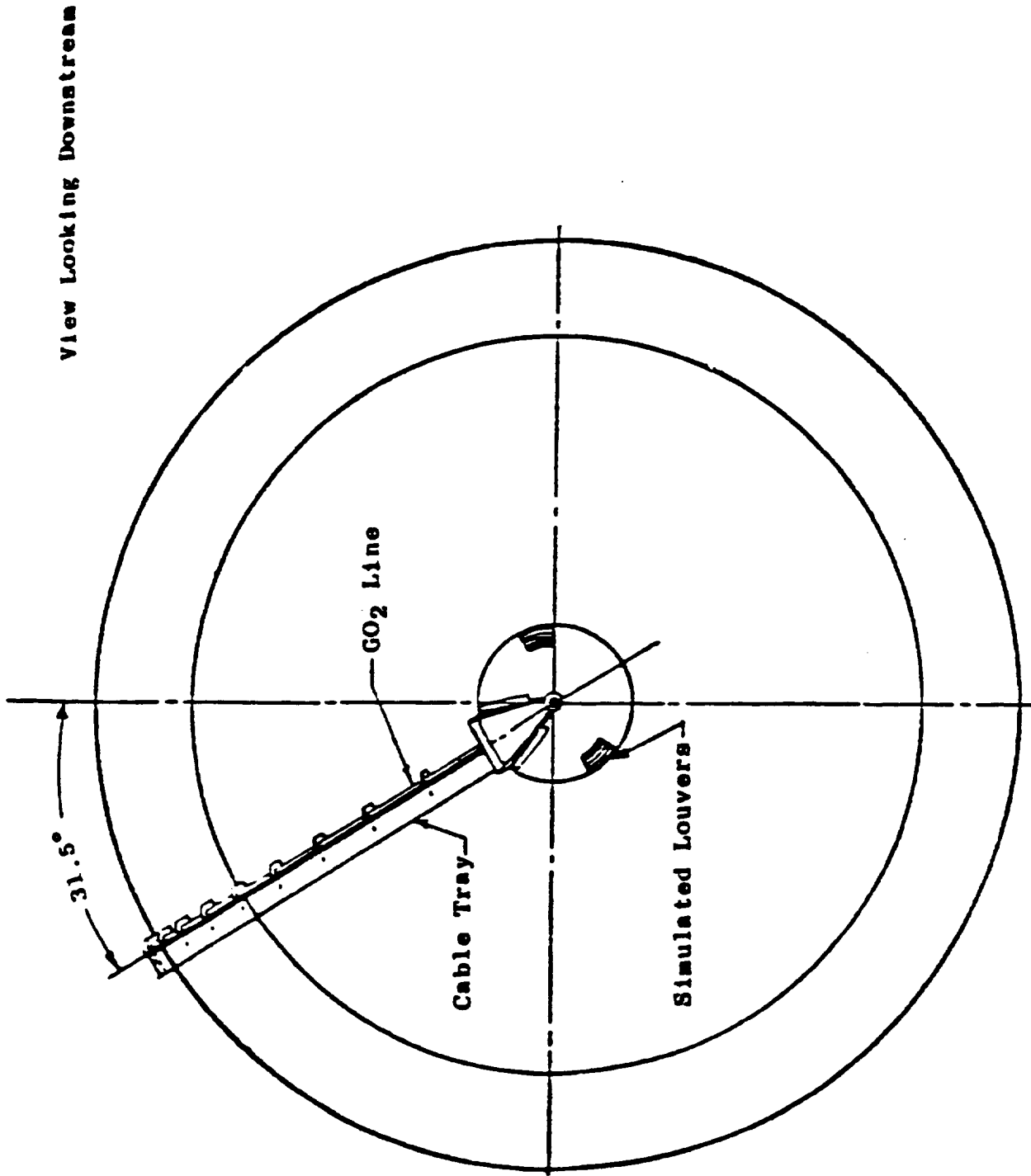
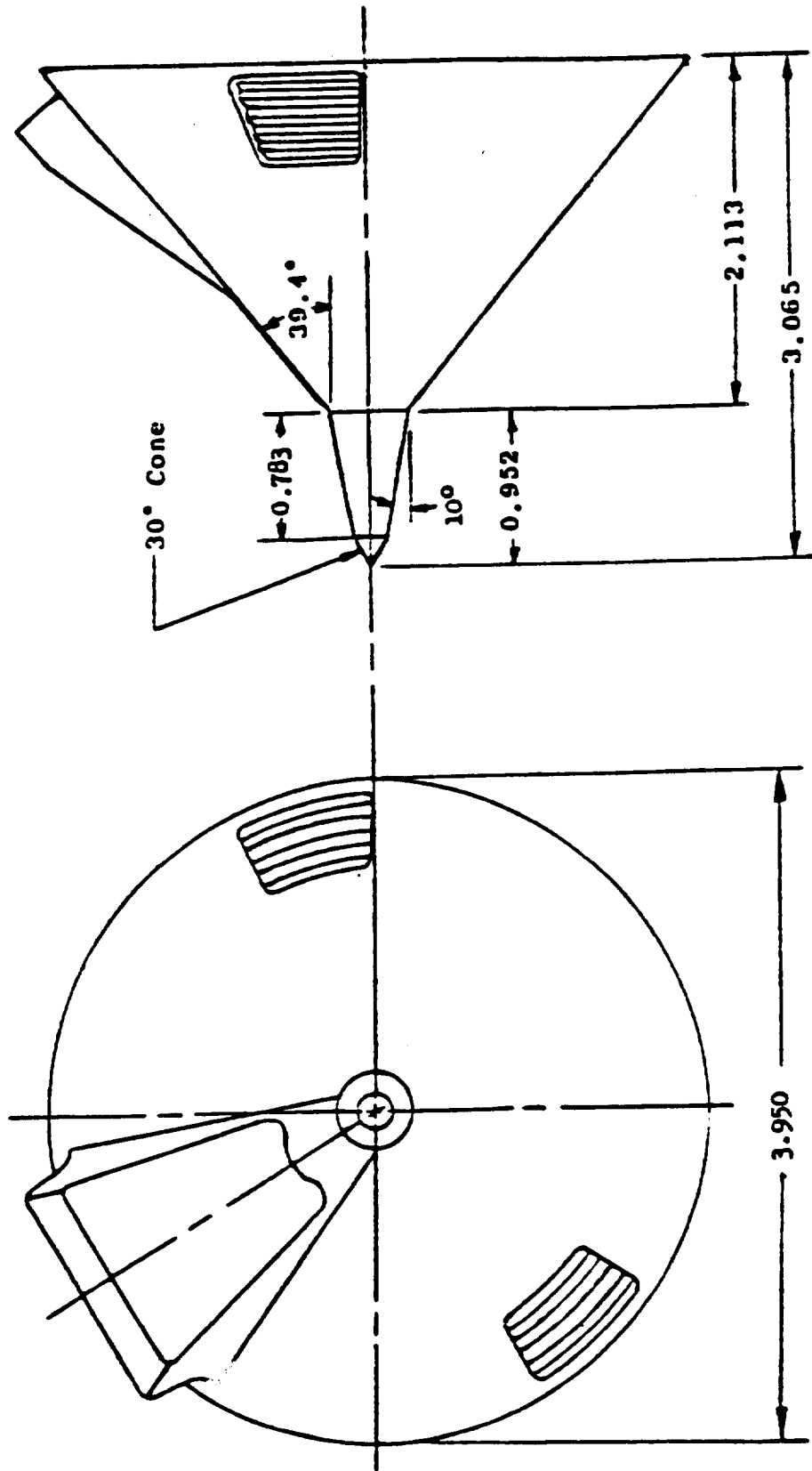


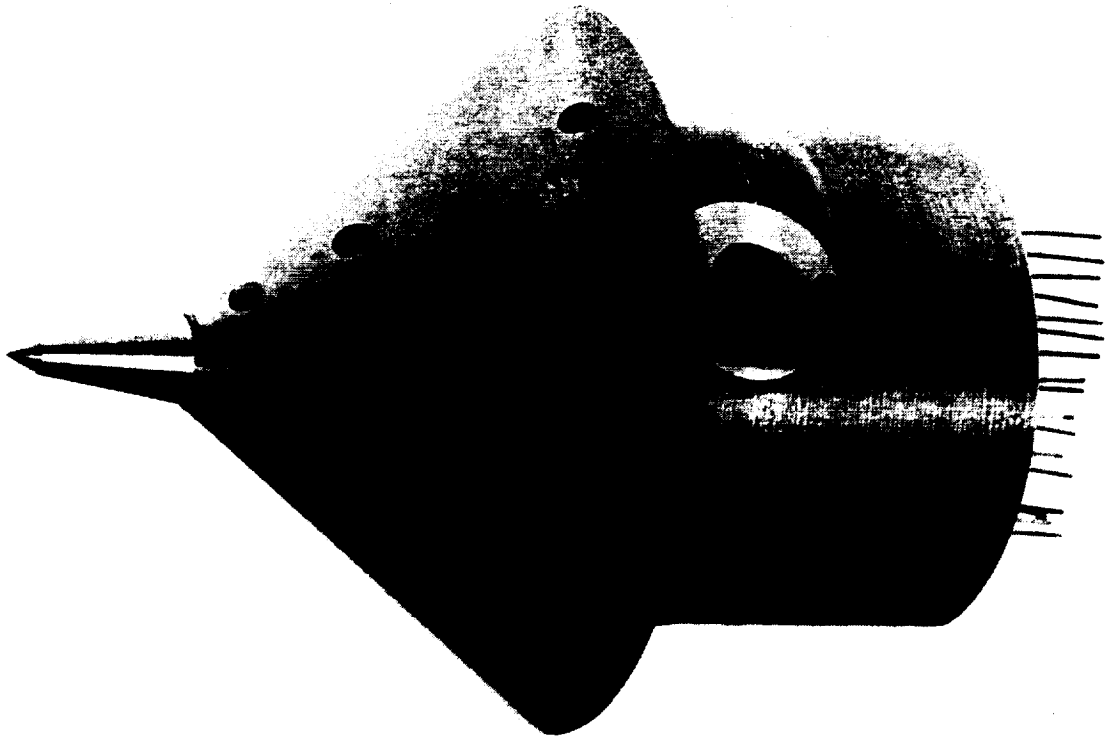
Figure 1b. Model Front View



MS
22.905(Ref)

Dimensions in Inches

Figure 1c. AADS Probe and Cone



ORIGINAL PAGE
BLACK AND WHITE PHOTOGRAPH

Figure 1d. AADS Probe & Cone

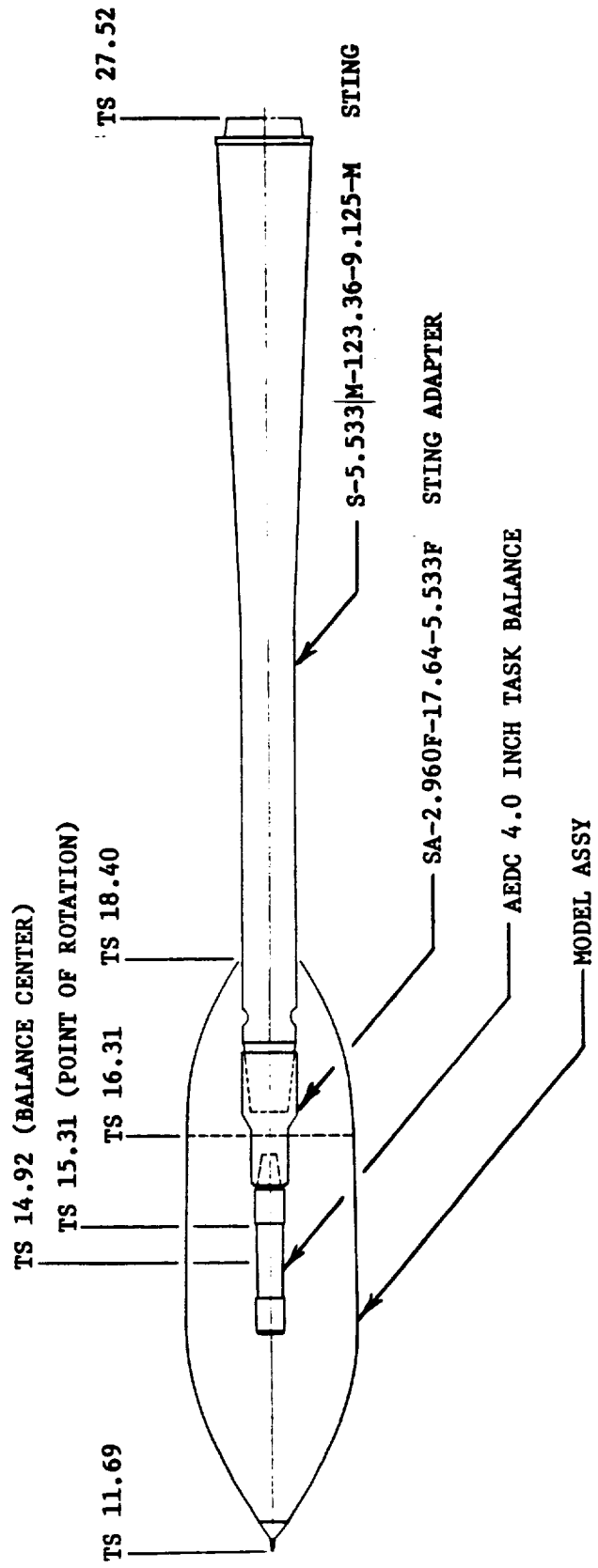


Figure 2. Model Installation

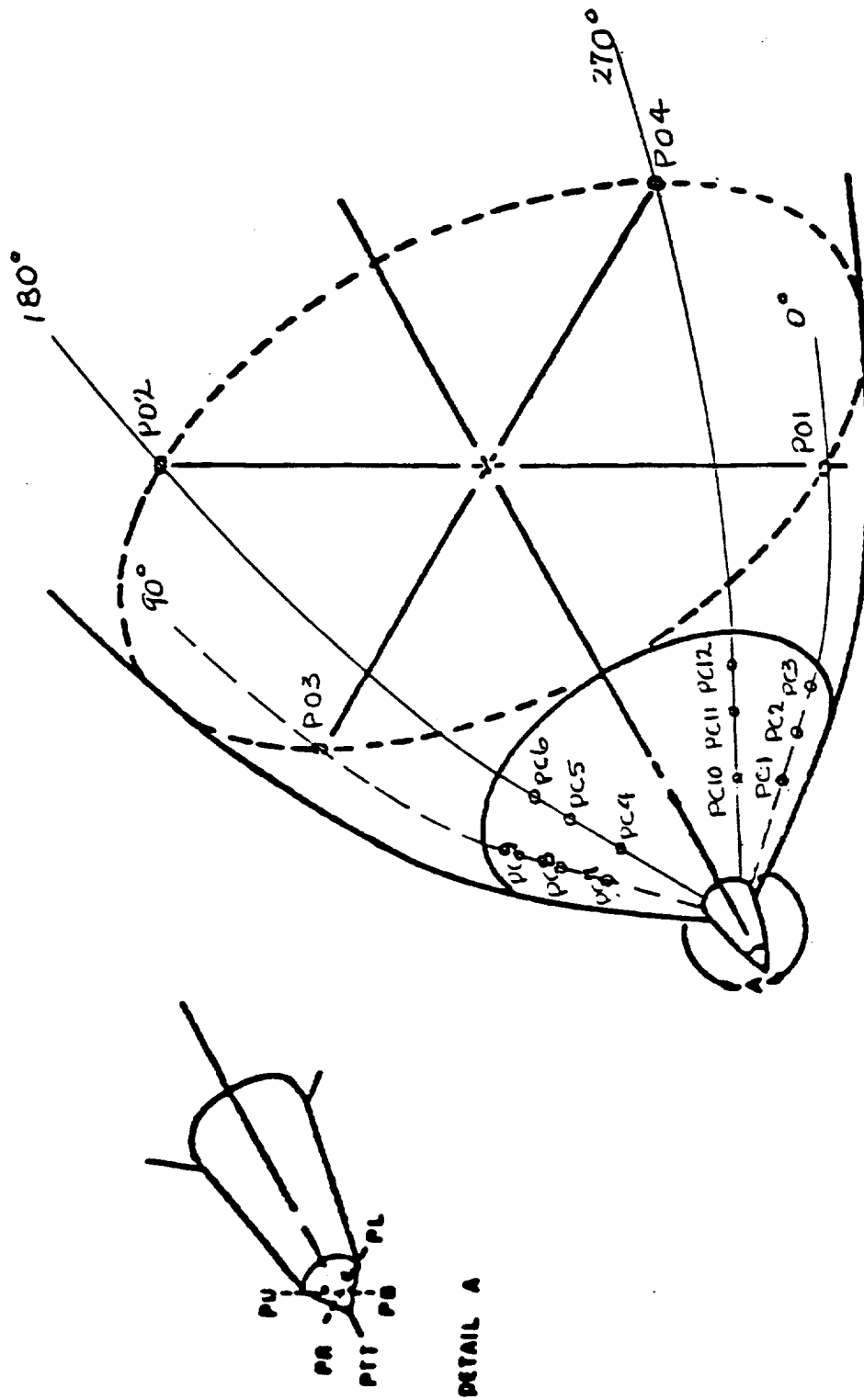


Figure 3. Pressure Instrumentation Location

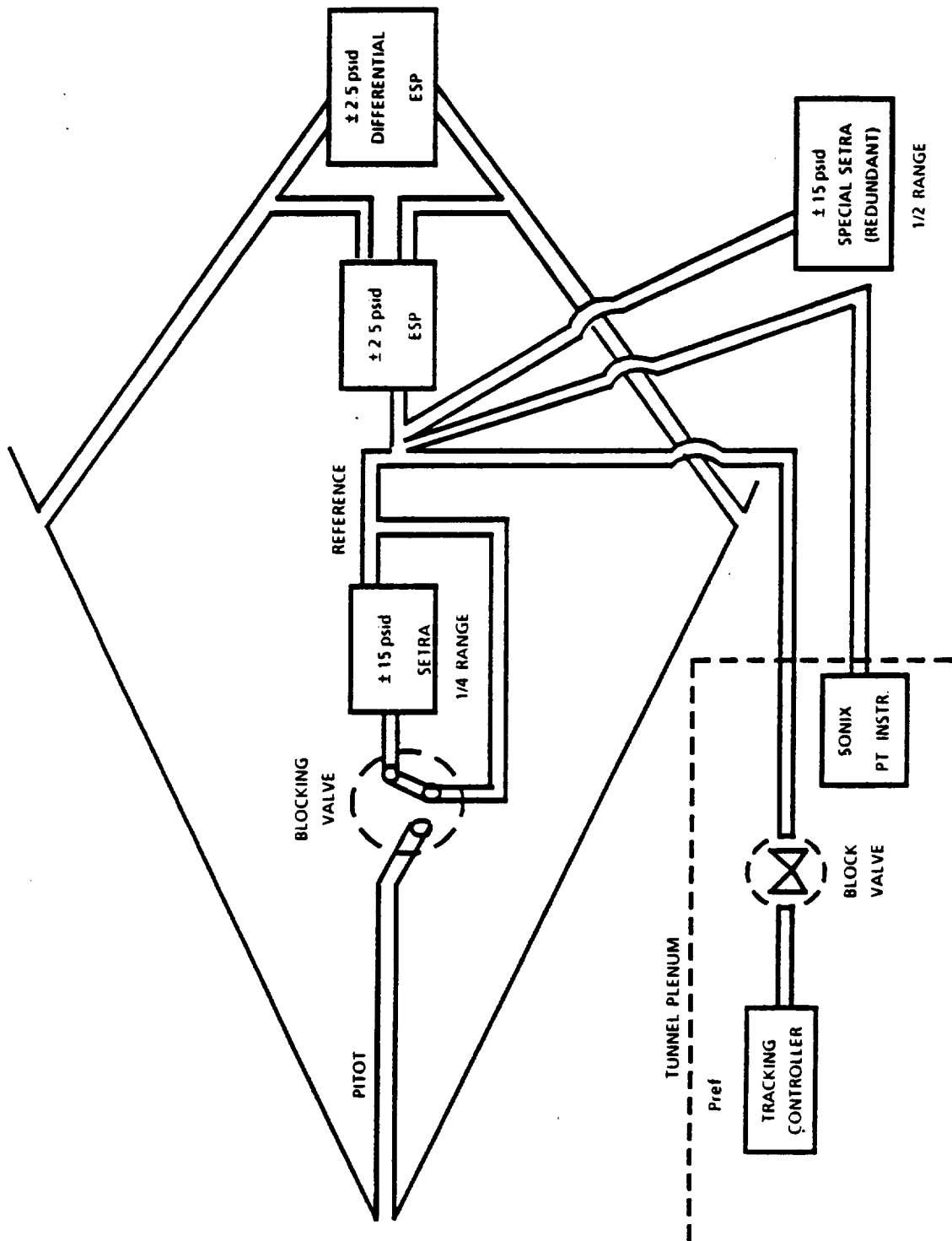
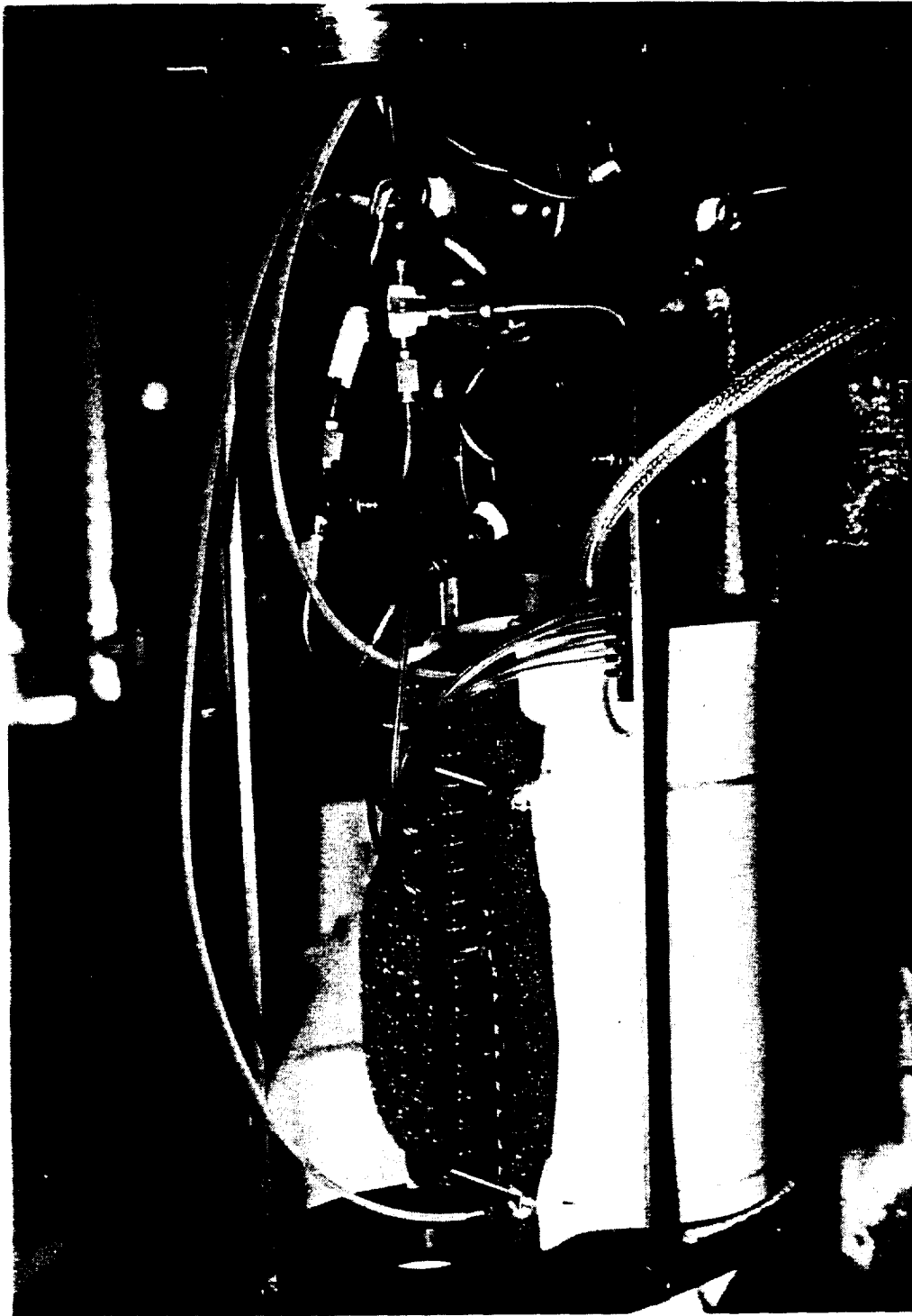


Figure 4. Pressure Instrumentation System Schematic



Figure 5. Instrumentation Arrangement - #1 Container

ORIGINAL PAGE
BLACK AND WHITE PHOTOGRAPH



Fire 6. Instrumentation Arrangement - #2 Container

ORIGINAL FILE
BLACK AND WHITE PHOTOGRAPH

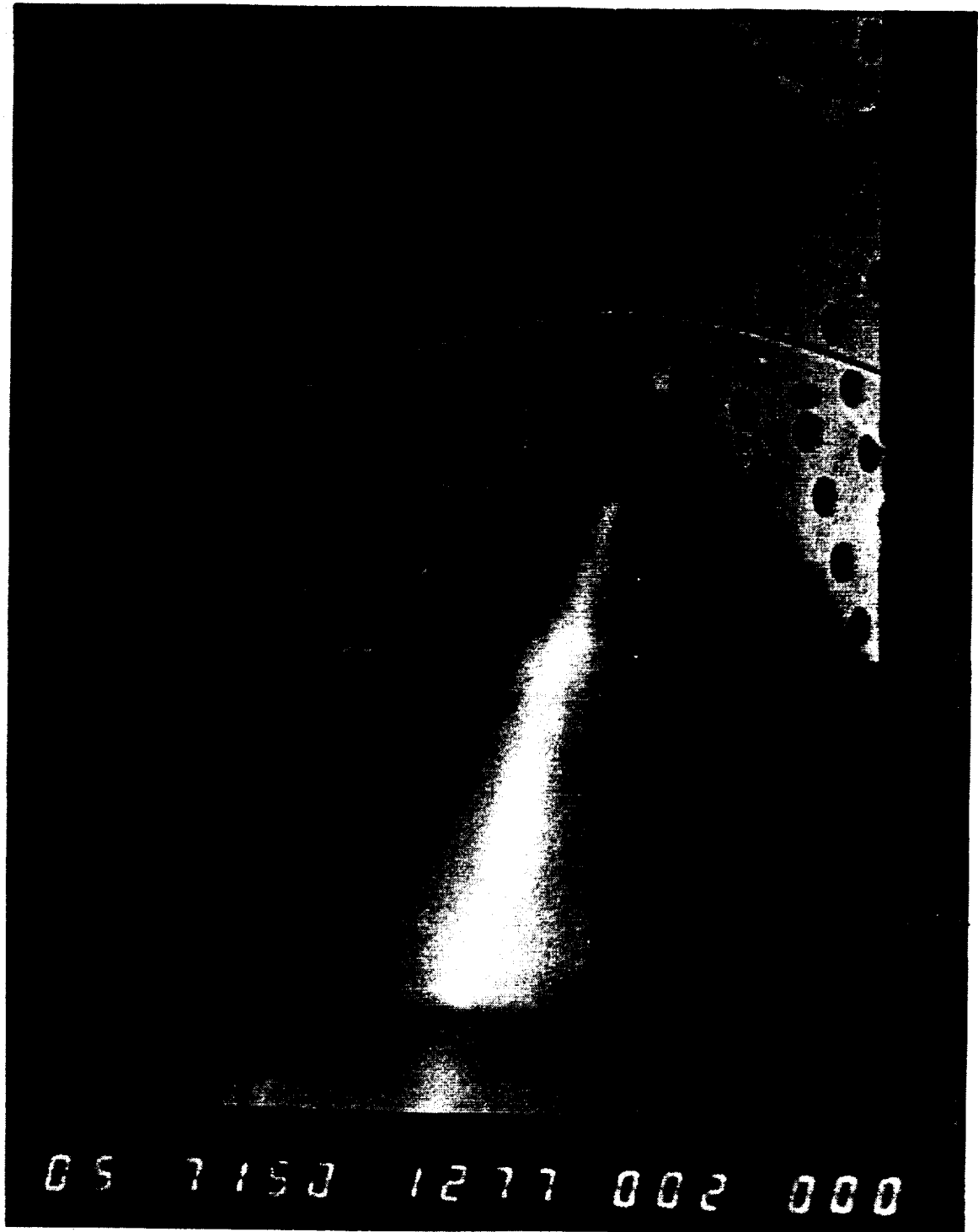


Figure 7. Shock Wave Shadowgraph (Mach 1.475)

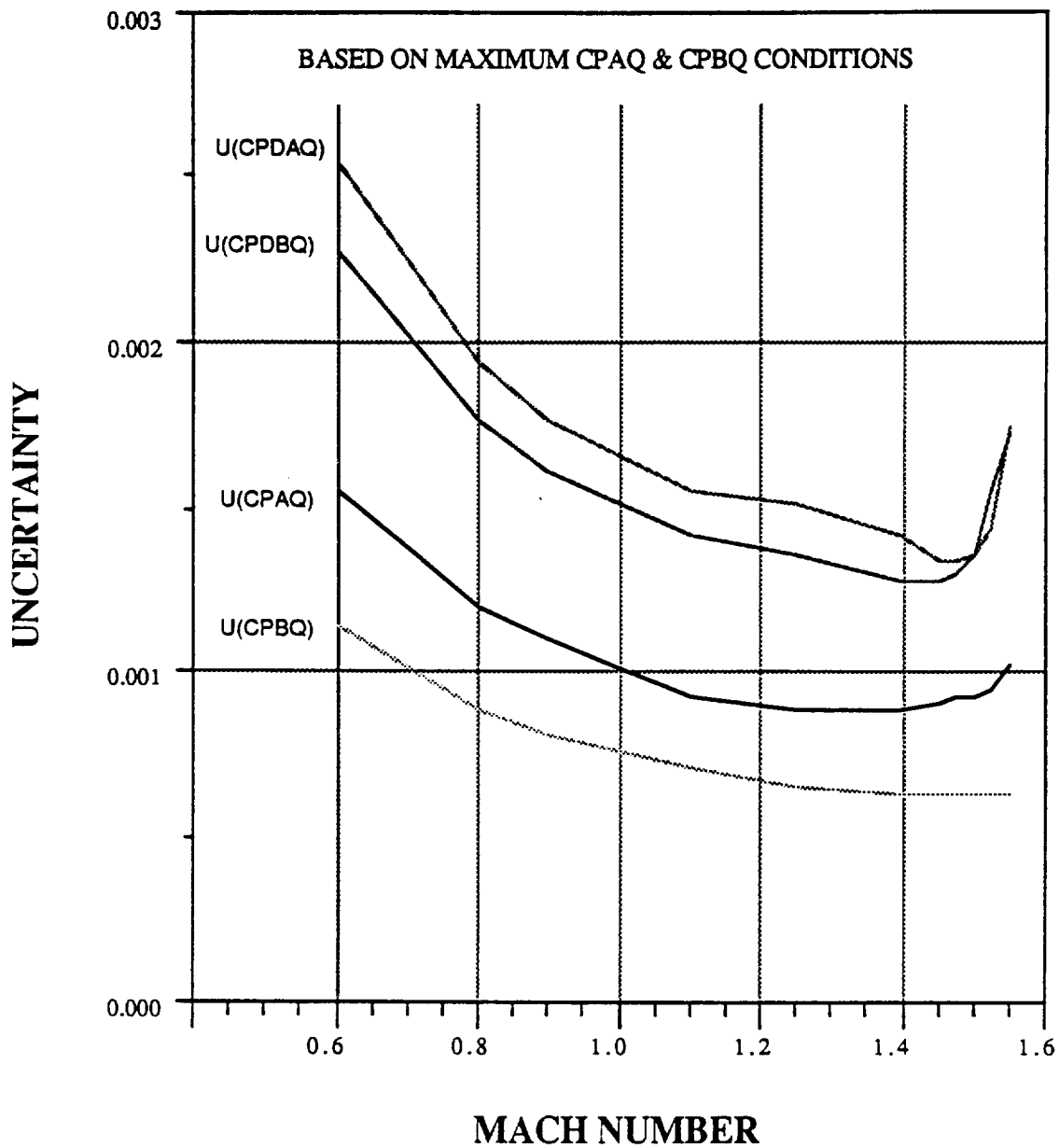


Figure 8a. Measurement Uncertainties - Probe Pressure Coefficients

BASED ON MAXIMUM CPM CONDITIONS

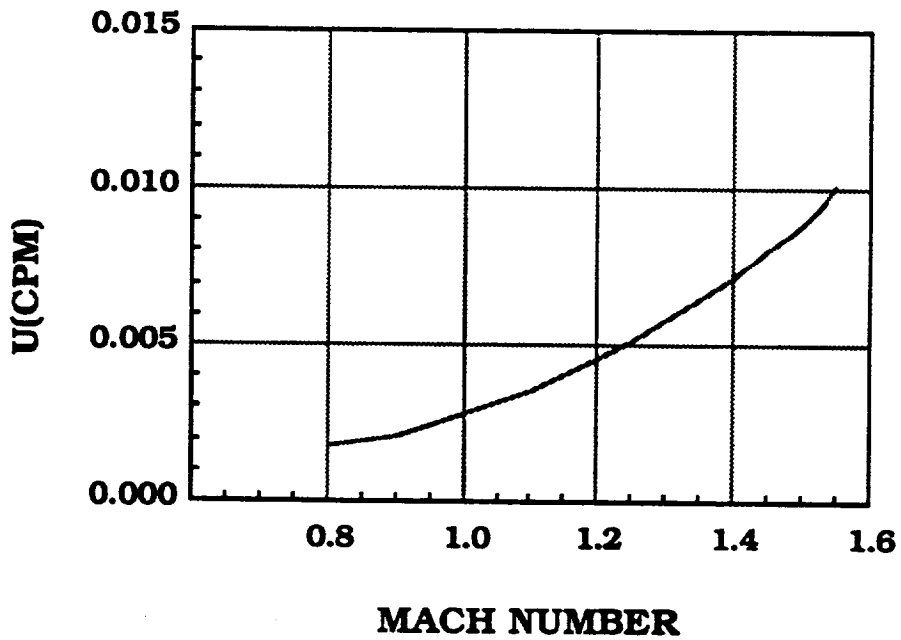
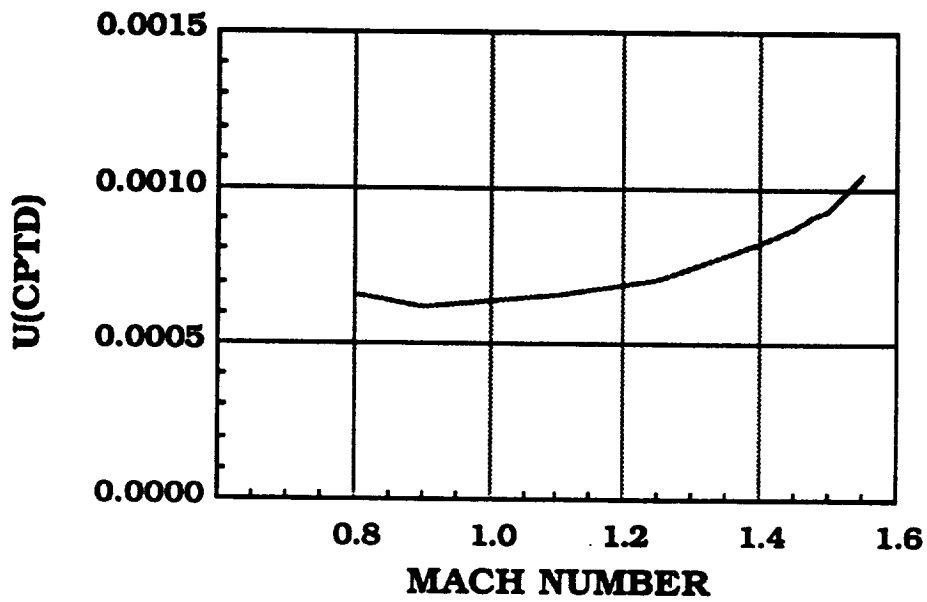


Figure 8b. Measurement Uncertainties - Total Pressure Coefficients

DATA FIGURES

(This page intentionally left blank)

DATA SET SYMBOL

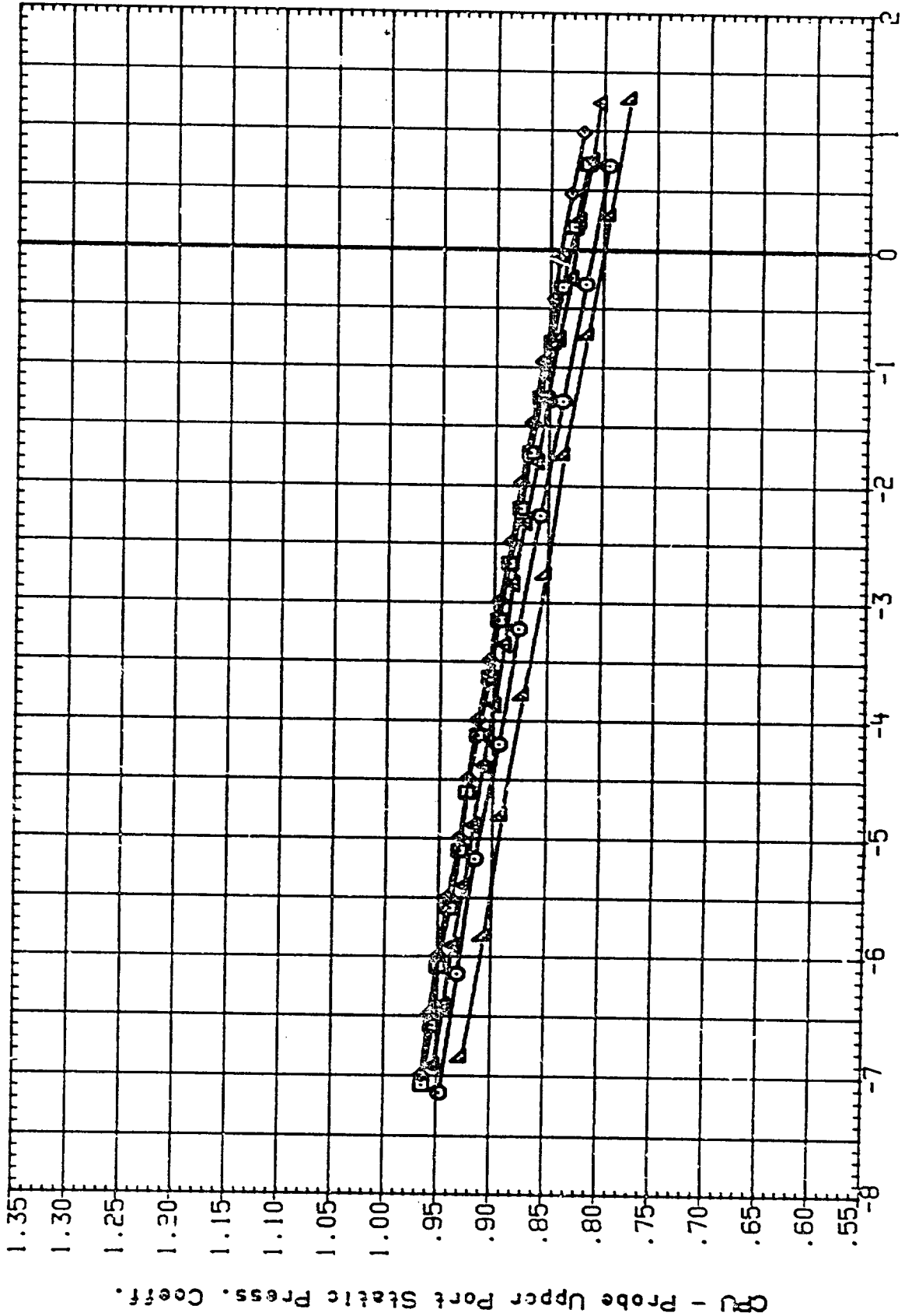
- RC1042
- RC1045
- RC1049
- RC1053
- RC1056

CONFIGURA: γ

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

BETA PHI

- 4.000 180.000
- 2.000 180.000
- 2.000 180.000
- 4.000 180.000



C_p - Probe Upper Port Static Press. Coeff.

PRECEDING PAGE BLANK NOT FILMED

FIG. 1 AADS PROBE CALIBRATION - TEST SERIES 4

(A) MACH = .60

DATE 22 OCT 91

DATA SET SYMBOL

RC1042
RC1043
RC1048
RC1053
RC1056

CONFIGURATION

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

BETA PHI

-4.000 180.000
-2.000 180.000
2.000 180.000
4.000 180.000

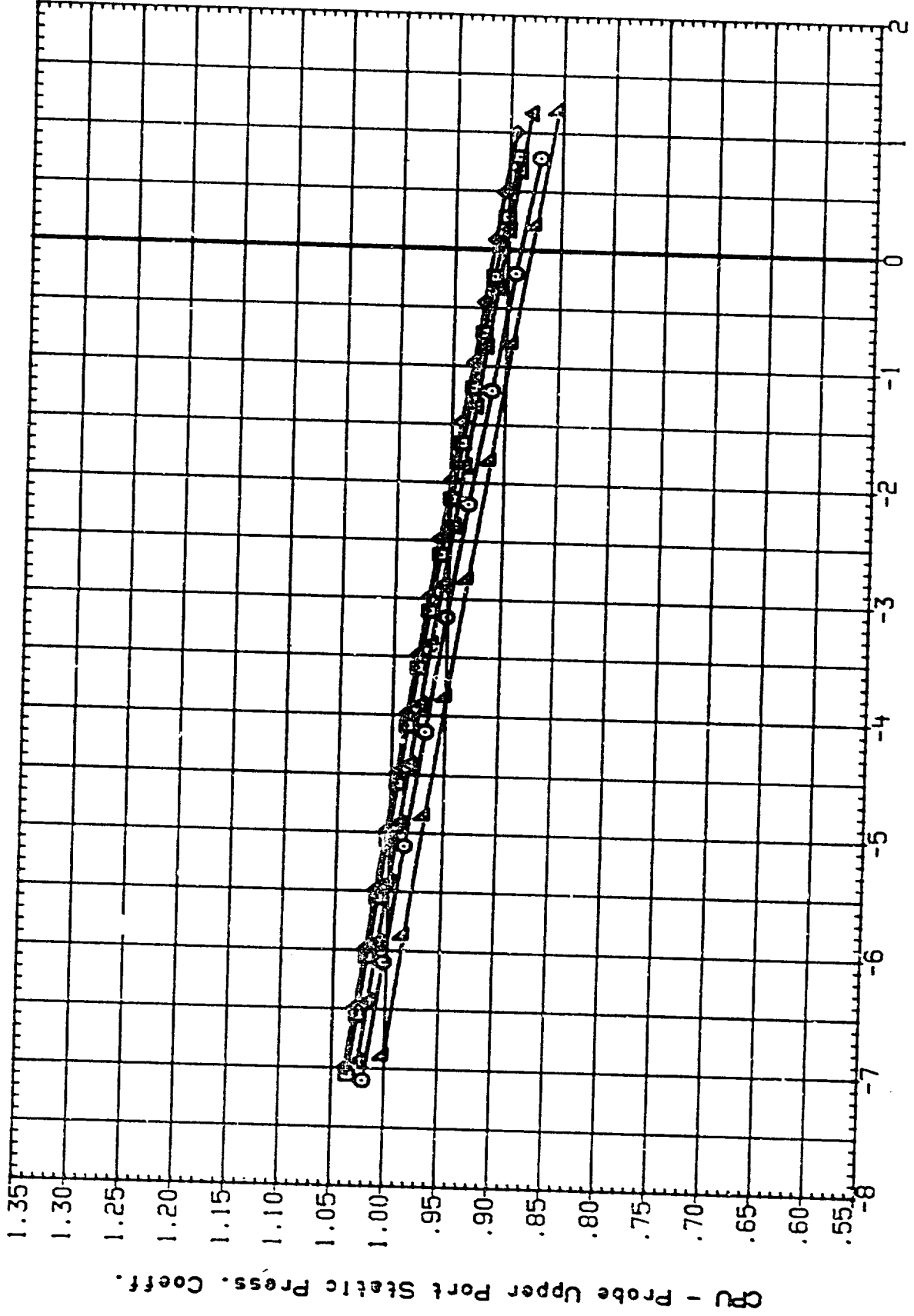


FIG. 1 AADS PROBE CALIBRATION - TEST SERIES 4

(B) XCH = .80

DATE 22 OCT 91

DATA SET SYMBOL

RCH042
 RCH045
 RCH049
 RCH053
 RCH058

CONFIGURATION

IA310 (AEDC 161F-783) PROGE CALIBRATION
 IA310 (AEDC 161F-783) PROGE CALIBRATION
 IA310 (AEDC 161F-783) PROGE CALIBRATION
 IA310 (AEDC 161F-783) PROGE CALIBRATION
 IA310 (AEDC 161F-783) PROGE CALIBRATION

DELTA PHI
 -4.000 180.000
 -2.000 180.000
 .000 180.000
 2.000 180.000
 4.000 180.000

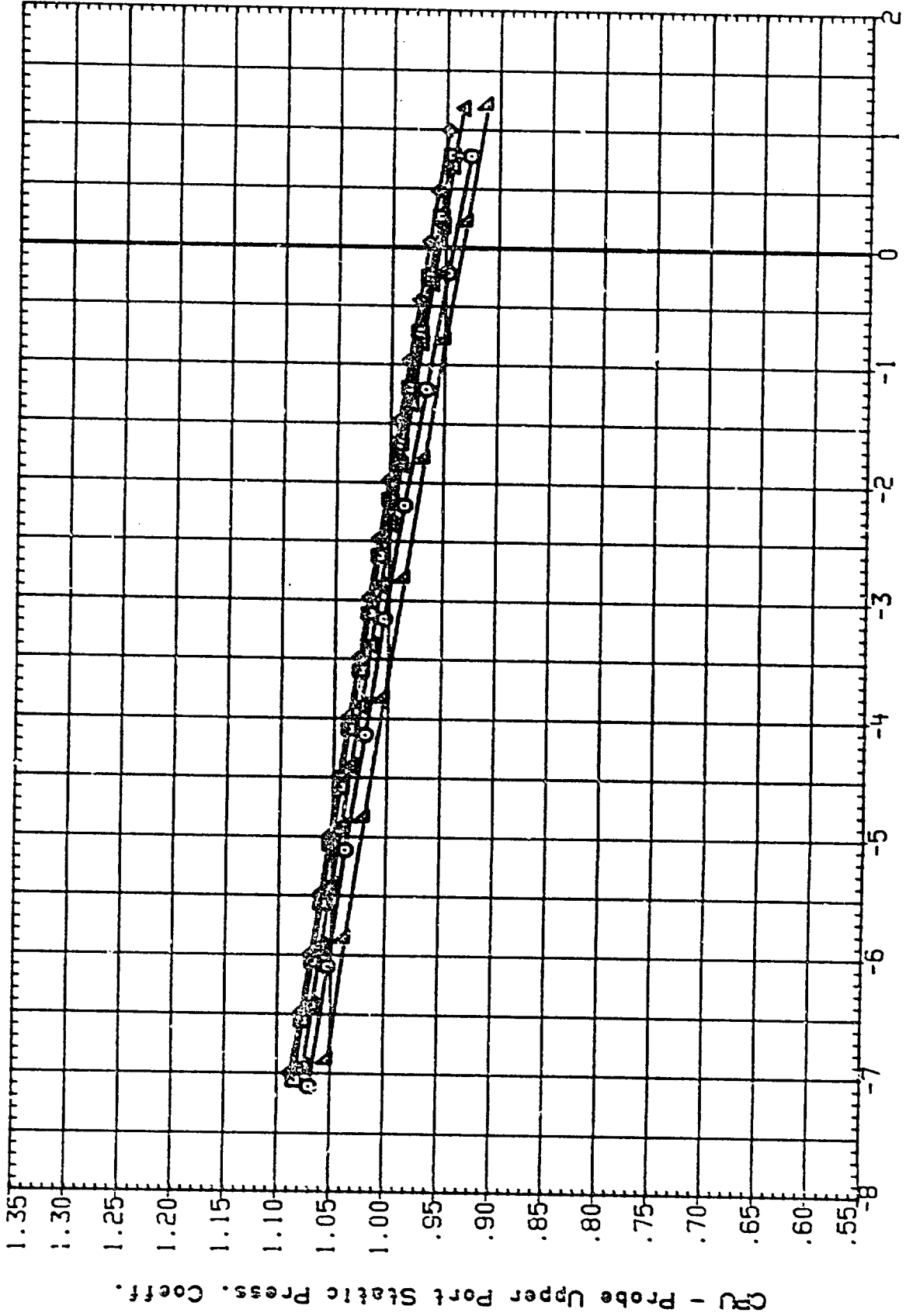


FIG. 1 AADS PROBE CALIBRATION - TEST SERIES 4

DATA SET SYMBOL

RC1942
RC1045
RC1549
RC1053
RC1053

CONFIGURATION

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

BETA PHI
-4.000 180.000
-2.000 180.000
.000 180.000
2.000 180.000
4.000 180.000

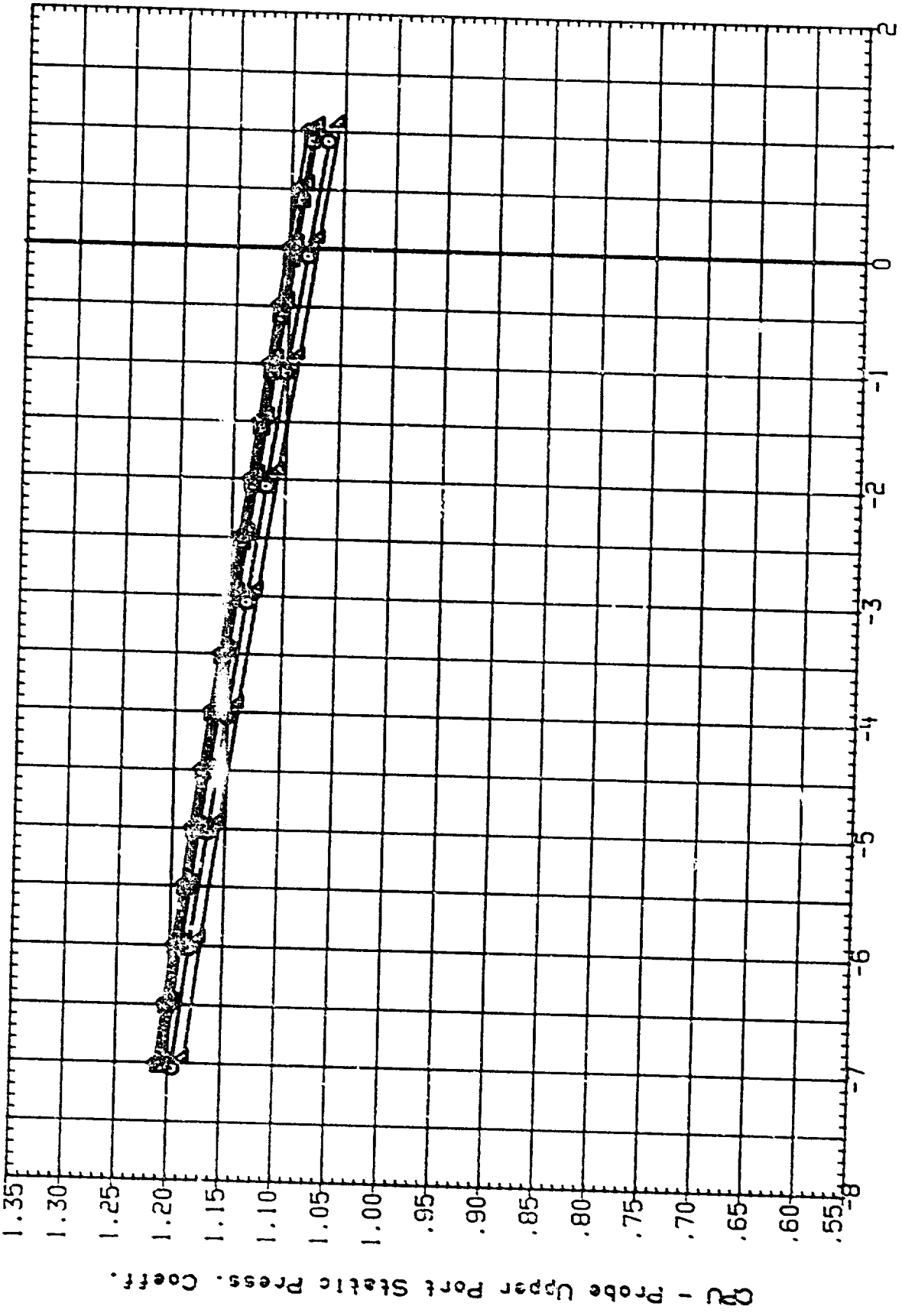


FIG. 1 AADS PROBE CALIBRATION - TEST SERIES 4

DATA SET SYMBOL

- RCN02
- RCN05
- RCN19
- RCN33
- RCN56

CONFIGURATION

- IA310 (AEDC 181F-783) PROBE CALIBRATION
- IA310 (AEDC 181F-783) PROBE CALIBRATION
- IA310 (AEDC 181F-783) PROBE CALIBRATION
- IA310 (AEDC 181F-783) PROBE CALIBRATION
- IA310 (AEDC 181F-783) PROBE CALIBRATION

BETA PHI

- 4.000 180.000
- 2.000 180.000
- 2.000 180.000
- 4.000 180.000

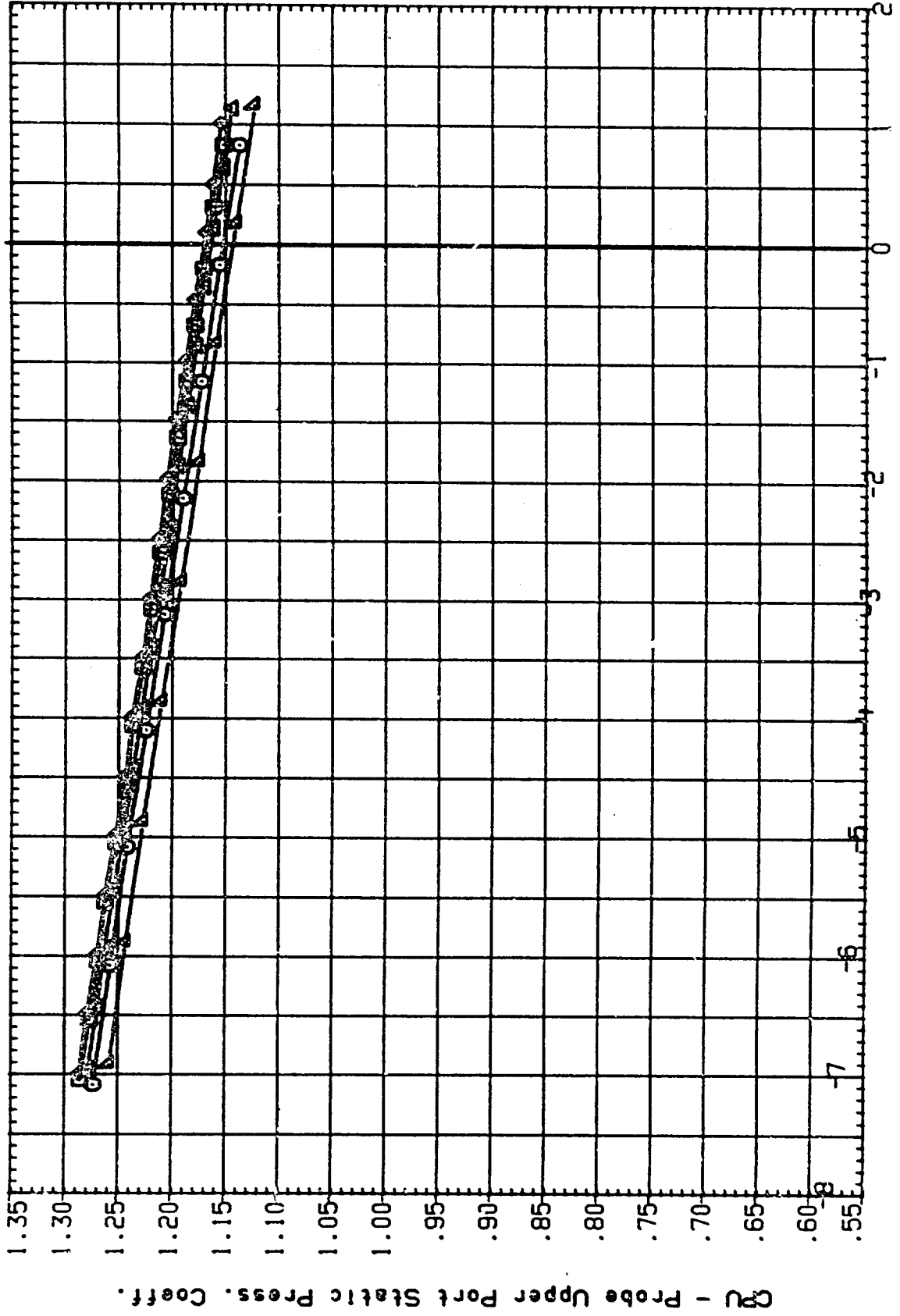


FIG. 1 AADS PROBE CALIBRATION - TEST SERIES 4

DATA SET SYMBOL

RCH0W2
RCH1B5
RCH5V9
RCH0A3
RCH0S6

CONFIGURATION

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

BETA PHI

-4.000 180.000
-2.000 180.000
.000 180.000
2.000 180.000
4.000 180.000

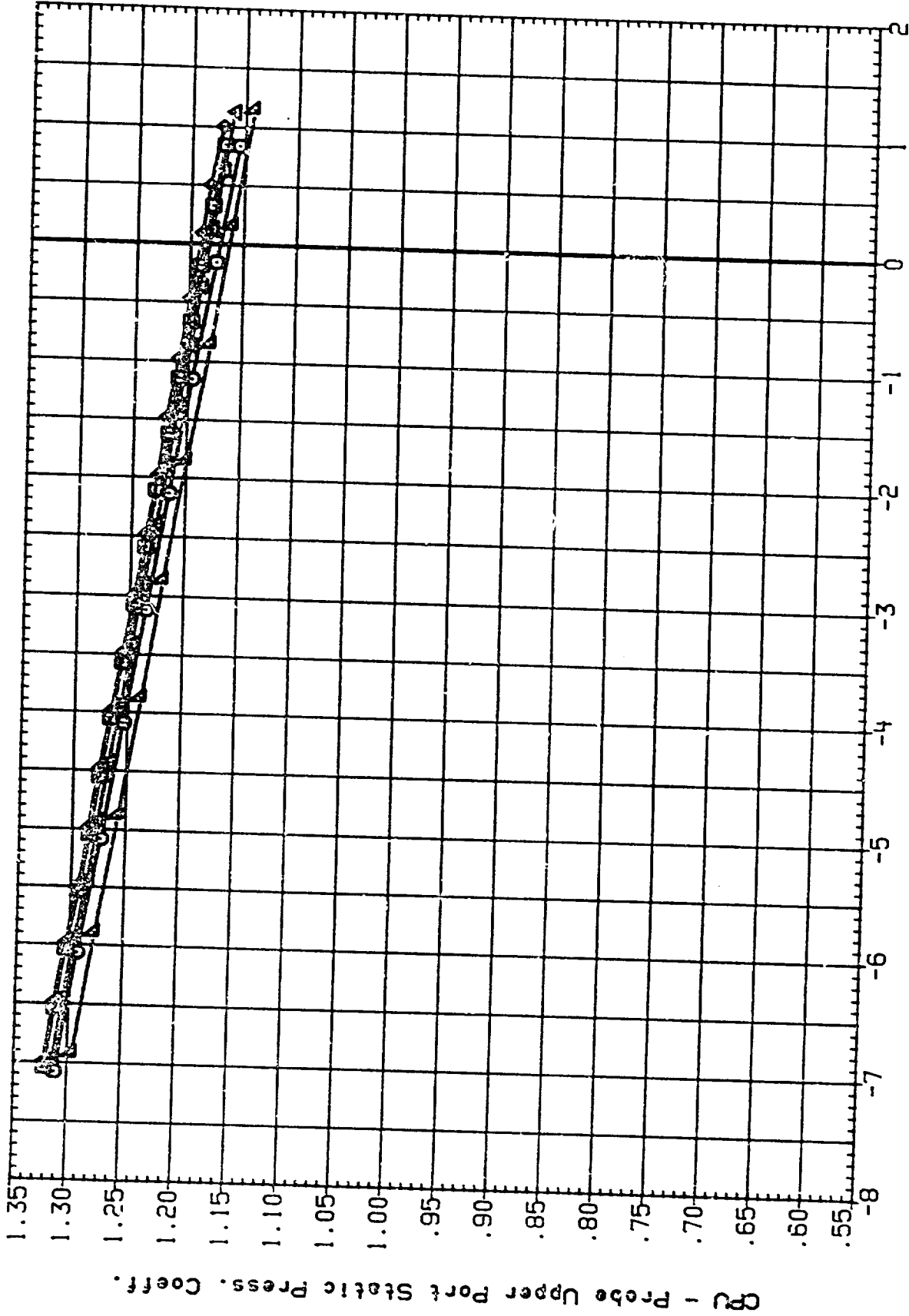


FIG. 1 AADS PROBE CALIBRATION - TEST SERIES 4

(A) iACH = 1.40

DATE 22 OCT 91

DATA SET SYMBOL

- RC1042
- RC1045
- RC1049
- RC1053
- RC1056

CONFIGURATION

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

BETA PHI

- 4.000 180.000
- 2.000 180.000
- .000 180.000
- 2.000 180.000
- 4.000 180.000

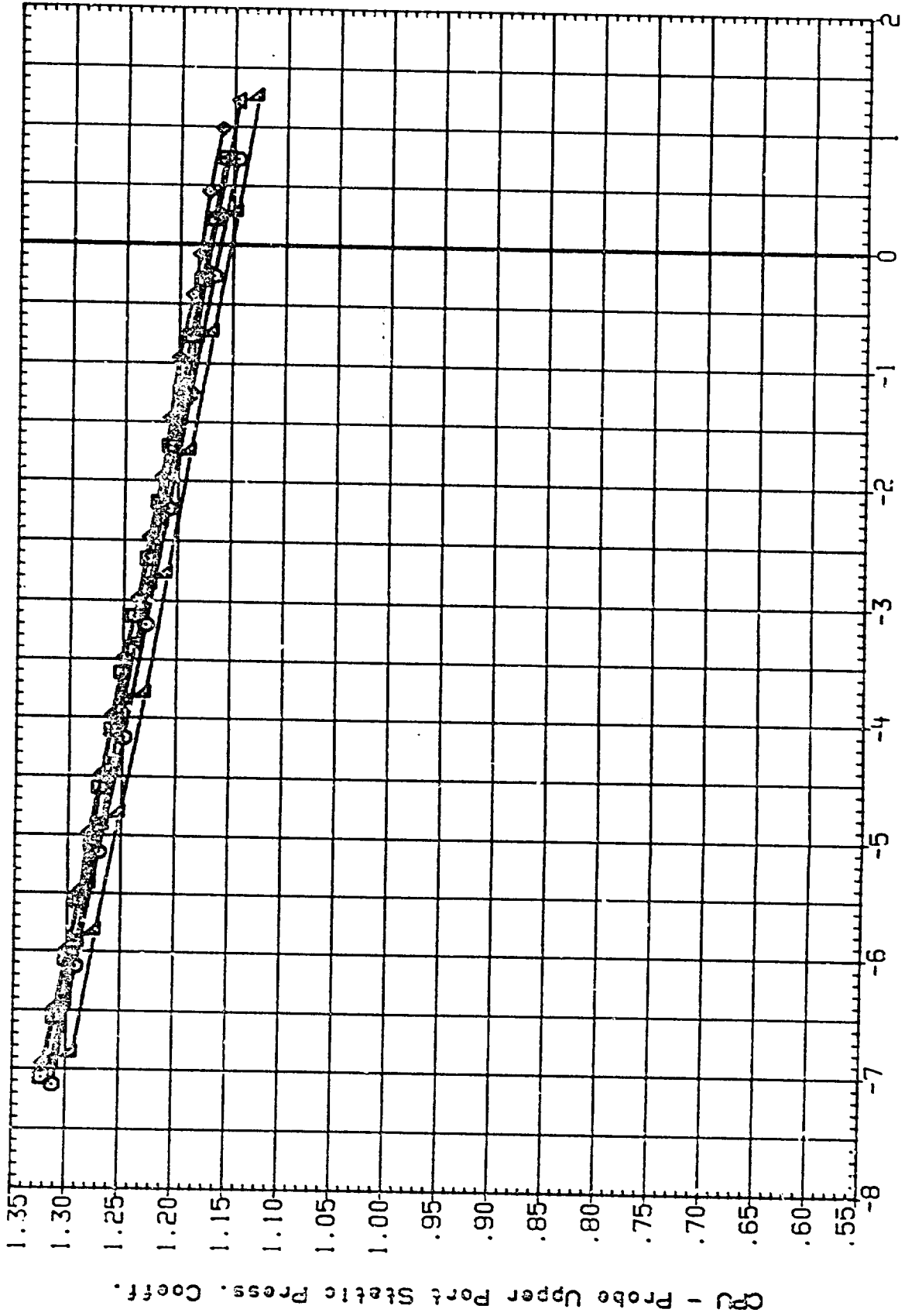


FIG. 1 AADS PROBE CALIBRATION - TEST SERIES 4

(G)MACH = 1.45

DATE 22 OCT 91

DATA SET SYMBOL

RC1042
RC1043
RC1044
RC1045
RC1046
RC1047

CONFIGURATION

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

BETA PHI

-4.000 180.000
-2.000 180.000
.000 180.000
2.000 180.000
4.000 180.000

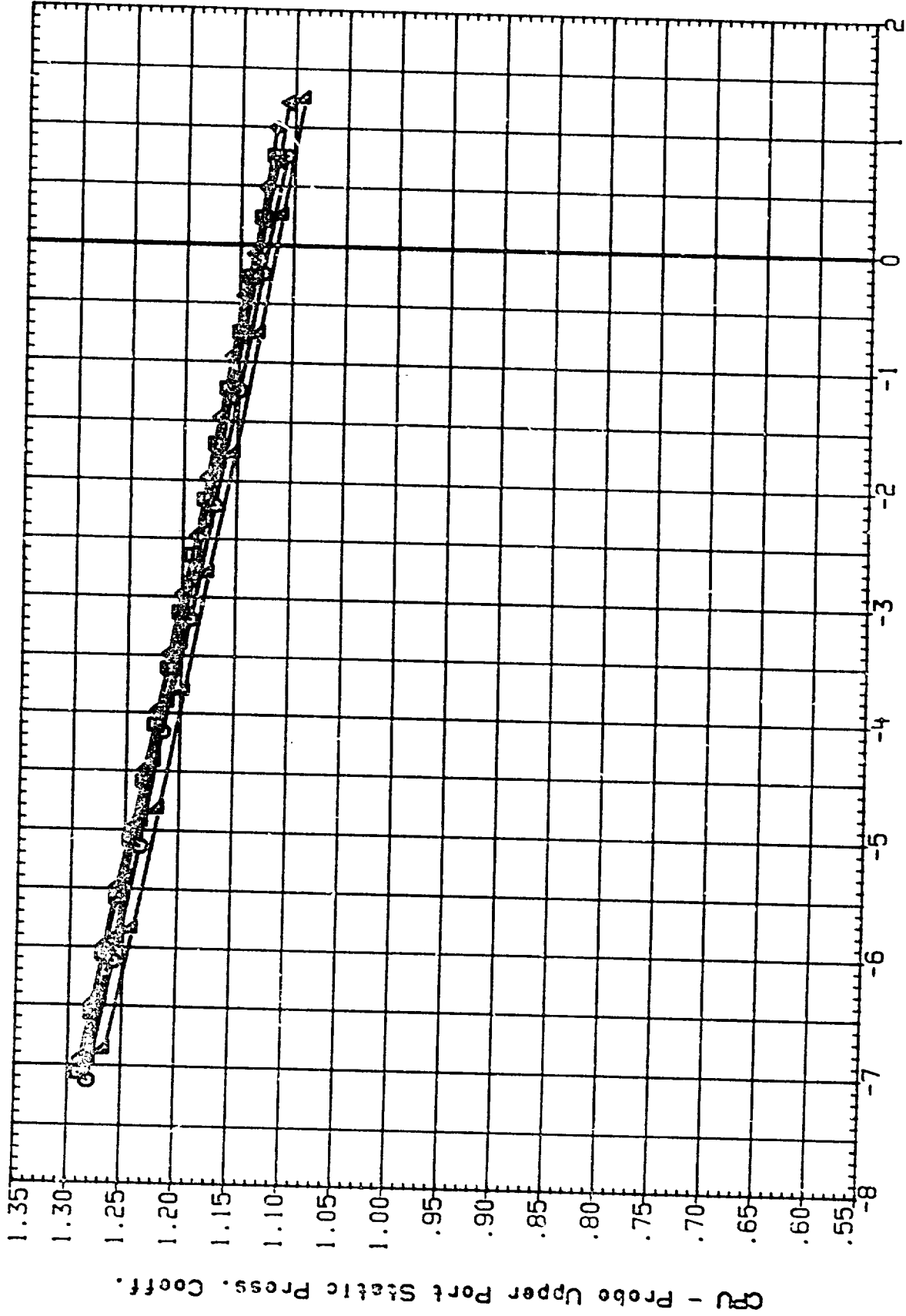


FIG. 1 AADS PROBE CALIBRATION - TEST SERIES 4

DATA SET SYMBOL

RC1042
 RC1045
 RC1549
 RC1033
 RC1058

CONFIGURATION

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

BETA PHI
 -4.000 180.000
 -2.000 180.000
 .000 180.000
 2.000 180.000
 4.000 180.000

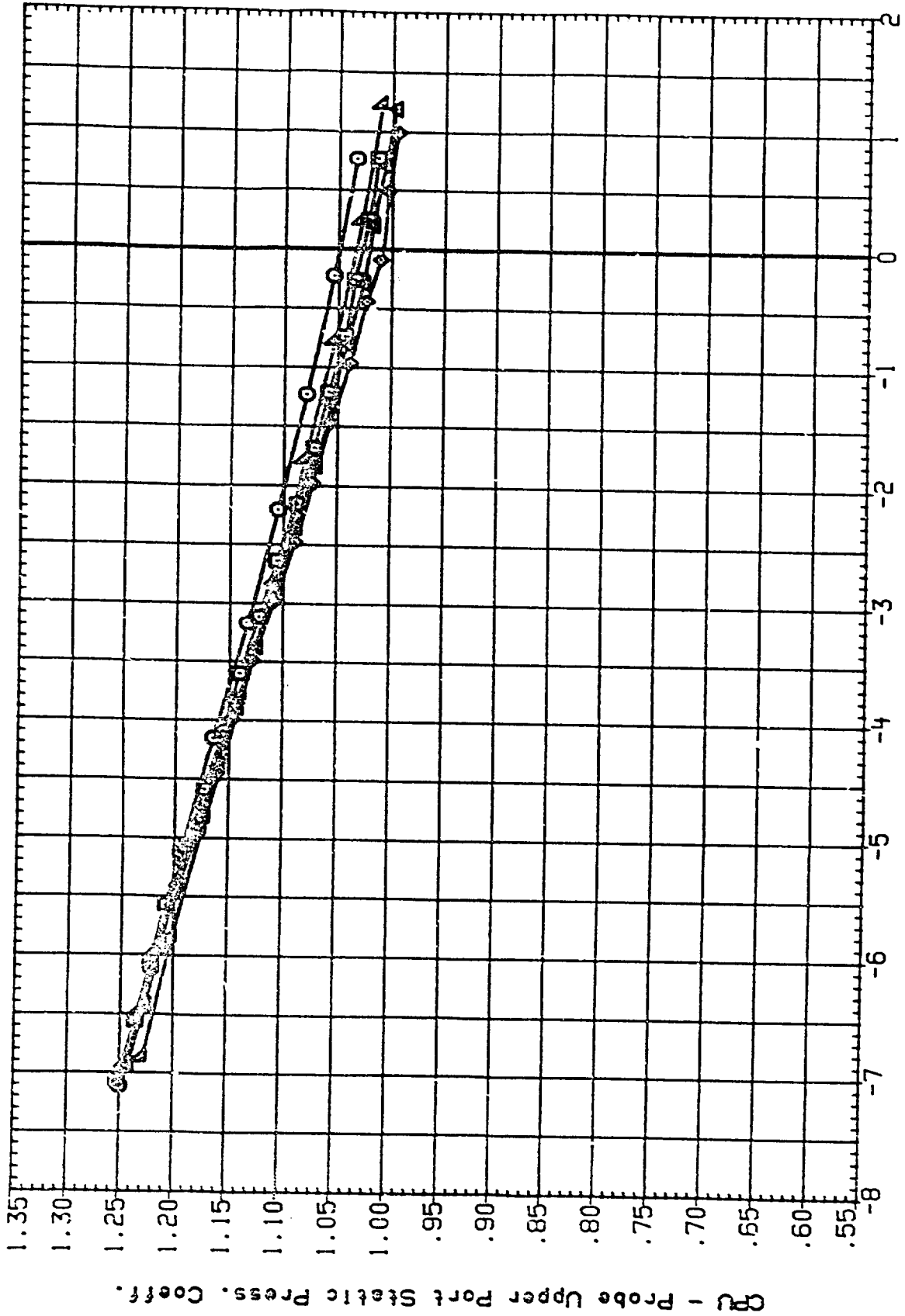


FIG. 1 AADS PROBE CALIBRATION - TEST SERIES 4

DATA SET SYMBOL

RC1042
 RC1045
 RC1049
 RC1053
 RC1058

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

BETA PHI
 -4.000 180.000
 -2.000 180.000
 .000 180.000
 2.000 180.000
 4.000 180.000

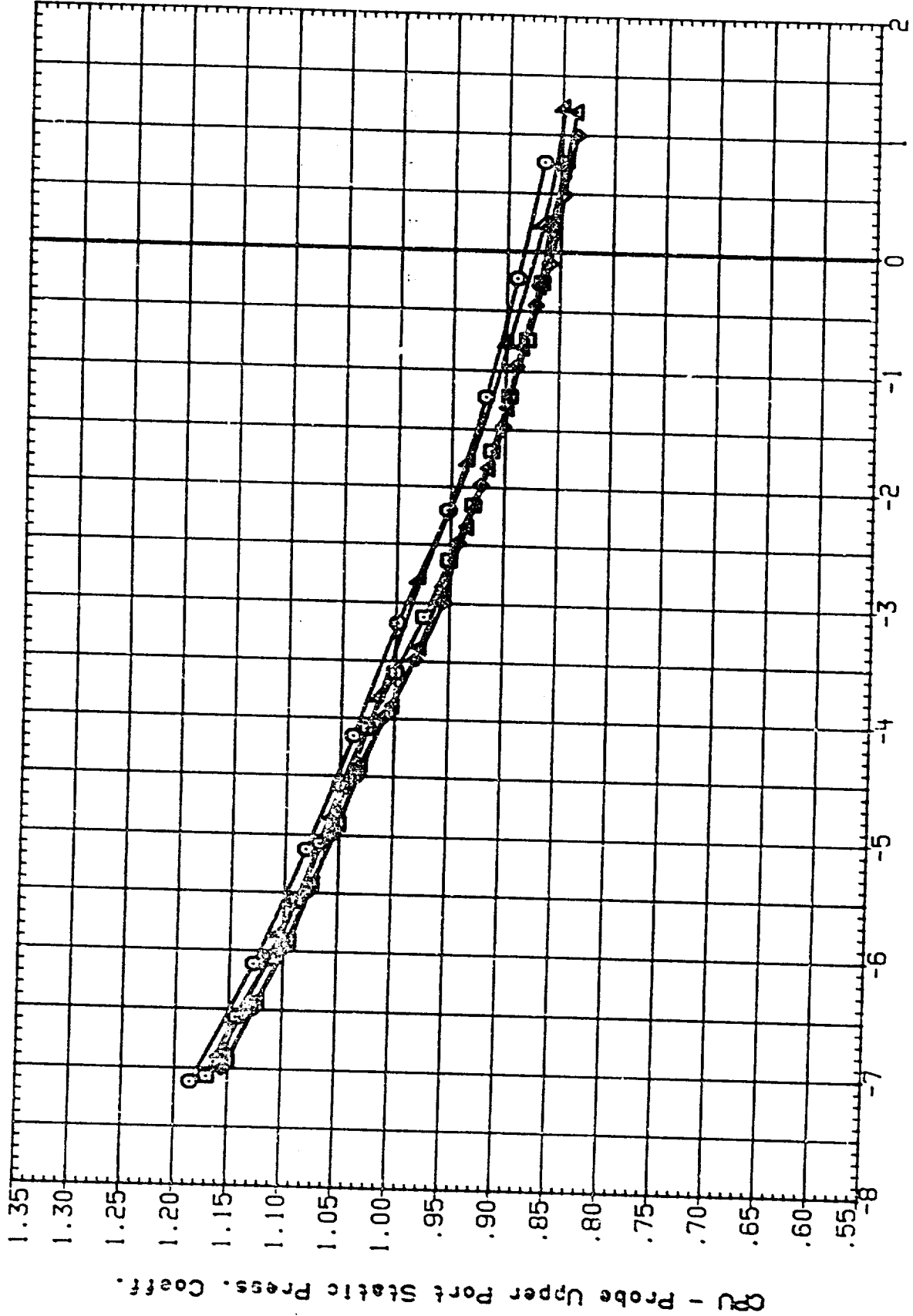


FIG. 1 AADS PROBE CALIBRATION - TEST SERIES 4

DATA SET SYM/DOL

RCM02
RCM045
RCM048
RCM053
RCM056

CONFIGURATION

IA310 (AEDC 181F-783) PROBE CALIBRATION
IA310 (AEDC 181F-783) PROBE CALIBRATION
IA310 (AEDC 181F-783) PROBE CALIBRATION
IA310 (AEDC 181F-783) PROBE CALIBRATION
IA310 (AEDC 181F-783) PROBE CALIBRATION

BETA PHI

-4.000 180.000
-2.000 180.000
.000 180.000
2.000 180.000
4.000 180.000

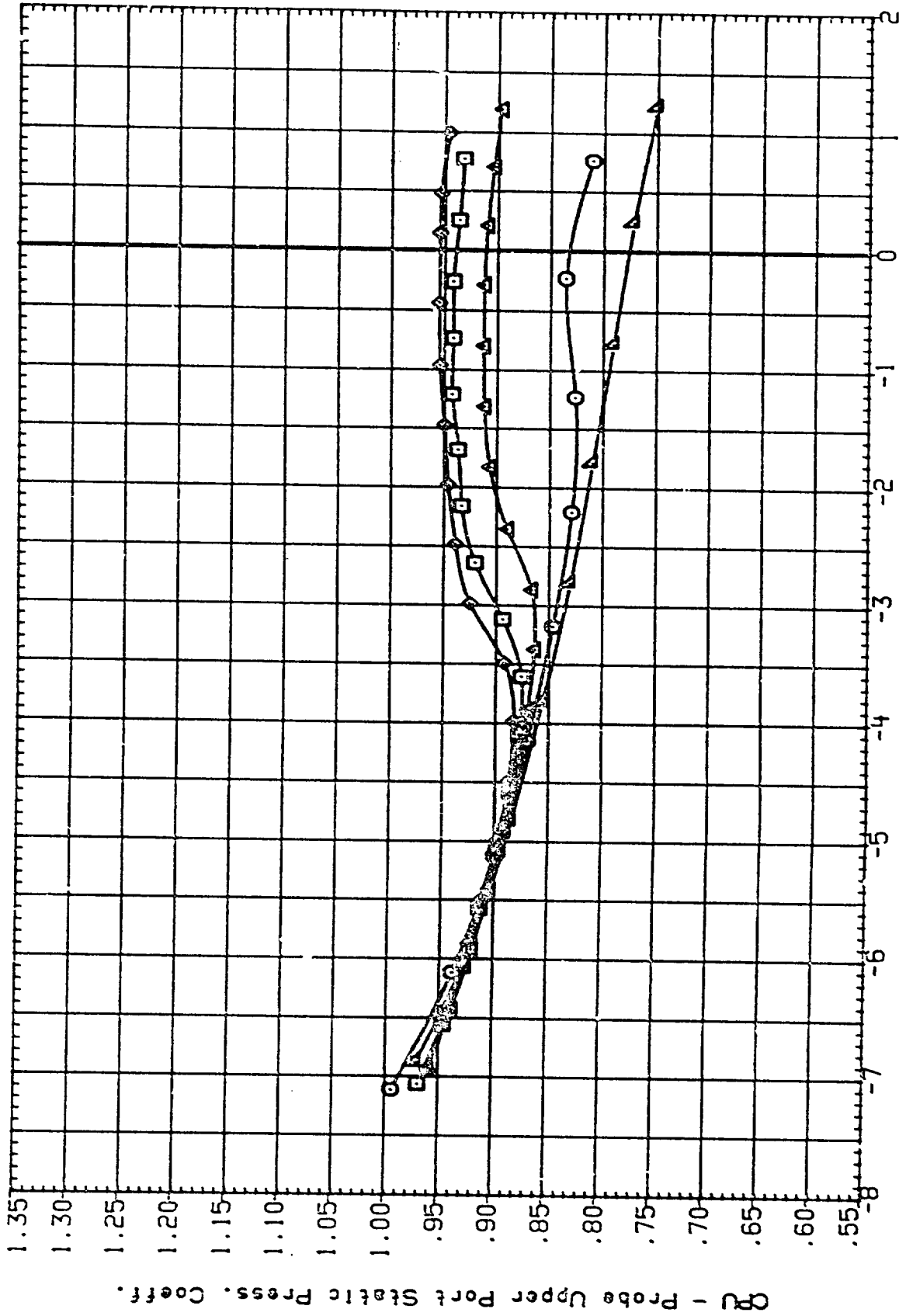


FIG. 1 AADS PROBE CALIBRATION - TEST SERIES 4

DATA SET SYMBOL

- RCM042
- RCM043
- RCM049
- RCM053
- RCM056

CONFIGURATION

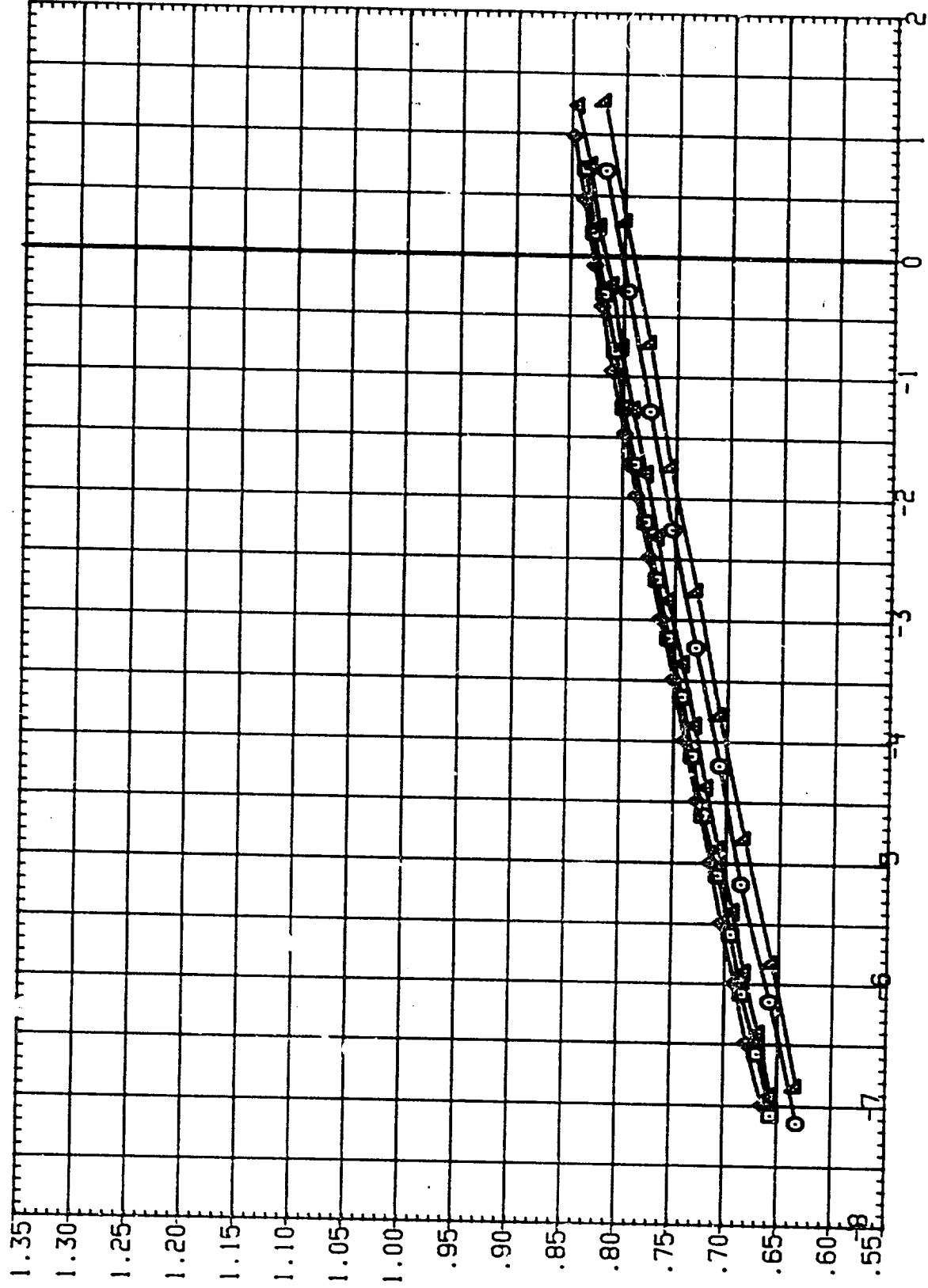
- IA310 (AEDC 181F-783) PROBE CALIBRATION
- IA310 (AEDC 181F-783) PROBE CALIBRATION
- IA310 (AEDC 181F-783) PROBE CALIBRATION
- IA310 (AEDC 181F-783) PROBE CALIBRATION
- IA310 (AEDC 181F-783) PROBE CALIBRATION

BETA

- 4.000
- 2.000
- 2.000
- 4.000

PHI

- 180.000
- 180.000
- 180.000
- 180.000



CPB - Probe Bottom Port Static Press. Coeff.

FIG. 1 AADS PROBE CALIBRATION - TEST SERIES 4

MACH = .60

DATE 22 OCT 91

DATA SET SY1204

RCH042
 RCH045
 RCH049
 RCH033
 RCH035

CONFIGURATION

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

BETA PHI
 -4.000 180.000
 -2.000 180.000
 .000 180.000
 2.000 180.000
 4.000 180.000

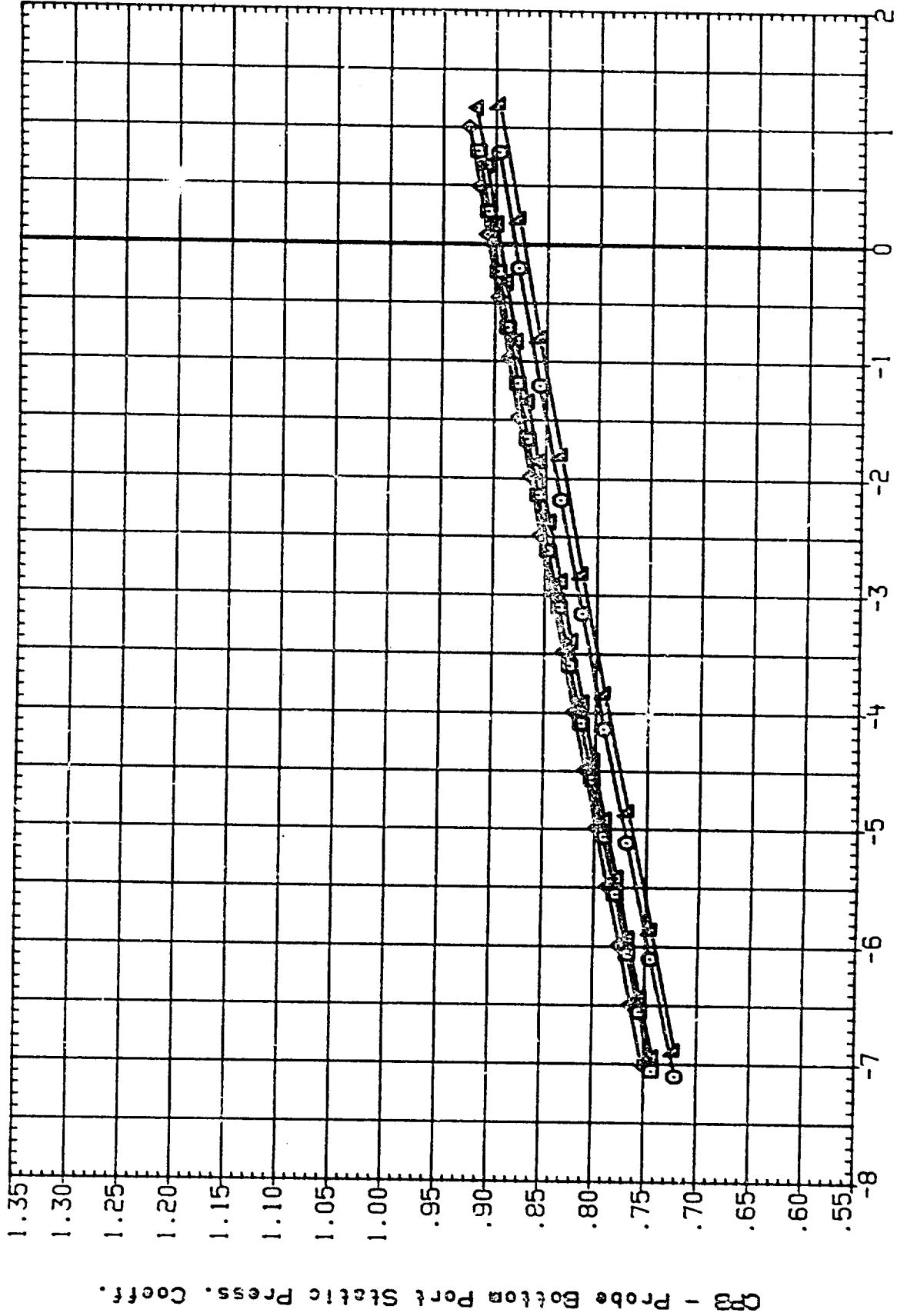


FIG. 1 AADS PROBE CALIBRATION - TEST SERIES 4

DATA SET SYMBOL

RC1042
RC1045
RC1049
RC1053
RC1055

CONFIGURATION

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

BETA PHI

-4.000 180.000
-2.000 180.000
2.000 180.000
4.000 180.000

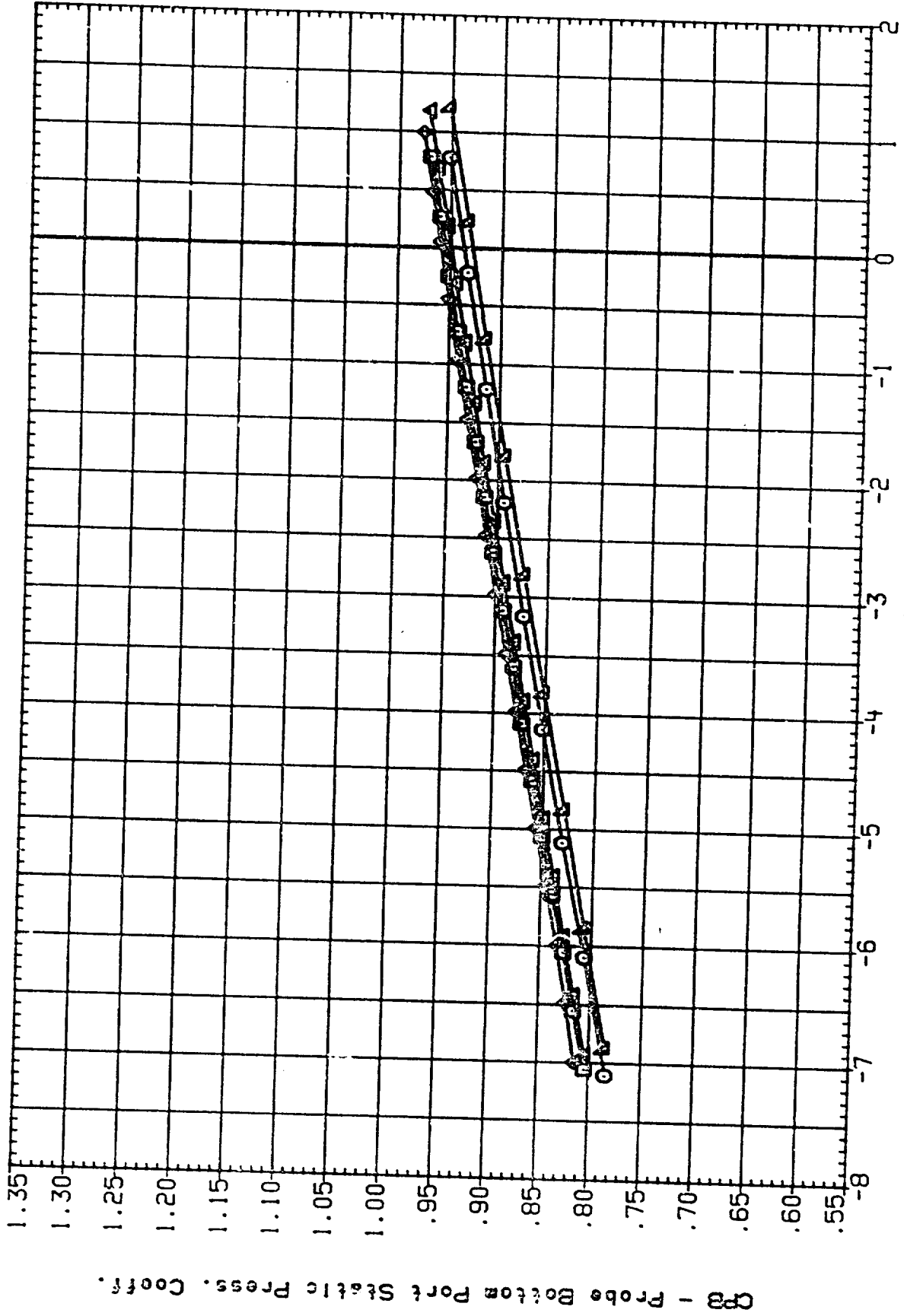


FIG. 1 AADS PROBE CALIBRATION - TEST SERIES 4

(C) EACH = .90

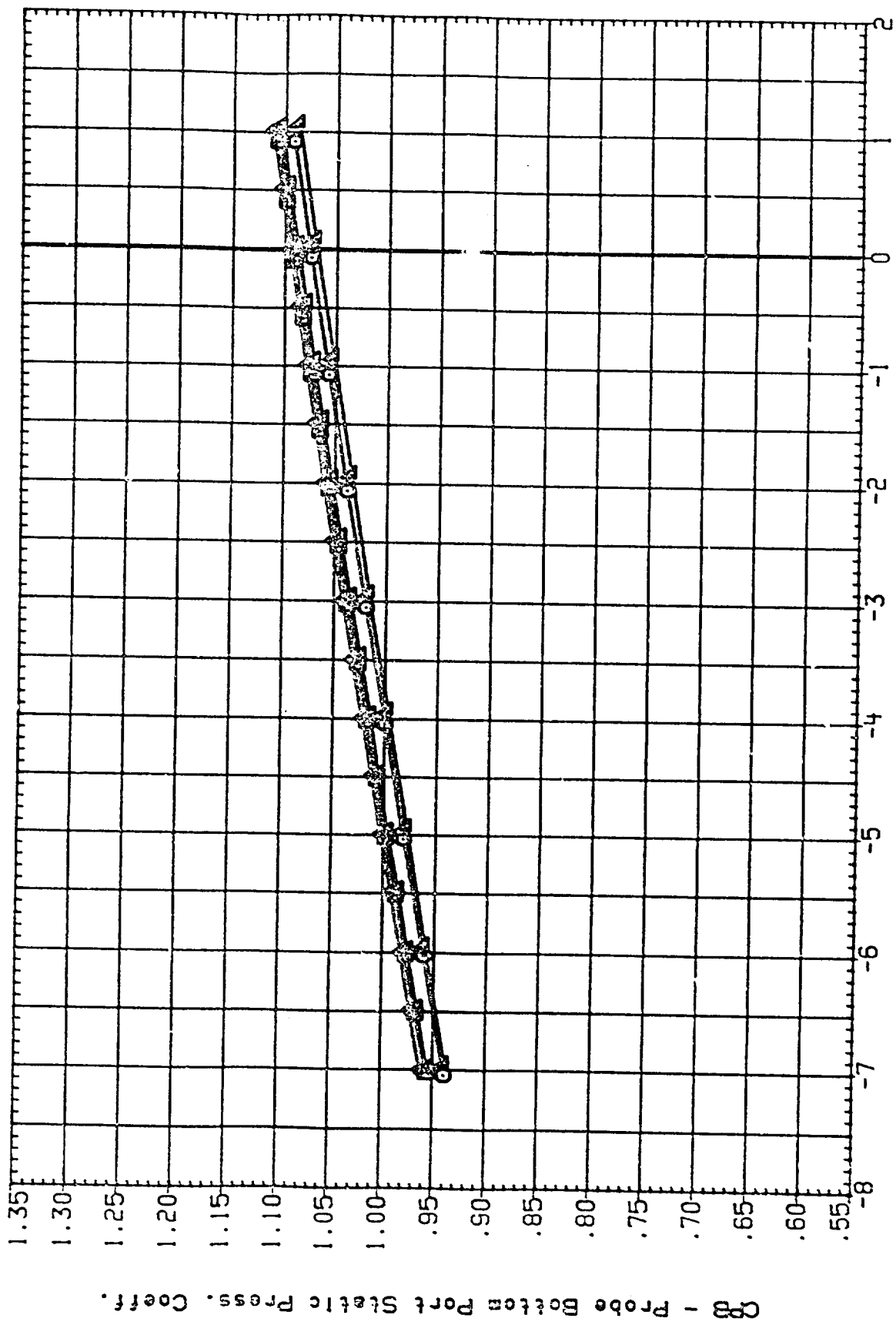
DATE 22 OCT 91

DATA SET SYMBOL

- RC1042
- RC1045
- RC1549
- RC1033
- RC1038

CONFIGURATION	PROBE CALIBRATION
IA310 (AEDC 16TF-783)	PROBE CALIBRATION
IA310 (AEDC 16TF-783)	PROBE CALIBRATION
IA310 (AEDC 16TF-783)	PROBE CALIBRATION
IA310 (AEDC 16TF-783)	PROBE CALIBRATION

BETA	PHI
-4.000	180.000
-2.000	180.000
.000	180.000
2.000	180.000
4.000	180.000



Q8 - Probe Bottom Port Static Press. Coeff.

FIG. 1 AADS PROBE CALIBRATION - TEST SERIES 4

LATA SET SYMBOL

-
- ⊙
- ⊗
- ⊕

IA310 (AEDC 161F-783)	PROBE CALIBRATION
IA310 (AEDC 161F-783)	PROBE CALIBRATION
IA310 (AEDC 161F-783)	PROBE CALIBRATION
IA310 (AEDC 161F-783)	PROBE CALIBRATION

BETA	PHI
-4.000	180.000
-2.000	180.000
.000	180.000
2.000	180.000
4.000	180.000

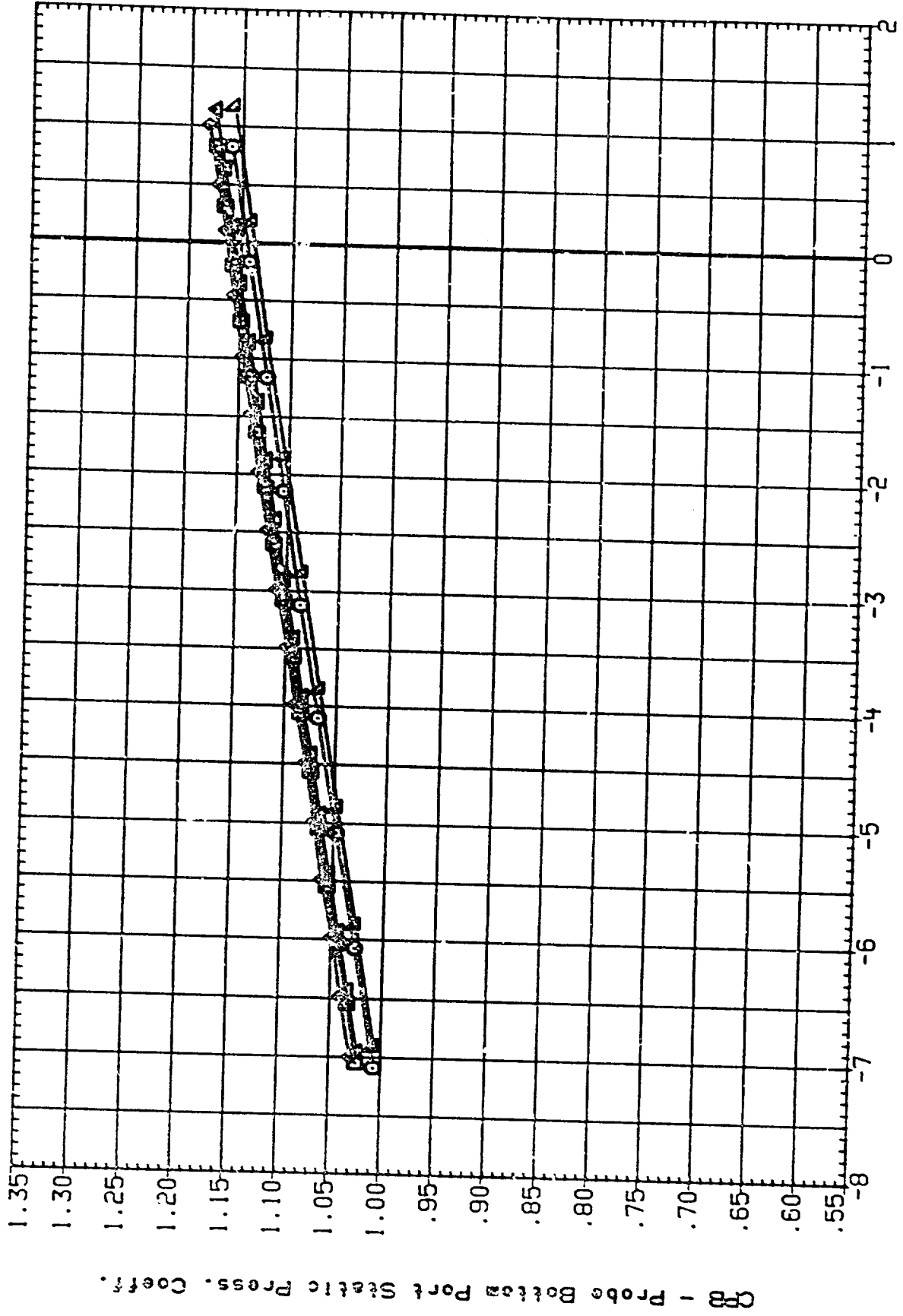


FIG. 1 AADS PROBE CALIBRATION - TEST SERIES 4

(E) CH = 1.25

DATE 22 OCT 91

DATA SET SW/ECL

RC1012
RC1015
RC1019
RC1023
RC1025

CONFIGURATION

IA310 (AEDC 161F-783) PROBE CALIBRATION
IA310 (AEDC 161F-783) PROBE CALIBRATION
IA310 (AEDC 161F-783) PROBE CALIBRATION
IA310 (AEDC 161F-783) PROBE CALIBRATION
IA310 (AEDC 161F-783) PROBE CALIBRATION

BETA PHI
-4.000 180.000
-2.000 180.000
.000 180.000
2.000 180.000
4.000 180.000

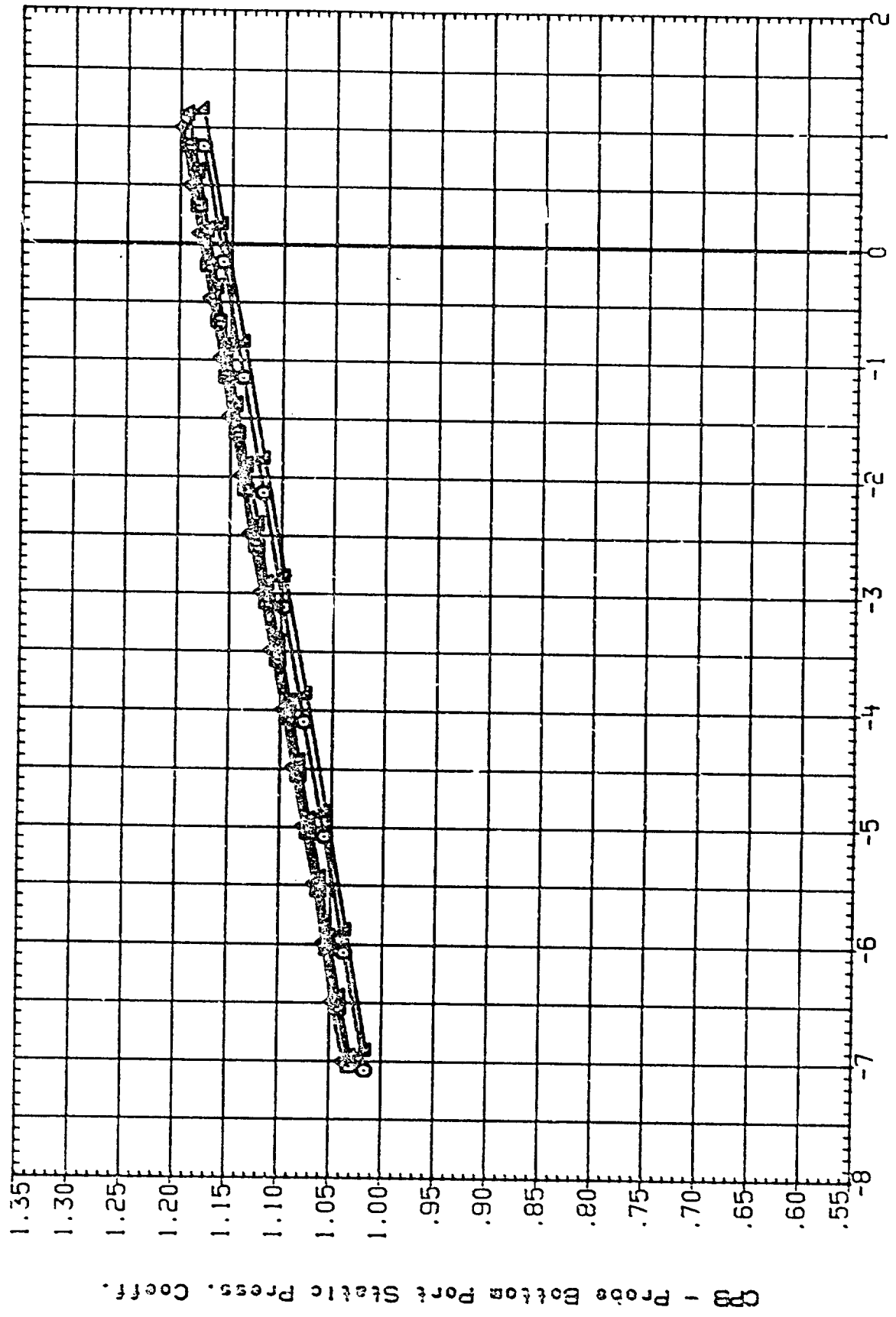


FIG. 1 AADS PROBE CALIBRATION - TEST SERIES 4

DATA SET SYMBOL

RCF042
RCF045
RCF049
RCF053
RCF056

CONFIGURATION

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

BETA PHI
-4.000 180.000
-2.000 180.000
.000 180.000
2.000 180.000
4.000 180.000

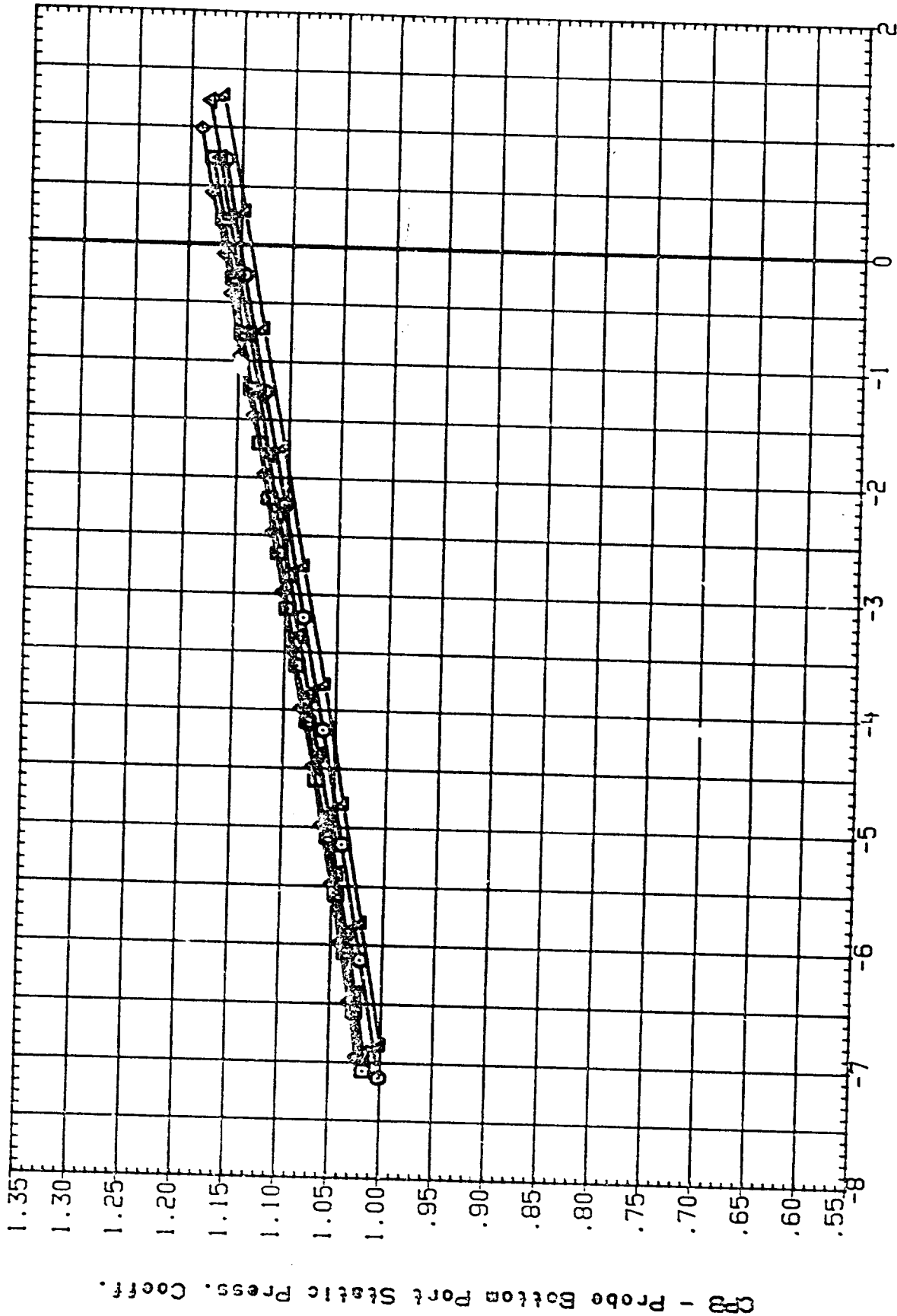


FIG. 1 AADS PROBE CALIBRATION - TEST SERIES 4

(G) CH = 1.45

DATE 11 OCT 91

DATA SET SYMBOL

RCH042
RCH045
RCH049
RCH053
RCH056

CONFIGURATION

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

2.000 180.000
4.000 180.000

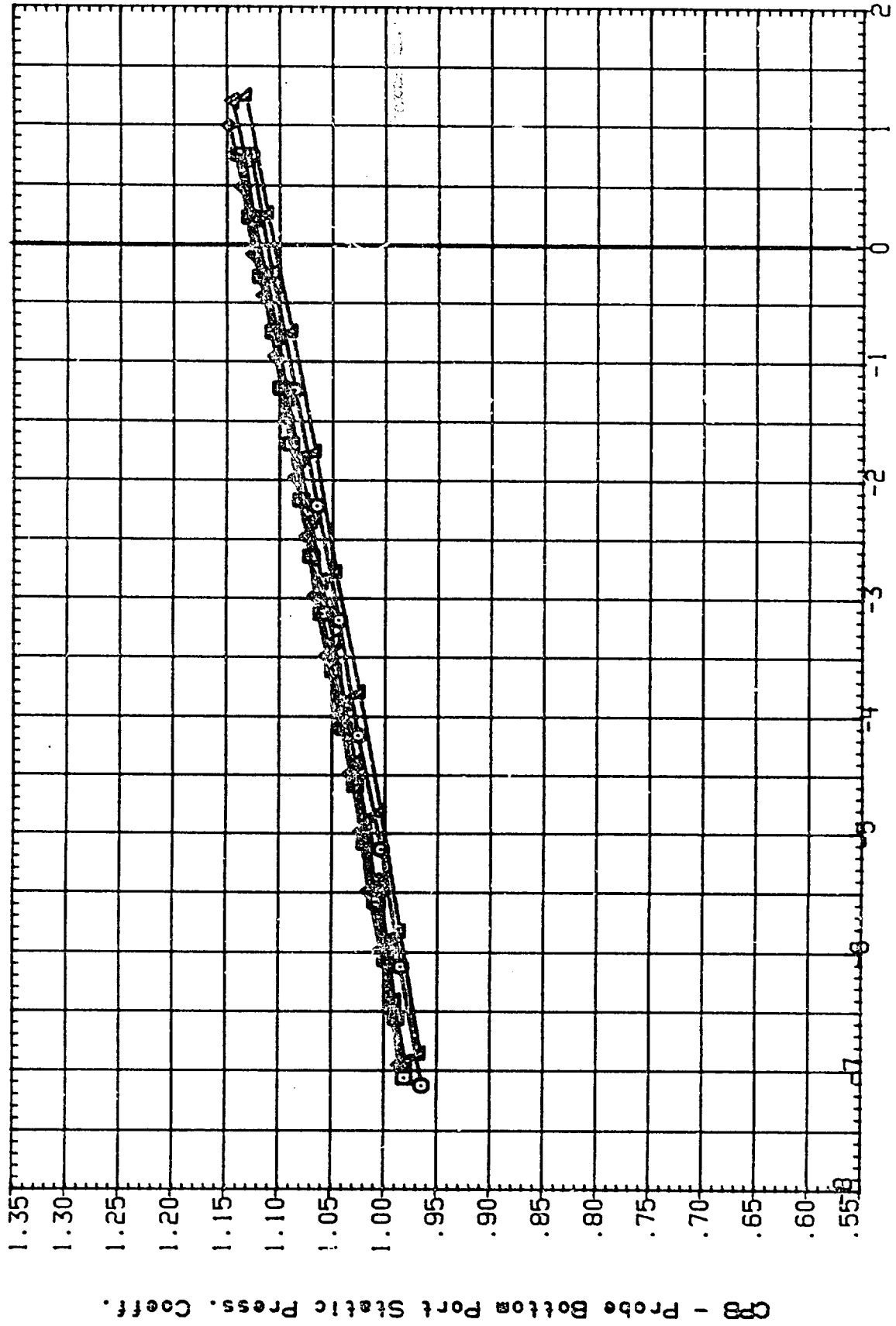


FIG. 1 AADS PROBE CALIBRATION - TEST SERIES 4

DATA SET SYMBOL

RCH042
RCH045
RCH049
RCH033
RCH056

CONFIGURATION

IA310 (AEDC 161F-783) PROBE CALIBRATION
IA310 (AEDC 161F-783) PROBE CALIBRATION
IA310 (AEDC 161F-783) PROBE CALIBRATION
IA310 (AEDC 161F-783) PROBE CALIBRATION

BETA PHI
-4.000 180.000
-2.000 180.000
.000 180.000
2.000 180.000
4.000 180.000

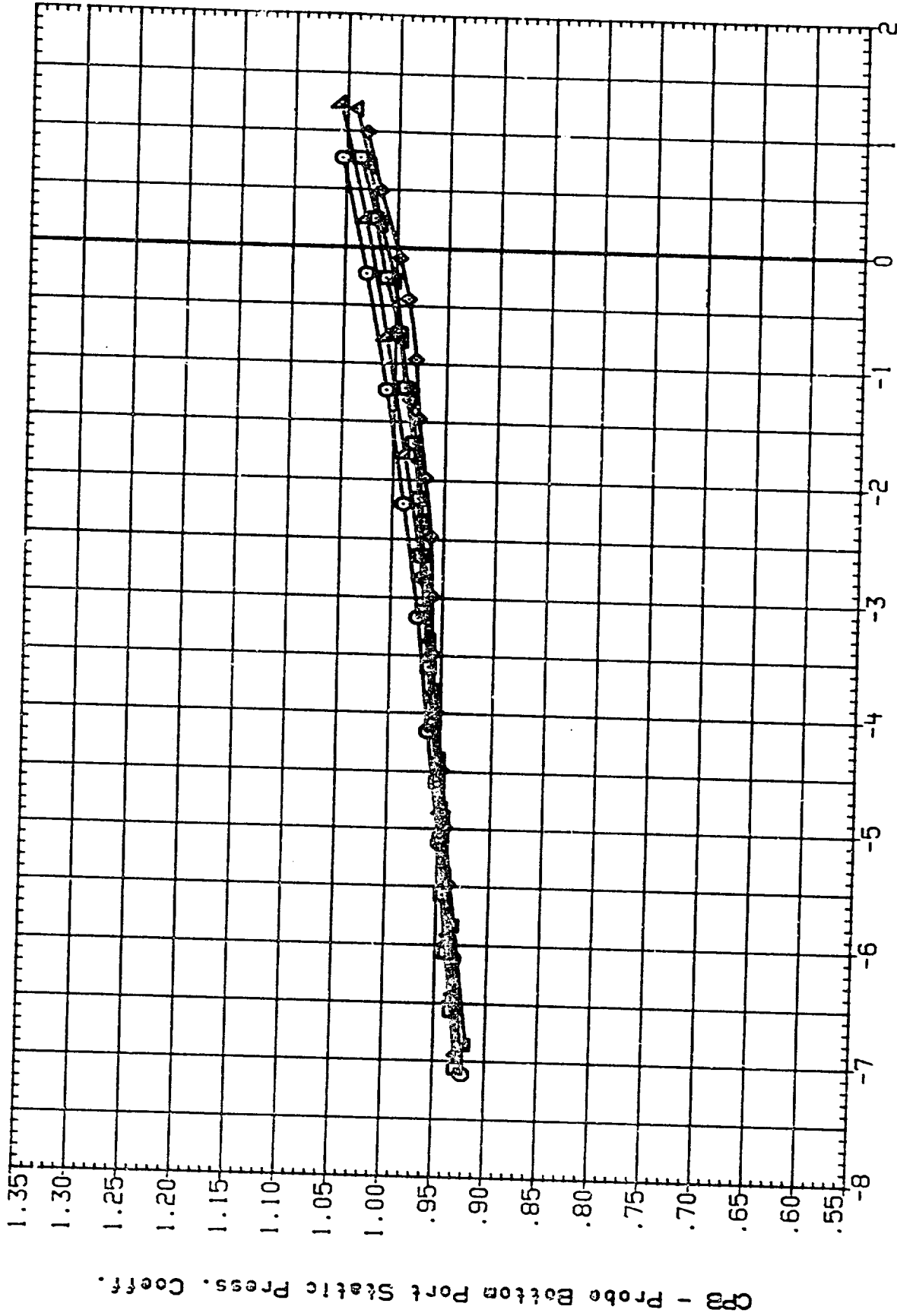


FIG. 1 AADS PROBE CALIBRATION - TEST SERIES 4

(N) ACH = 1.49

DATE 22 OCT 91

DATA SET SYMBOL

RCF042
RCF045
RCF049
RCF053
RCF056

CONFIGURATION

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

BETA PHI

-4.000 180.000
-2.000 180.000
.000 180.000
2.000 180.000
4.000 180.000

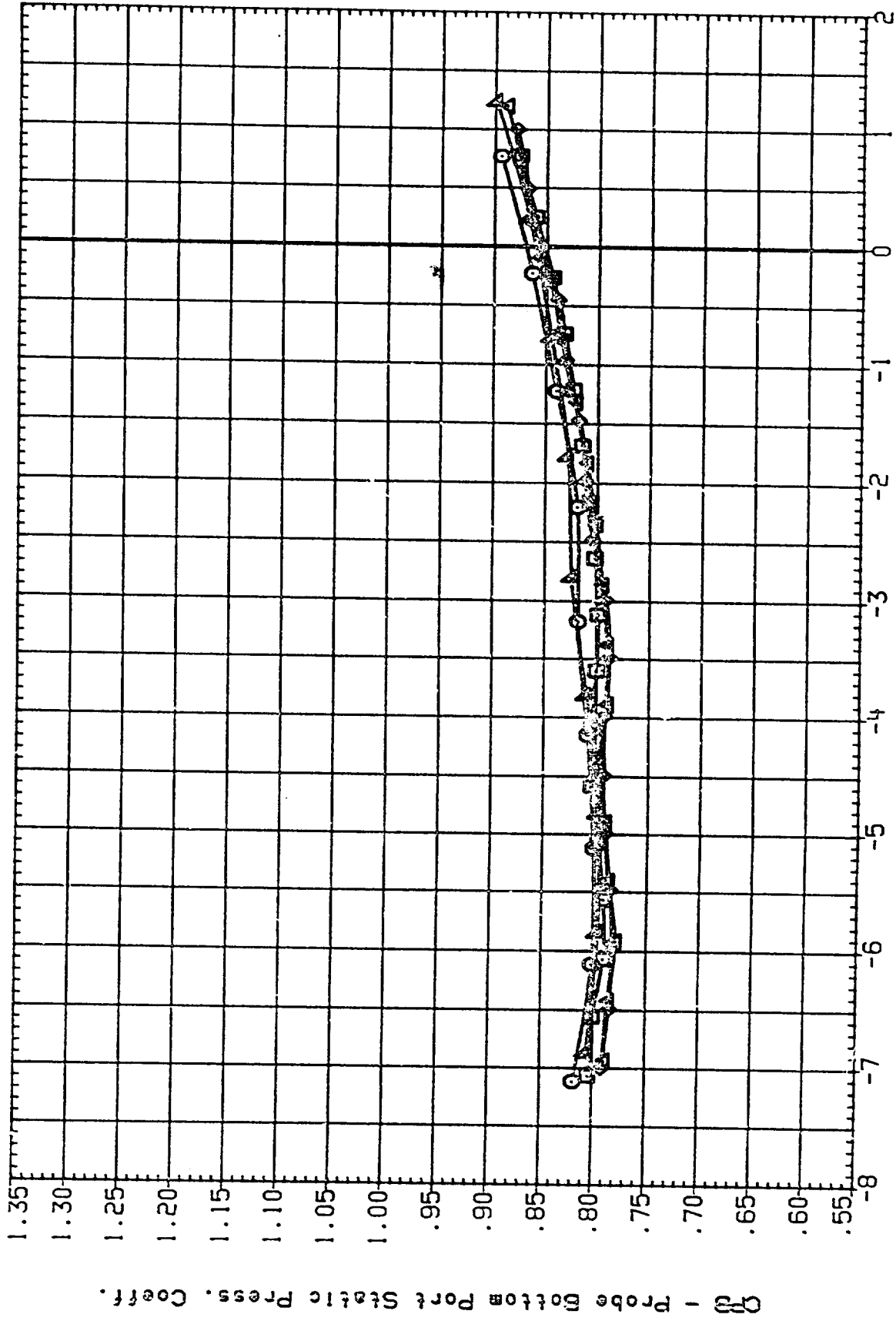


FIG. 1 AADS PROBE CALIBRATION - TEST SERIES 4

DATA SET SYMBOL

- RC1042
- RC1045
- RC1049
- RC1053
- RC1056

CONFIGURATION

- IA310 (AEDC 161F-783) PROBE CALIBRATION
- IA310 (AEDC 161F-783) PROBE CALIBRATION
- IA310 (AEDC 161F-783) PROBE CALIBRATION
- IA310 (AEDC 161F-783) PROBE CALIBRATION
- IA310 (AEDC 161F-783) PROBE CALIBRATION

- BETA
 - 4.000
 - 2.000
 - 2.000
 - 4.000
- PHI
 - 180.000
 - 180.000
 - 180.000
 - 180.000

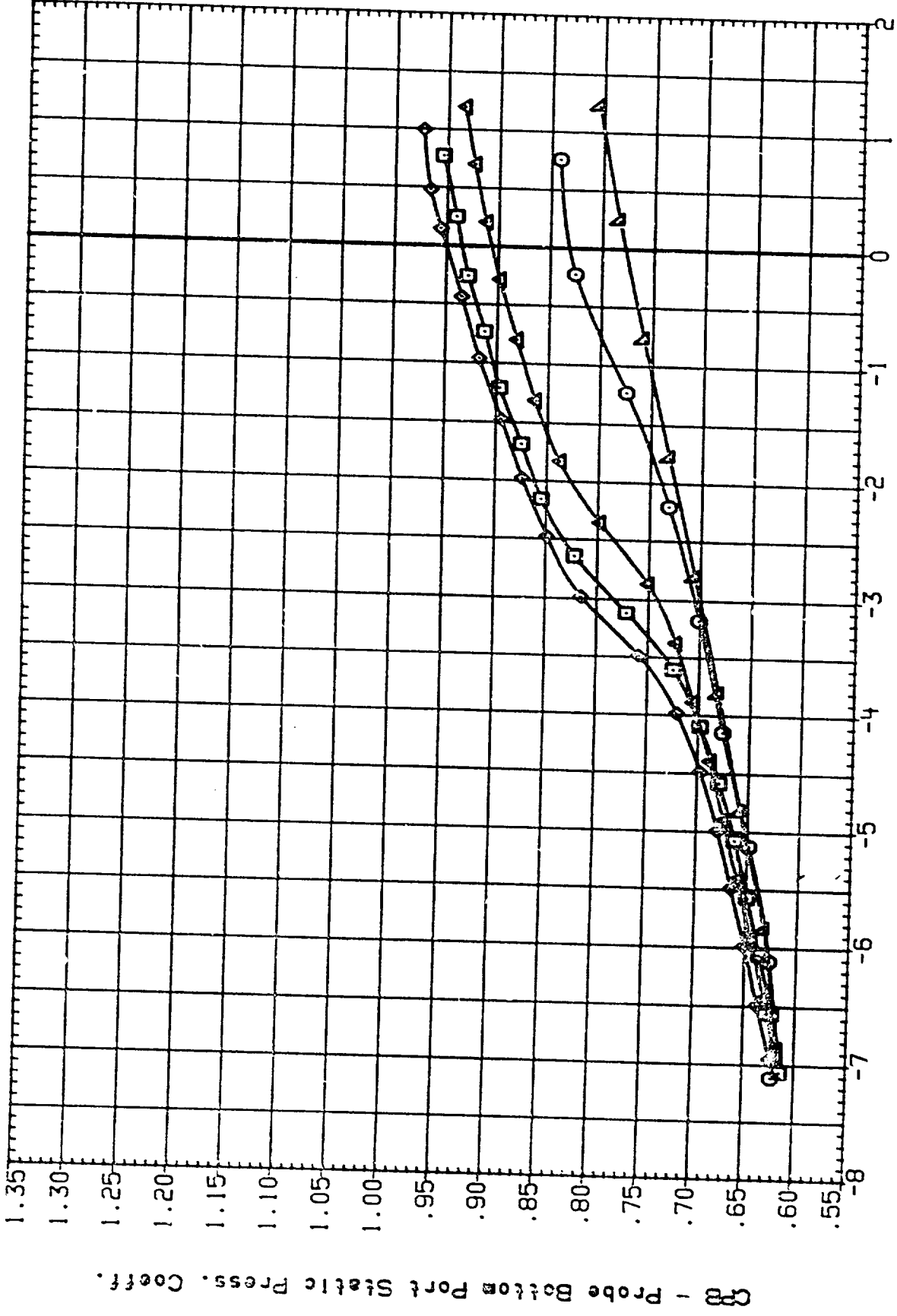


FIG. 1 AADS PROBE CALIBRATION - TEST SERIES 4

DATA SET SYMBOX

- SCH042 ○
- SCH045 □
- SCH049 ◇
- SCH053 ▲

CONFIGURATION

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

- BETA PH1
- 4.000 180.000
 - 2.000 160.000
 - .000 180.000
 - 2.000 160.000
 - 4.000 180.000

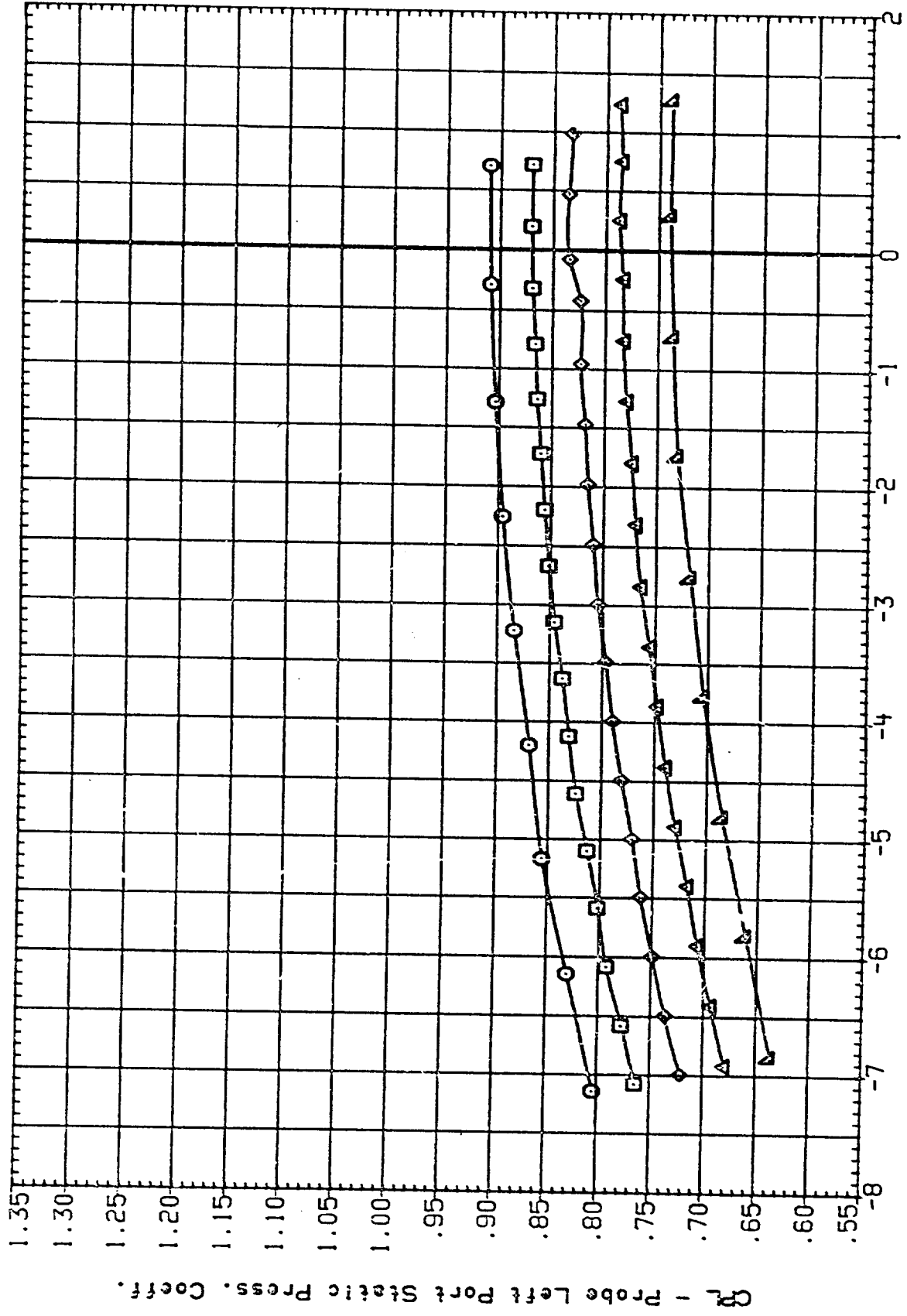


FIG. 1 AADS PROBE CALIBRATION - TEST SERIES 4

(A) MACH = .60

DATE 22 OCT 91

DATA SET SYMBOL

- SCH042
- SCH045
- SCH049
- SCH033
- SCH036

CONFIGURATION

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

ZETA

- 4.000
- 2.000
- 2.000
- 4.000

PHI

- 180.000
- 180.000
- 180.000
- 180.000

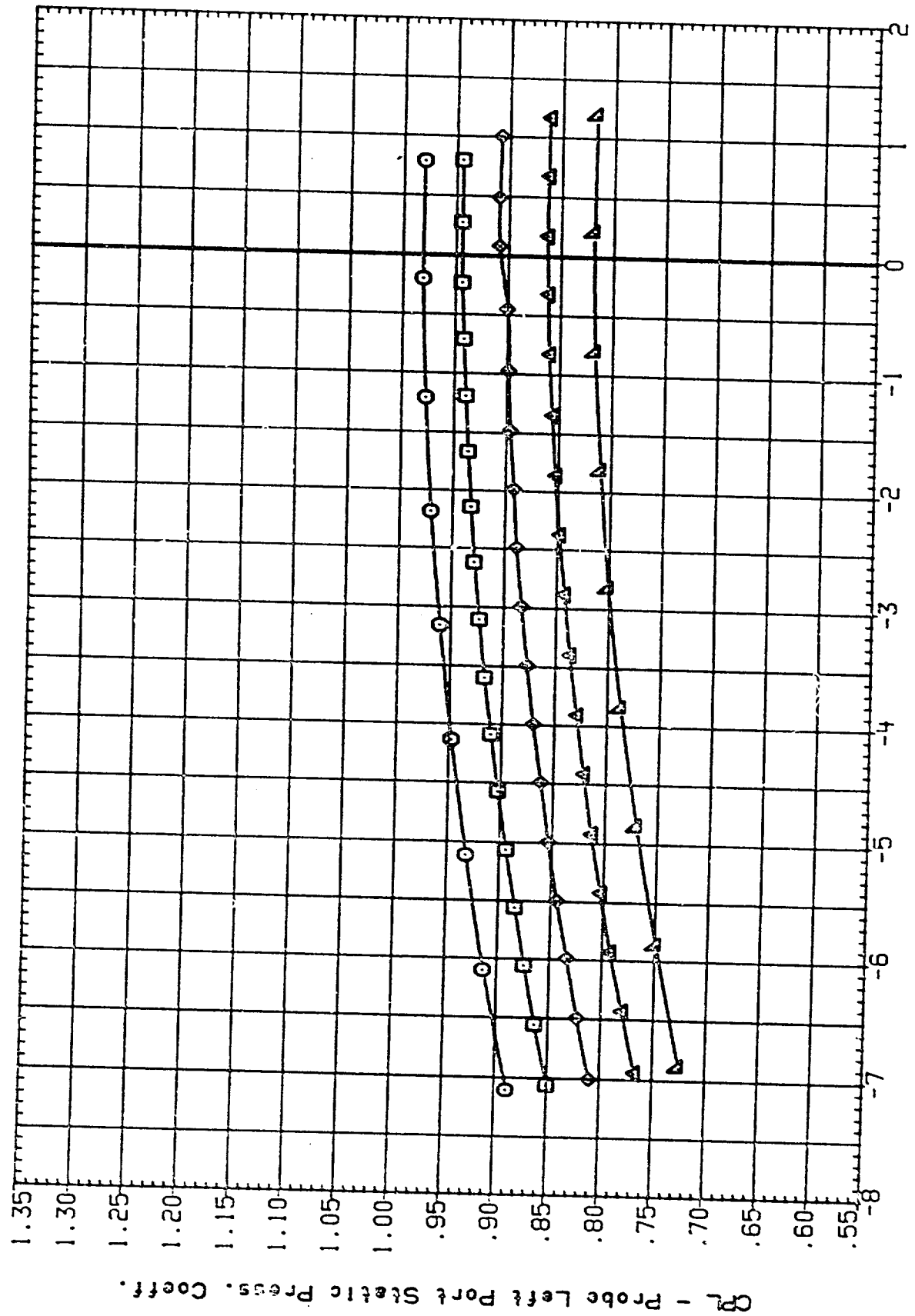


FIG. 1 AADS PROBE CALIBRATION - TEST SERIES 4

DATA SET SYMBOL

- SCH042
- SCH045
- SCH1549
- SCH033
- SCH055

CONFIGURATION

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

BETA PHI

- 4.000 180.000
- 2.000 180.000
- .000 180.000
- 2.000 180.000
- 4.000 180.000

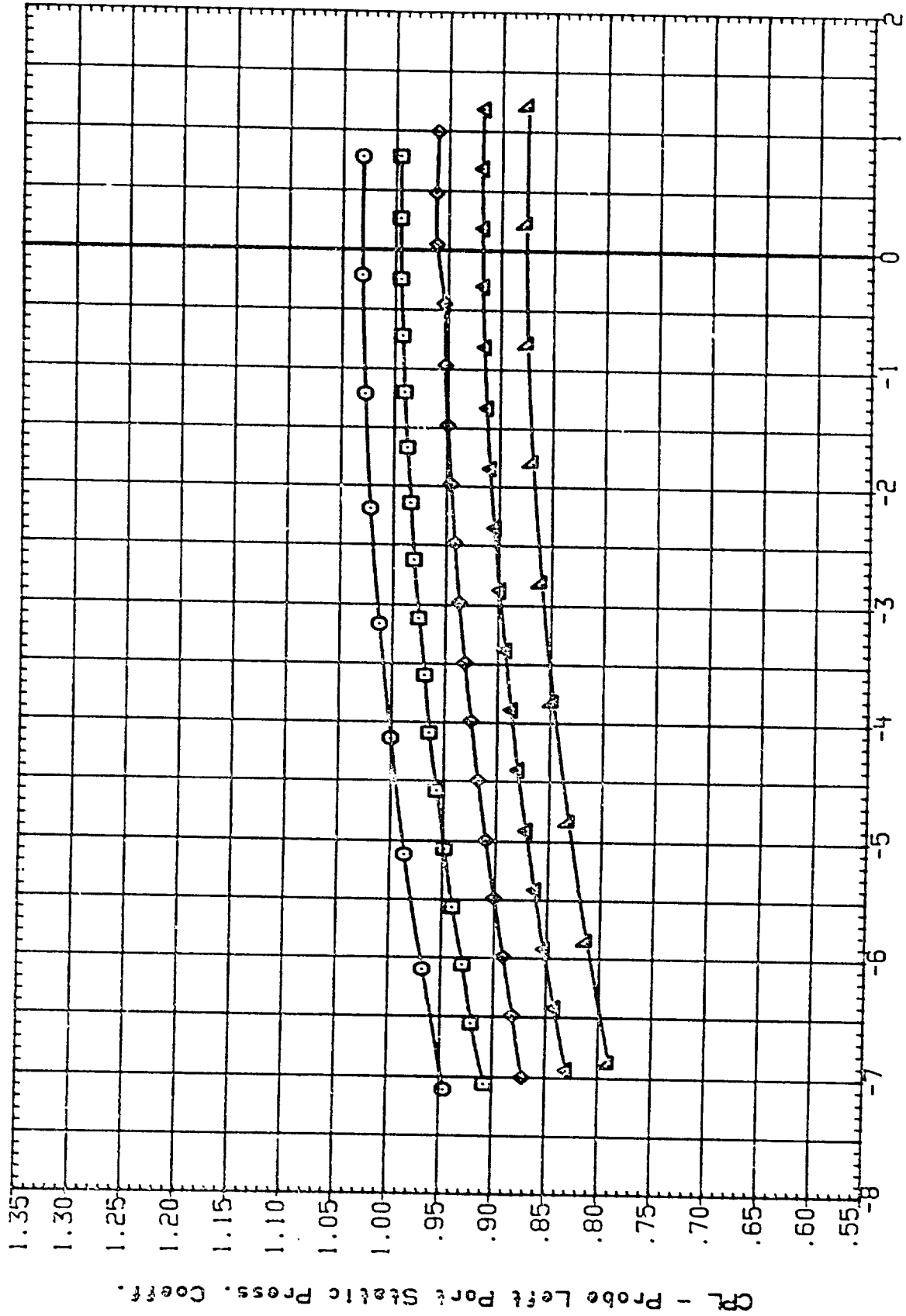


FIG. 1 AADS PROBE CALIBRATION - TEST SERIES 4

DATA SET SYMBOL

- SCI:042
- ◇ SCI:045
- △ SCI:049
- SCI:033
- ◇ SCI:036

CONFIGURATION
 IA310 (AEDC 16TF-783) PROBE CALIBRATION
 IA310 (AEDC 16TF-783) PROBE CALIBRATION
 IA310 (AEDC 16TF-783) PROBE CALIBRATION
 IA310 (AEDC 16TF-783) PROBE CALIBRATION
 IA310 (AEDC 16TF-783) PROBE CALIBRATION

BETA PHI
 -4.000 180.000
 -2.000 180.000
 .000 180.000
 2.000 180.000
 4.000 180.000

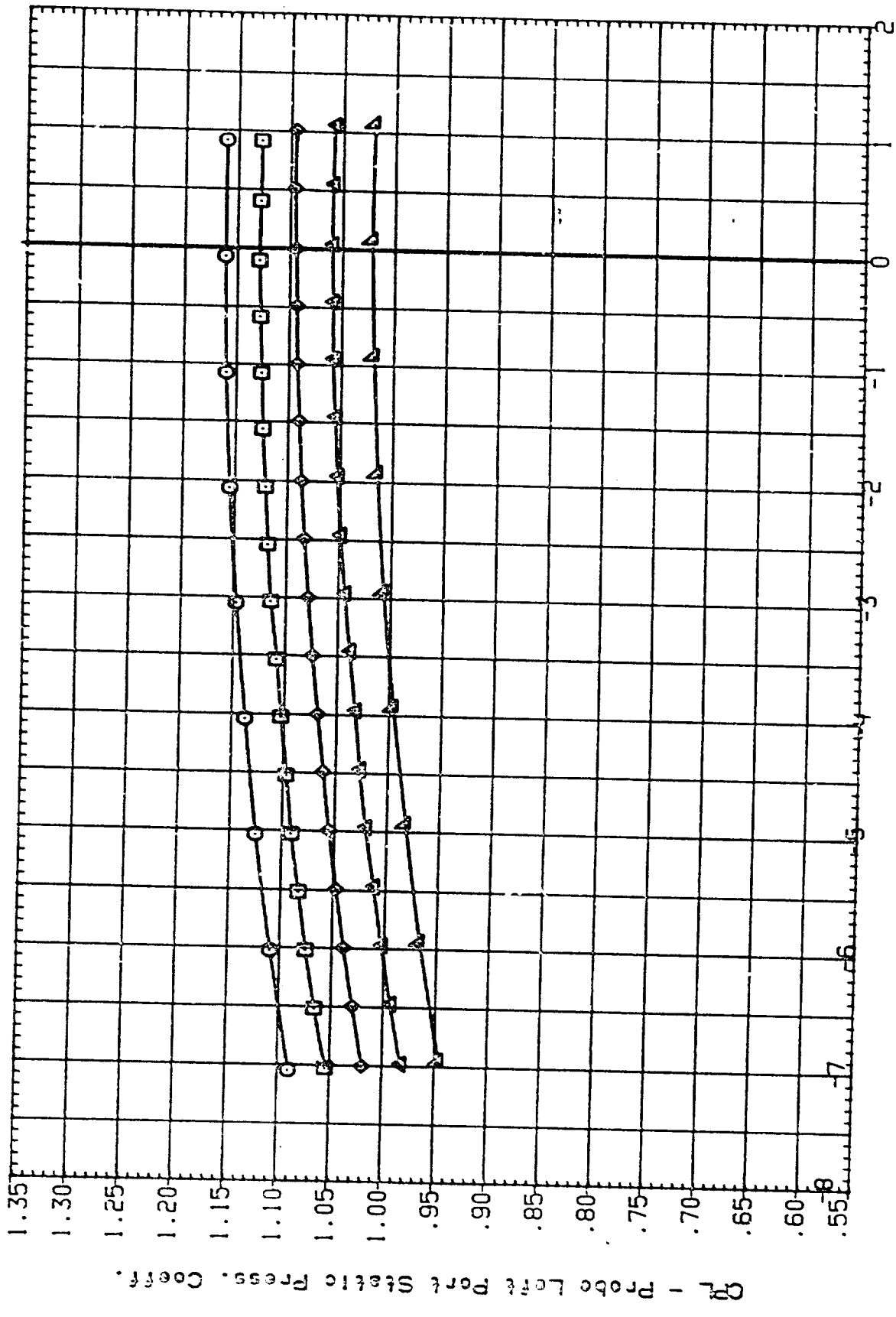


FIG. 1 AADS PROBE CALIBRATION - TEST SERIES 4

(D) MARCH = 1.10

DATE 22 OCT 91

DATA SET SYMBOL

- SCH012 ○
- SCH015 □
- SCH019 ◇
- SCH053 △
- SCH058 △

CONFIGURATION

- IA310 (AEDC 181F-783) PROBE CALIBRATION
- IA310 (AEDC 181F-783) PROBE CALIBRATION
- IA310 (AEDC 181F-783) PROBE CALIBRATION
- IA310 (AEDC 181F-783) PROBE CALIBRATION
- IA310 (AEDC 181F-783) PROBE CALIBRATION

BETA

- 4.000
- 2.000
- .000
- 2.000
- 4.000

PHI

- 180.000
- 180.000
- 180.000
- 180.000
- 180.000

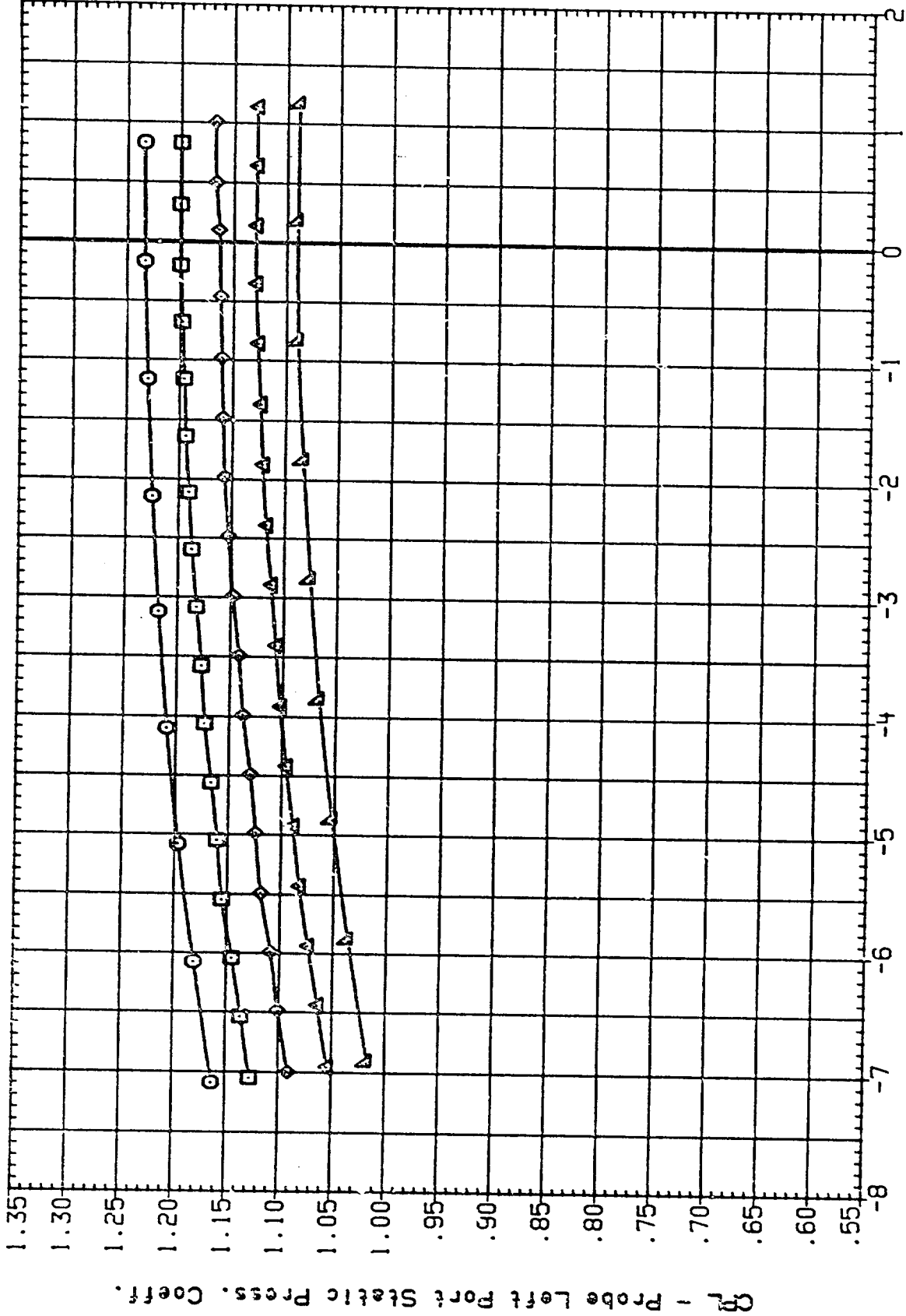


FIG. 1 AADS PROBE CALIBRATION - TEST SERIES 4

DATA SET SYMBOL

- SCH1042
- SCH1045
- SCH1049
- SCH1053
- SCH1055

CONFIGURATION

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

BETA

- 4.000
- 2.000
- .000
- 2.000
- 4.000

PHI

- 180.000
- 180.000
- 180.000
- 180.000

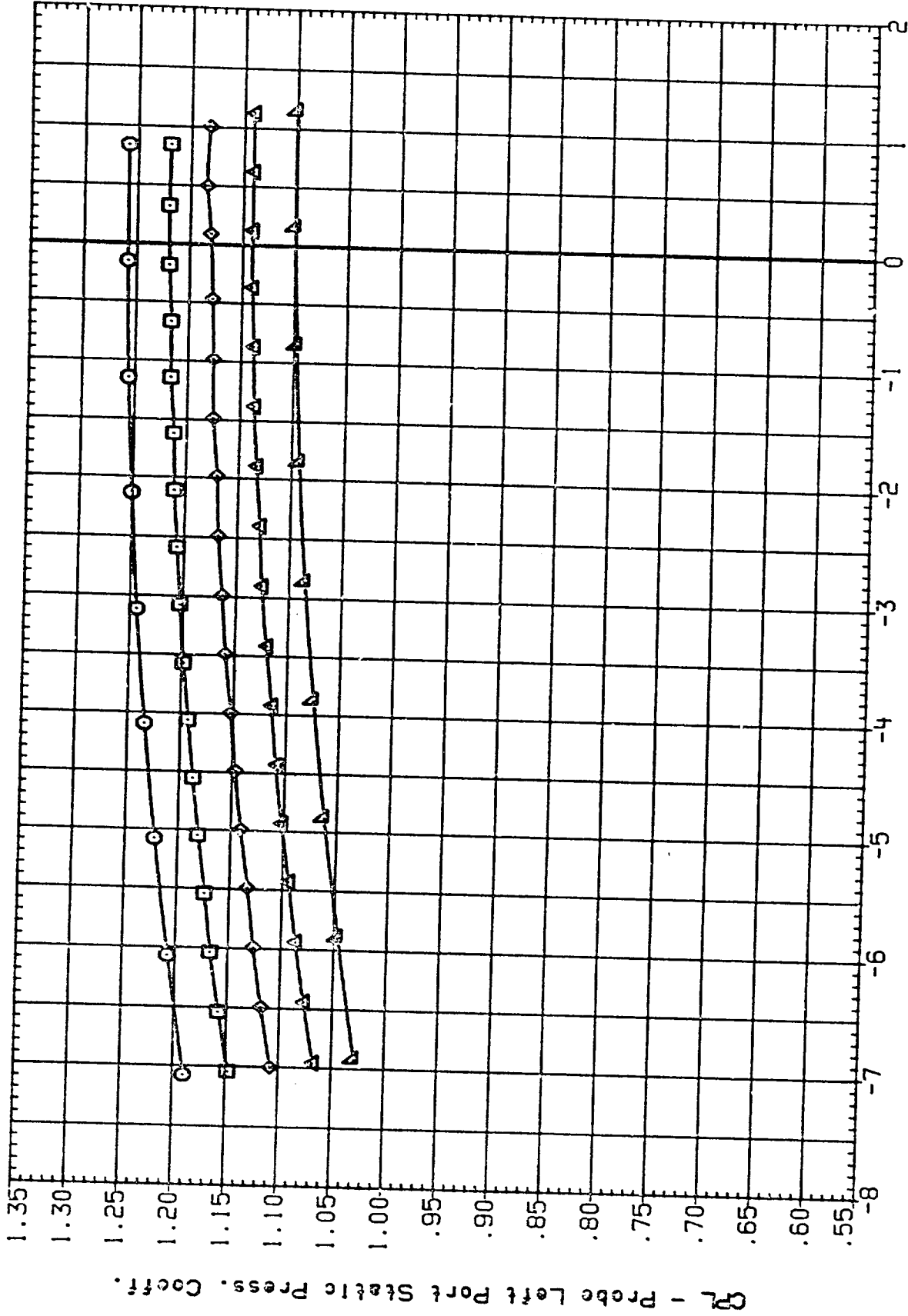


FIG. 1 AADS PROBE CALIBRATION - TEST SERIES 4

(R) ACH = 1.40

DATE 22 OCT 91

DATA SET SYMBOL
 SC1042
 SC1045
 SC1049
 SC1053
 SC1056

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

BETA PHI
 -4.000 180.000
 -2.000 180.000
 .000 180.000
 2.000 180.000
 4.000 180.000

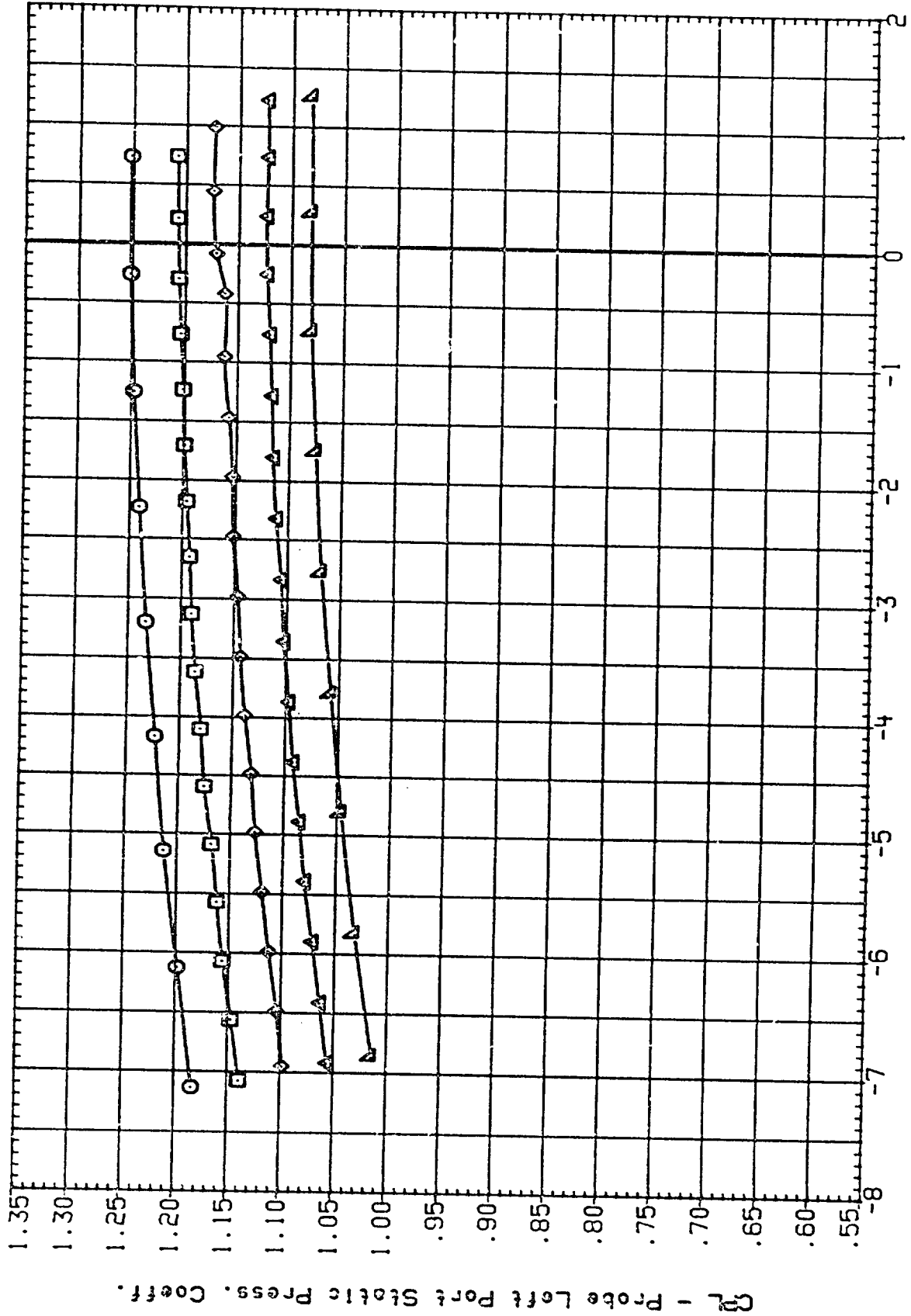


FIG. 1 AADS PROBE CALIBRATION - TEST SERIES 4

DATA SET SYMBOL

- SC1012 ○
- SC1045 ◇
- SC1549 □
- SC1033 △
- SC1058 ▲

CONFIGURATION

- IA310 (AEDC 161F-783) PROBE CALIBRATION
- IA310 (AEDC 161F-783) PROBE CALIBRATION
- IA310 (AEDC 161F-783) PROBE CALIBRATION
- IA310 (AEDC 161F-783) PROBE CALIBRATION
- IA310 (AEDC 161F-783) PROBE CALIBRATION

BETA PHI

- 4.000 180.000
- 2.000 180.000
- .000 180.000
- 2.000 180.000
- 4.000 180.000

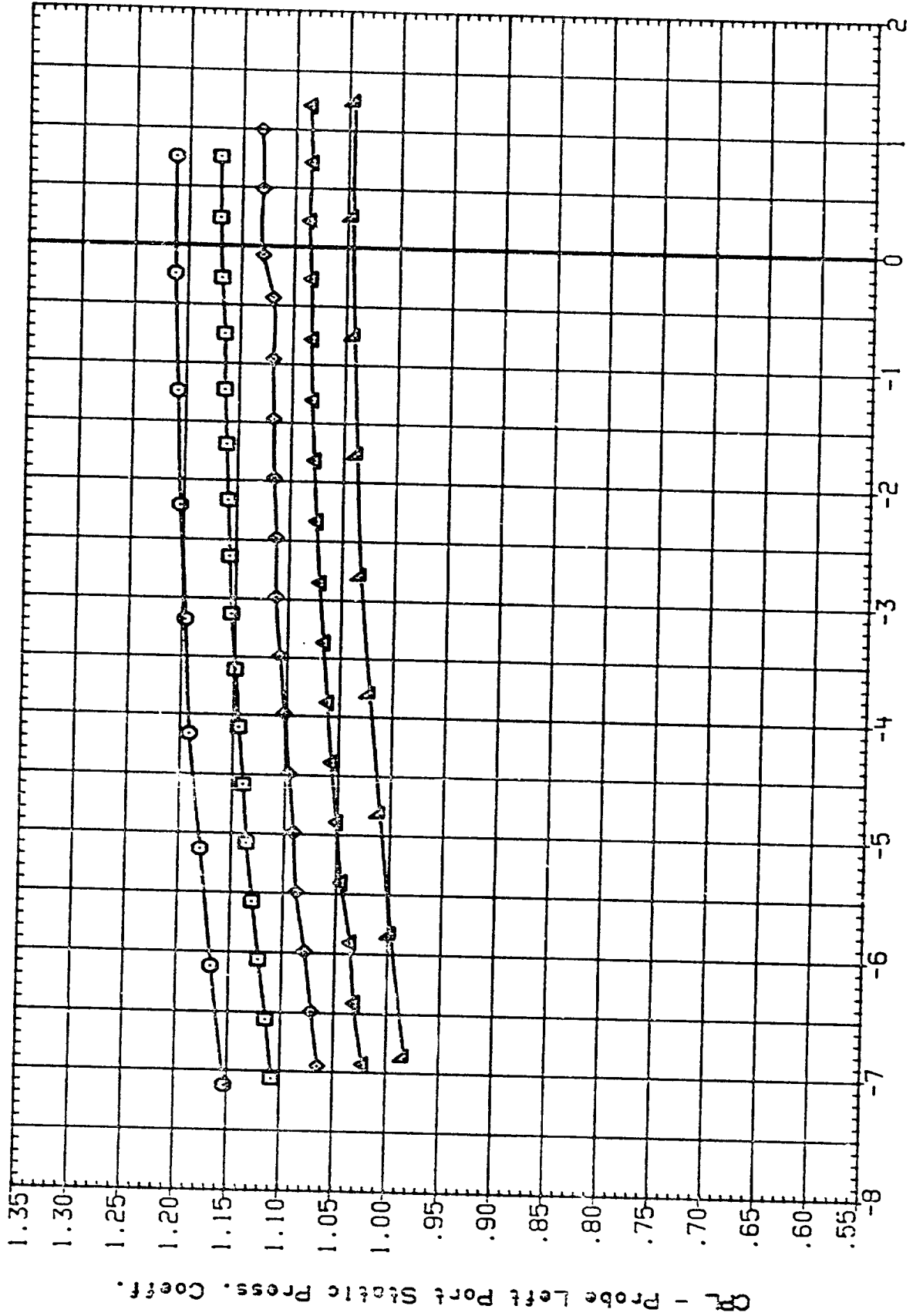


FIG. 1 AADS PROBE CALIBRATION - TEST SERIES 4

DATA SET SYMBOL	CONFIGURATION	BETA	PHI
SCH042	IA310 (AEDC 16TF-783) PROGE CALIBRATION	-4.000	180.000
SCH045	IA310 (AEDC 16TF-783) PROGE CALIBRATION	-2.000	180.000
SCH049	IA310 (AEDC 16TF-783) PROGE CALIBRATION	.000	180.000
SCH033	IA310 (AEDC 16TF-783) PROGE CALIBRATION	2.000	180.000
SCH058	IA310 (AEDC 16TF-783) PROGE CALIBRATION	4.000	180.000

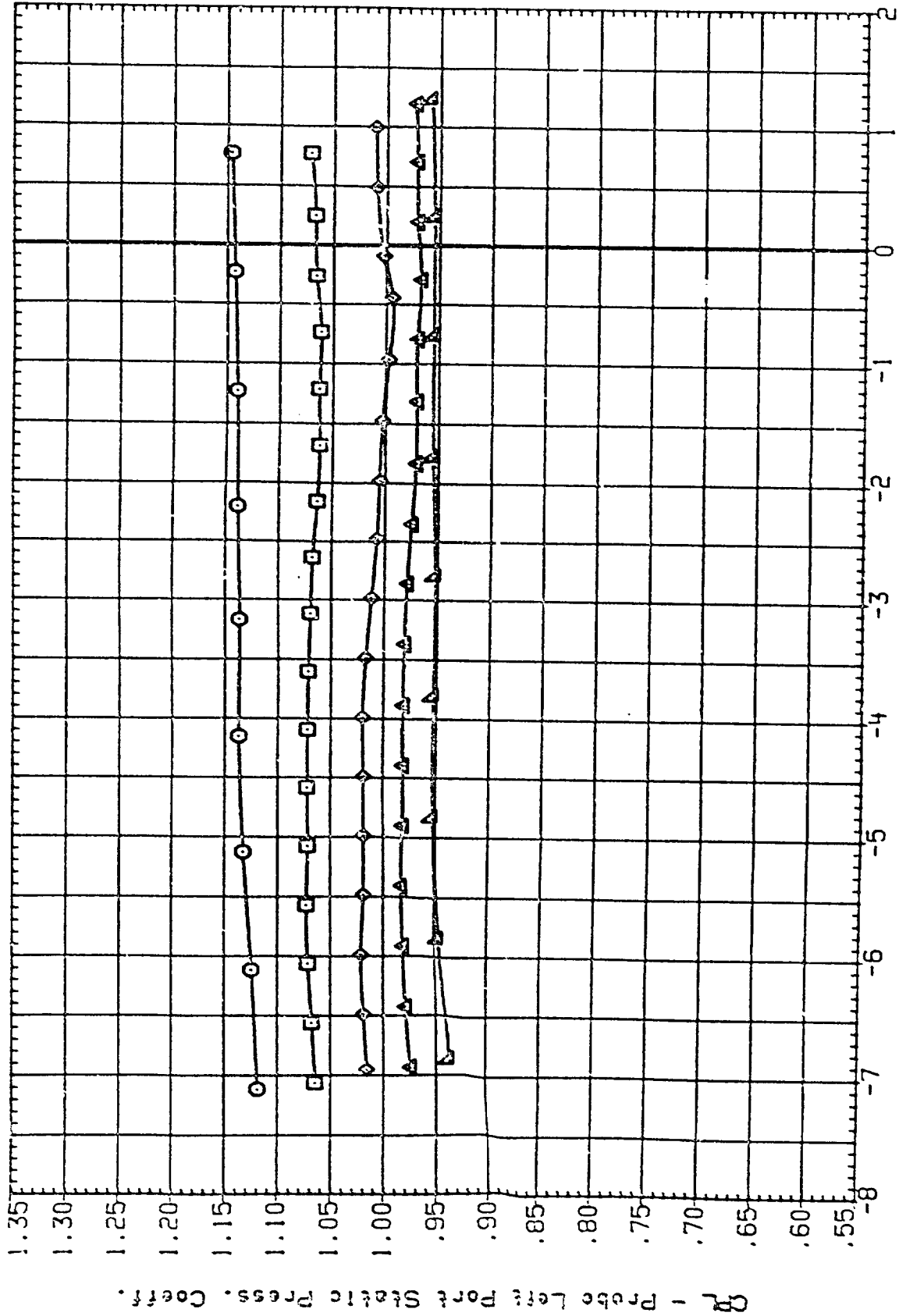


FIG. 1 AADS PROBE CALIBRATION - TEST SERIES 4

DATA SET SYMBOL

- SC1012
- SC1015
- SC1019
- SC1033
- SC1058

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

BETA PHI
 -4.000 180.000
 -2.000 180.000
 2.000 180.000
 4.000 180.000

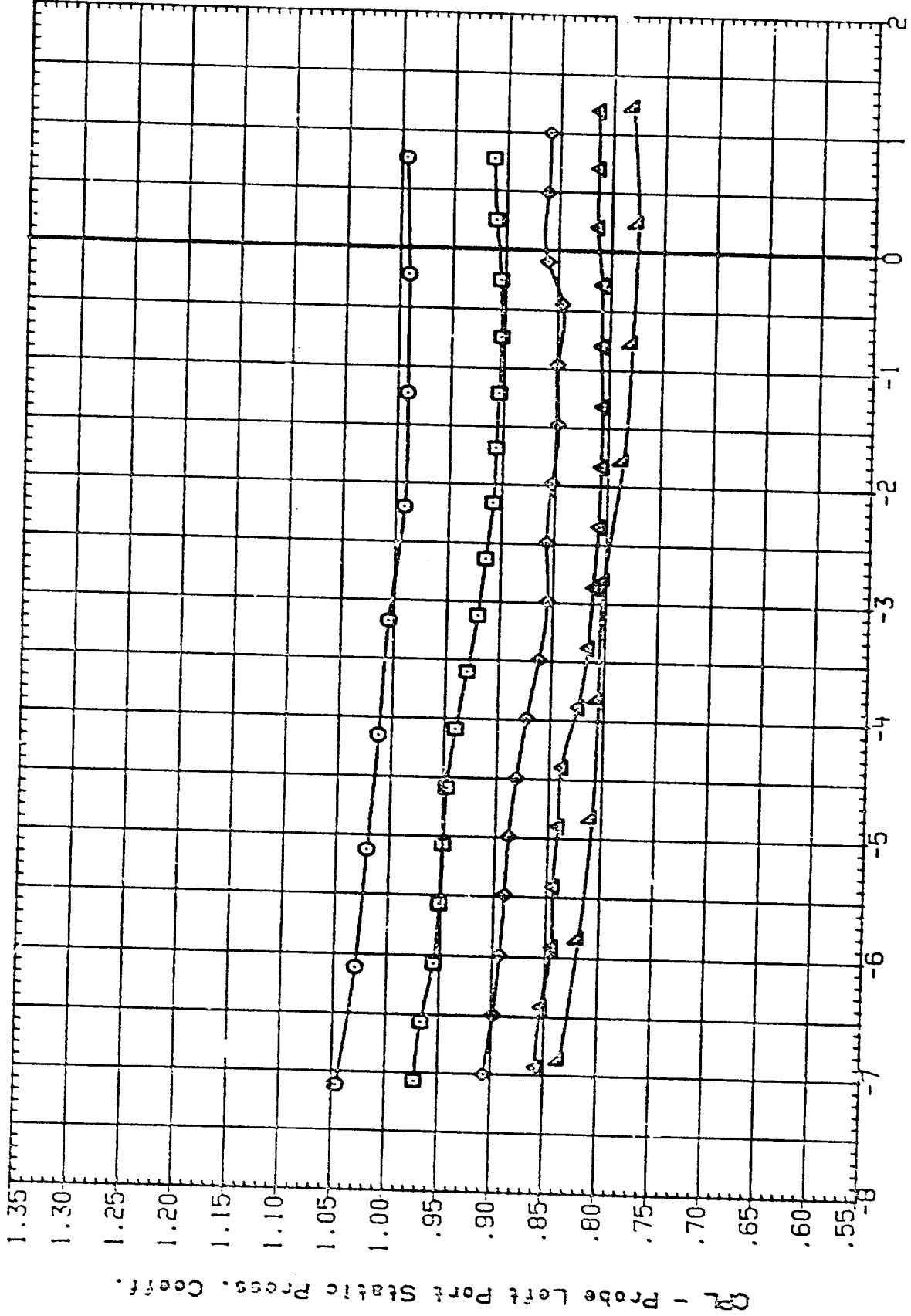


FIG. 1 AADS PROBE CALIBRATION - TEST SERIES 4

DATA SET SYMBOL	CONFIGURATION	PETA	PHI
SC1042	IA310 (AEDC 161F-783) PROBE CALIBRATION	-4.000	180.000
SC1045	IA310 (AEDC 161F-783) PROBE CALIBRATION	-2.000	180.000
SC1049	IA310 (AEDC 161F-783) PROBE CALIBRATION	.000	180.000
SC1053	IA310 (AEDC 161F-783) PROBE CALIBRATION	2.000	180.000
SC1056	IA310 (AEDC 161F-783) PROBE CALIBRATION	4.000	180.000

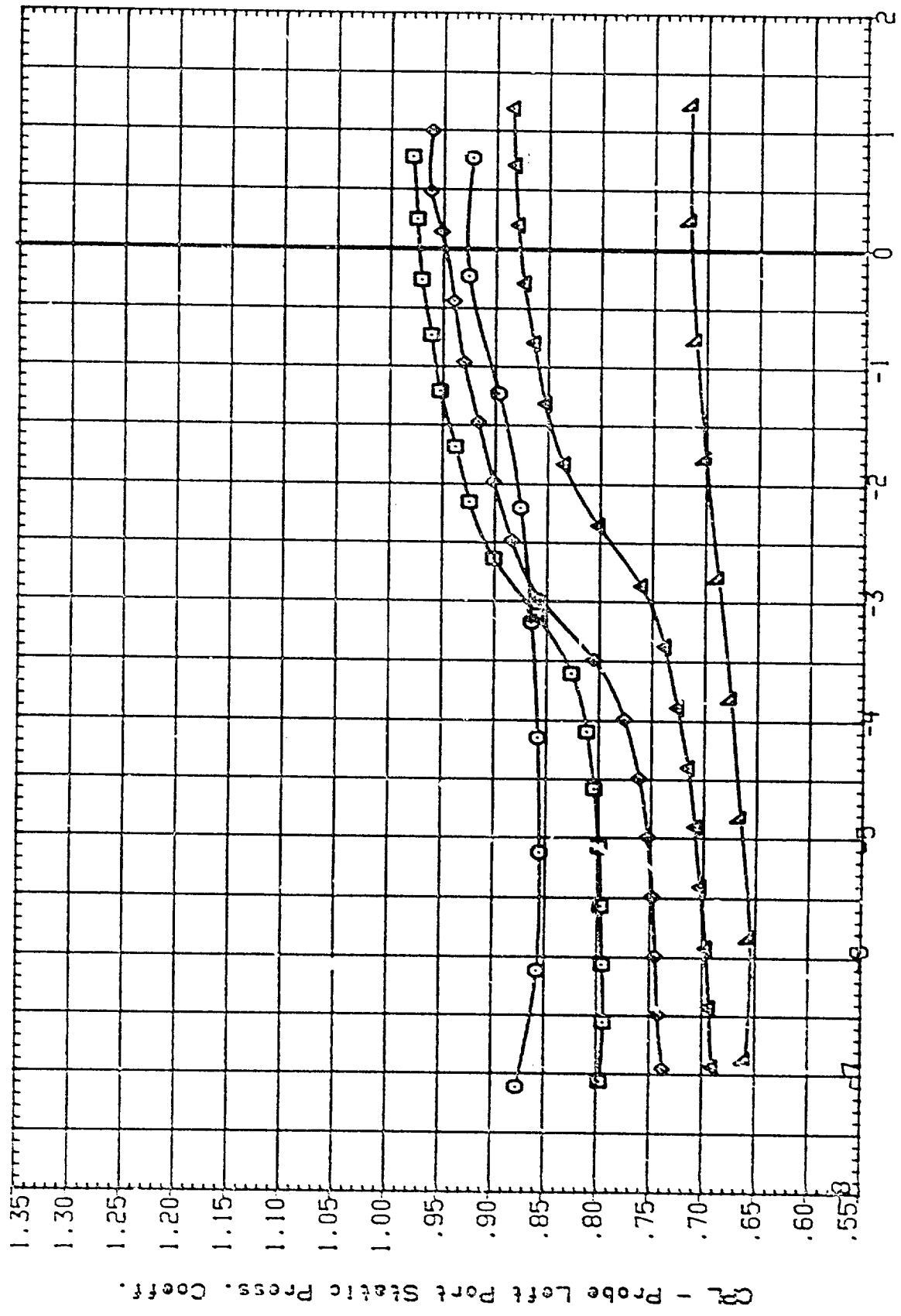


FIG. 1 AADS PROBE CALIBRATION - TEST SERIES 4

DATA SET SYMBO

- SCH042
- SCH045
- SCH049
- SCH053
- SCH055

CONFIGURATION

- IA310 (AEDC 161F-783) PROBE CALIBRATION
- IA310 (AEDC 161F-703) PROBE CALIBRATION
- IA310 (AEDC 161F-783) PROBE CALIBRATION
- IA310 (AEDC 161F-783) PROBE CALIBRATION
- IA310 (AEDC 161F-783) PROBE CALIBRATION

BETA PHI

- 4.000 180.000
- 2.000 180.000
- .000 180.000
- 2.000 180.000
- 4.000 180.000

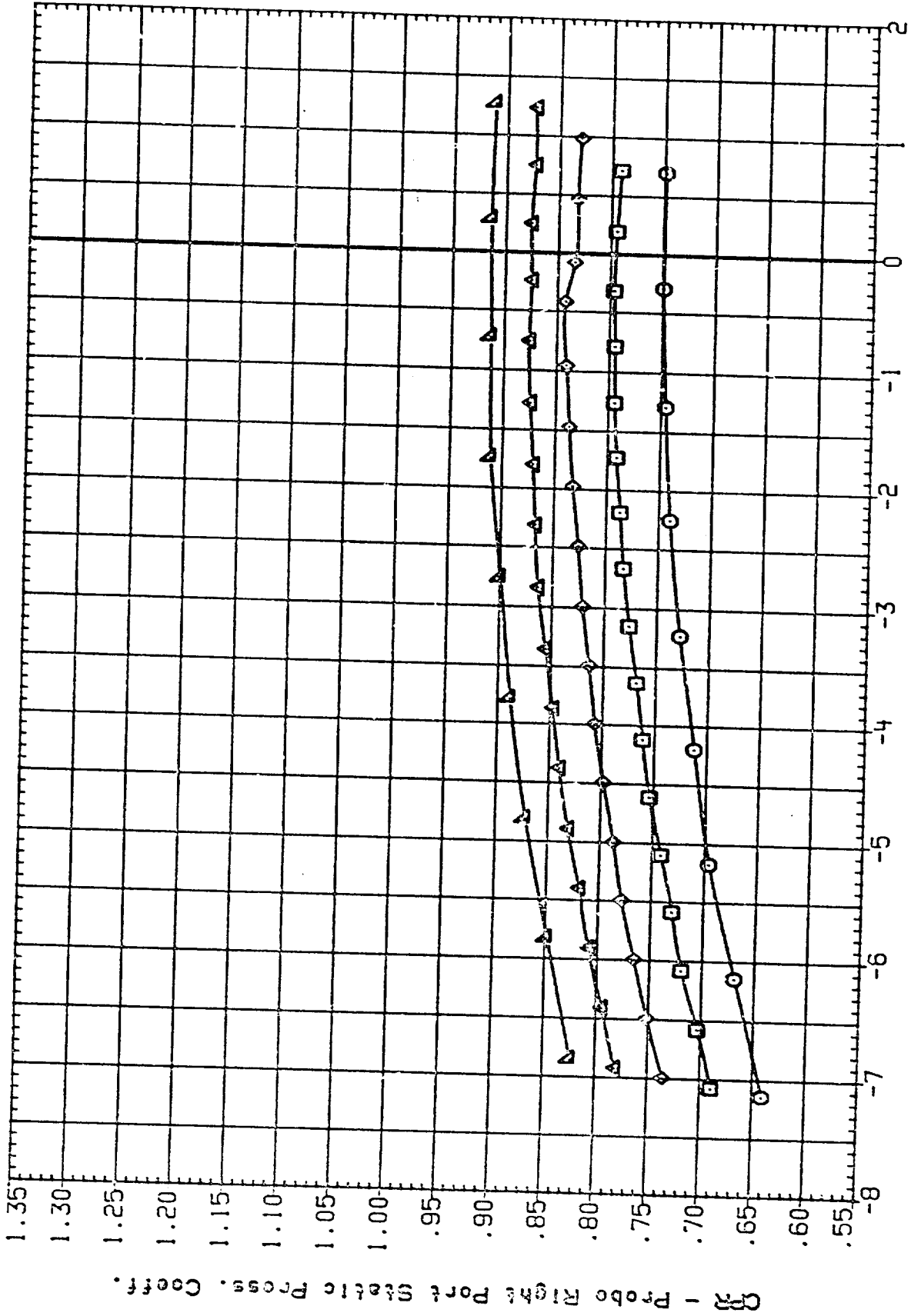


FIG. 1 AADS PROBE CALIBRATION - TEST SERIES 4

DATA SET SY:20L

- SC1042
- SC1045
- SC1049
- SC1053
- SC1055

CONFIGURATION

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

BETA PHI

- 4.000 180.000
- 2.000 180.000
- .000 180.000
- 2.000 180.000
- 4.000 180.000

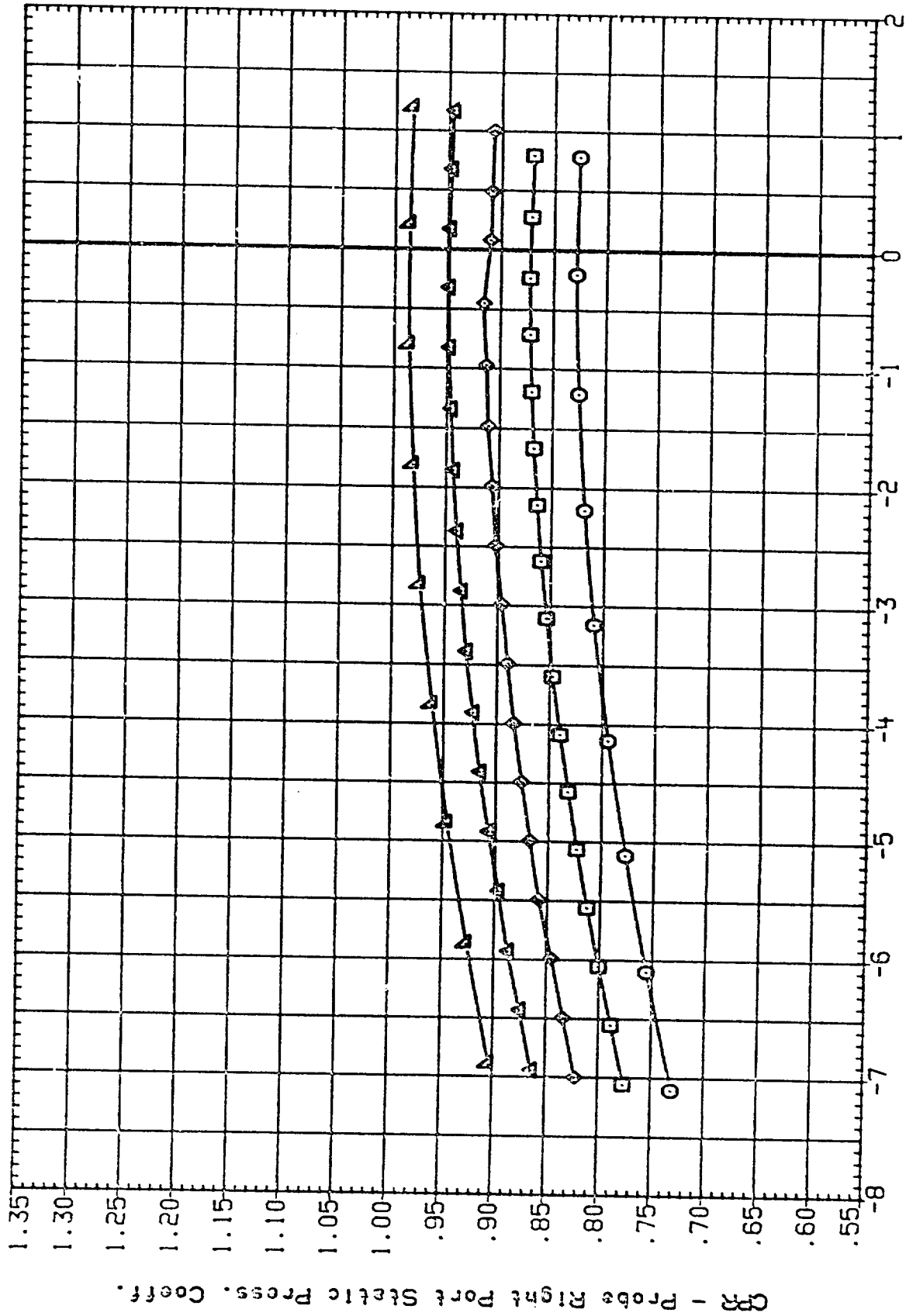


FIG. 1 AADS PROBE CALIBRATION - TEST SERIES 4

DATA SET SYMBOL

- SC1082
- SC1085
- SC1089
- SC1093
- SC1078

CONFIGURATION

- IA310 (AEDC 18TF-783) PROBE CALIBRATION
- IA310 (AEDC 18TF-783) PROBE CALIBRATION
- IA310 (AEDC 18TF-783) PROBE CALIBRATION
- IA310 (AEDC 18TF-783) PROBE CALIBRATION
- IA310 (AEDC 18TF-783) PROBE CALIBRATION

- BETA PHI
- 4.000 180.000
- 2.000 180.000
- 2.000 180.000
- 4.000 180.000

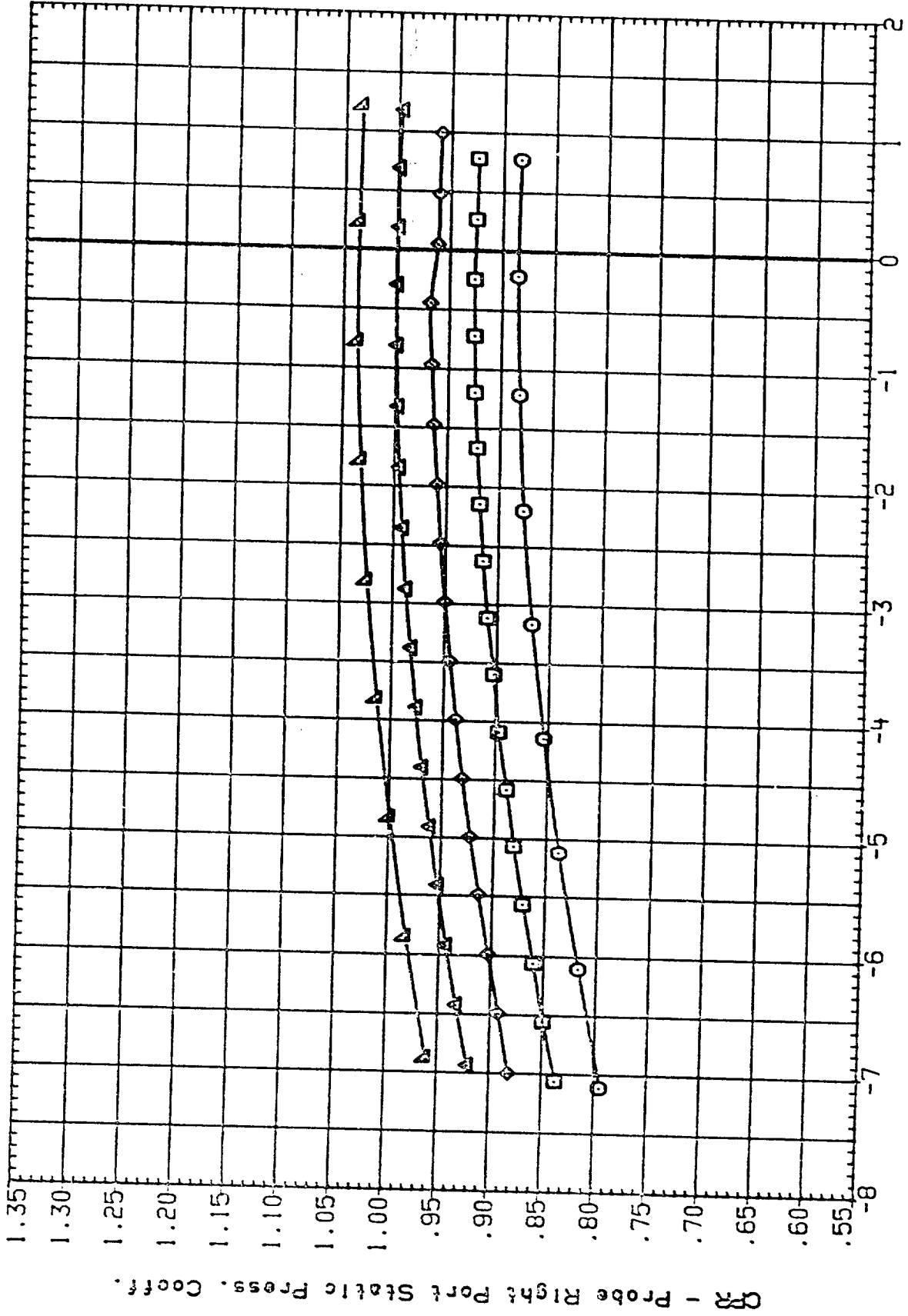


FIG. 1 AADS PROBE CALIBRATION - TEST SERIES 4

DATA SET SYMBOL

- 1A310 (AEDC 181F-783) PROBE CALIBRATION
- 1A310 (AEDC 181F-783) PROBE CALIBRATION
- ◇ 1A310 (AEDC 181F-783) PROBE CALIBRATION
- △ 1A310 (AEDC 181F-783) PROBE CALIBRATION

CONFIGURATION

- 1A310 (AEDC 181F-783) PROBE CALIBRATION
- 1A310 (AEDC 181F-783) PROBE CALIBRATION
- 1A310 (AEDC 181F-783) PROBE CALIBRATION
- 1A310 (AEDC 181F-783) PROBE CALIBRATION

- BETA -4.000 180.000
- 2.000 180.000
- .000 180.000
- 2.000 180.000
- 4.000 180.000

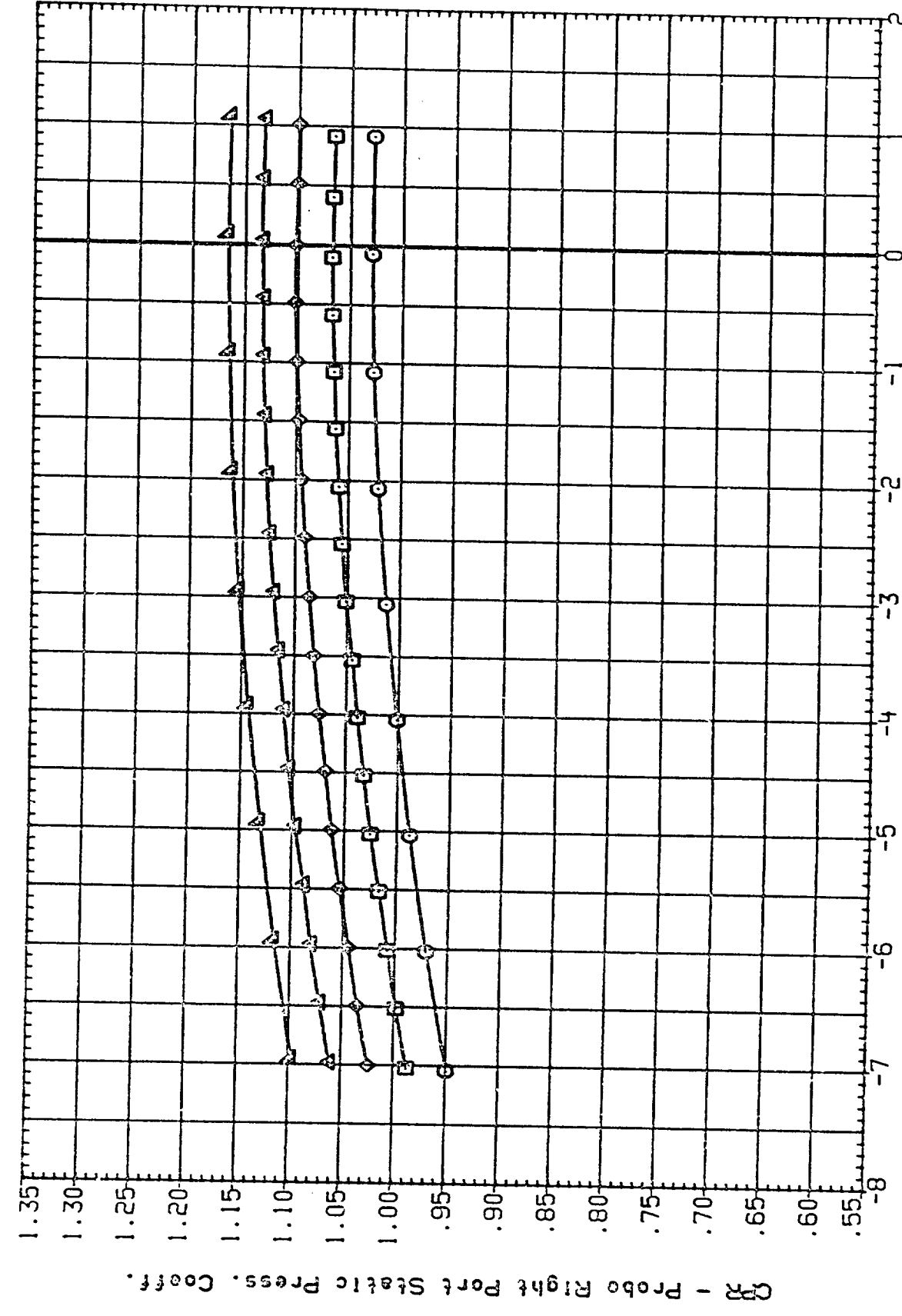


FIG. 1 AADS PROBE CALIBRATION - TEST SERIES 4

DATA SET SYMBOL
 SCH042 ○
 SCH045 ◇
 SCH049 △
 SCH053 □
 SCH056 ○

CONFIGURATION
 IA310 (AEDC 161F-783) PROBE CALIBRATION
 IA310 (AEDC 161F-783) PROBE CALIBRATION
 IA310 (AEDC 161F-783) PROBE CALIBRATION
 IA310 (AEDC 161F-783) PROBE CALIBRATION
 IA310 (AEDC 161F-783) PROBE CALIBRATION

BETA PHI
 -4.000 180.000
 -2.000 180.000
 .000 180.000
 2.000 180.000
 4.000 180.000

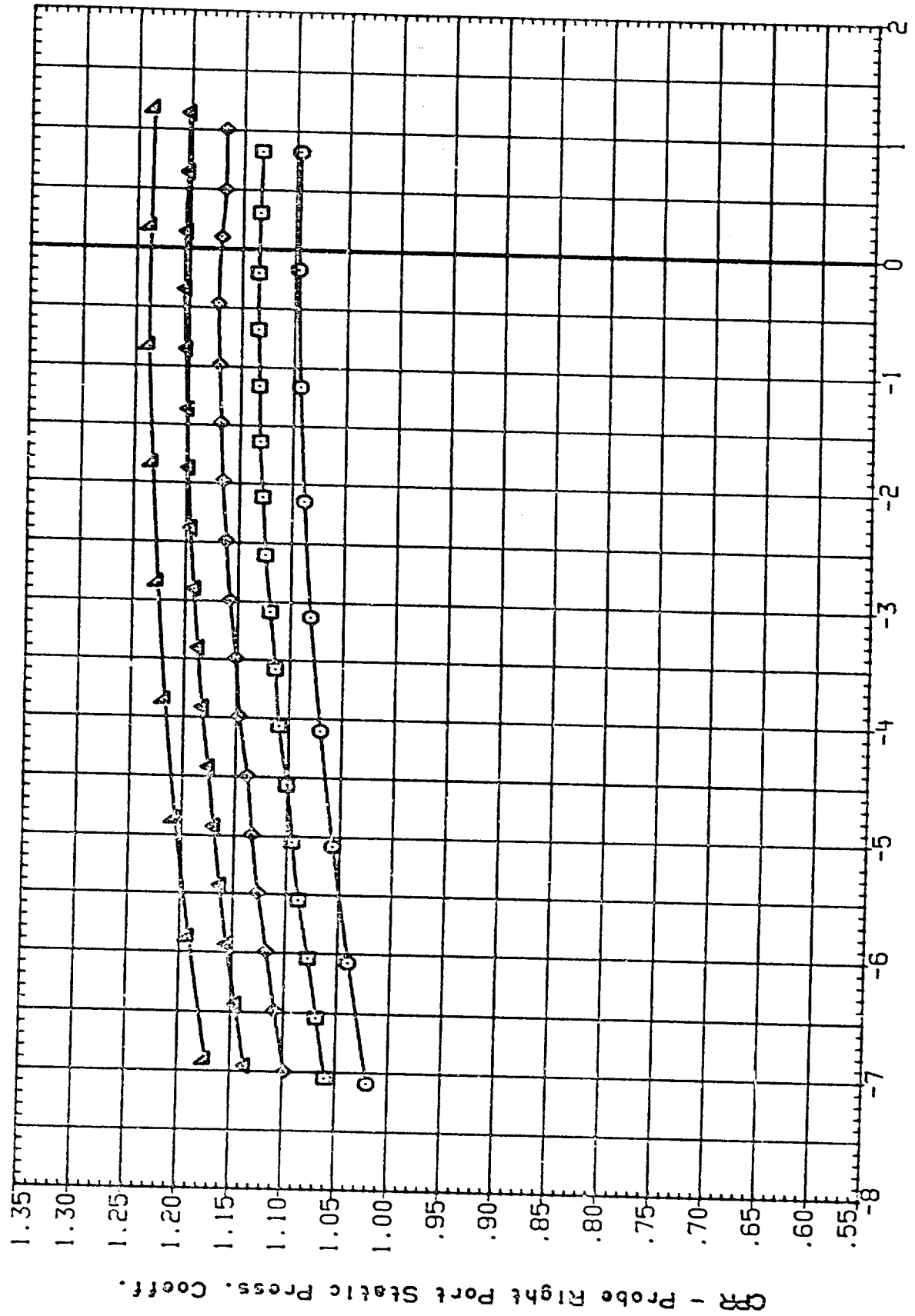


FIG. 1 AADS PROBE CALIBRATION - TEST SERIES 4

DATA SET SYMBOL

- SCH042
- SCH045
- SCH049
- SCH053
- SCH055

CONFIGURATION

- IA310 (AEDC 161F-783) PROBE CALIBRATION
- IA310 (AEDC 161F-783) PROBE CALIBRATION
- IA310 (AEDC 161F-783) PROBE CALIBRATION
- IA310 (AEDC 161F-783) PROBE CALIBRATION
- IA310 (AEDC 161F-783) PROBE CALIBRATION

EA:IA

- 4.000
- 2.000
- .000
- 2.000
- 4.000

PHI

- 180.000
- 180.000
- 180.000
- 180.000
- 180.000

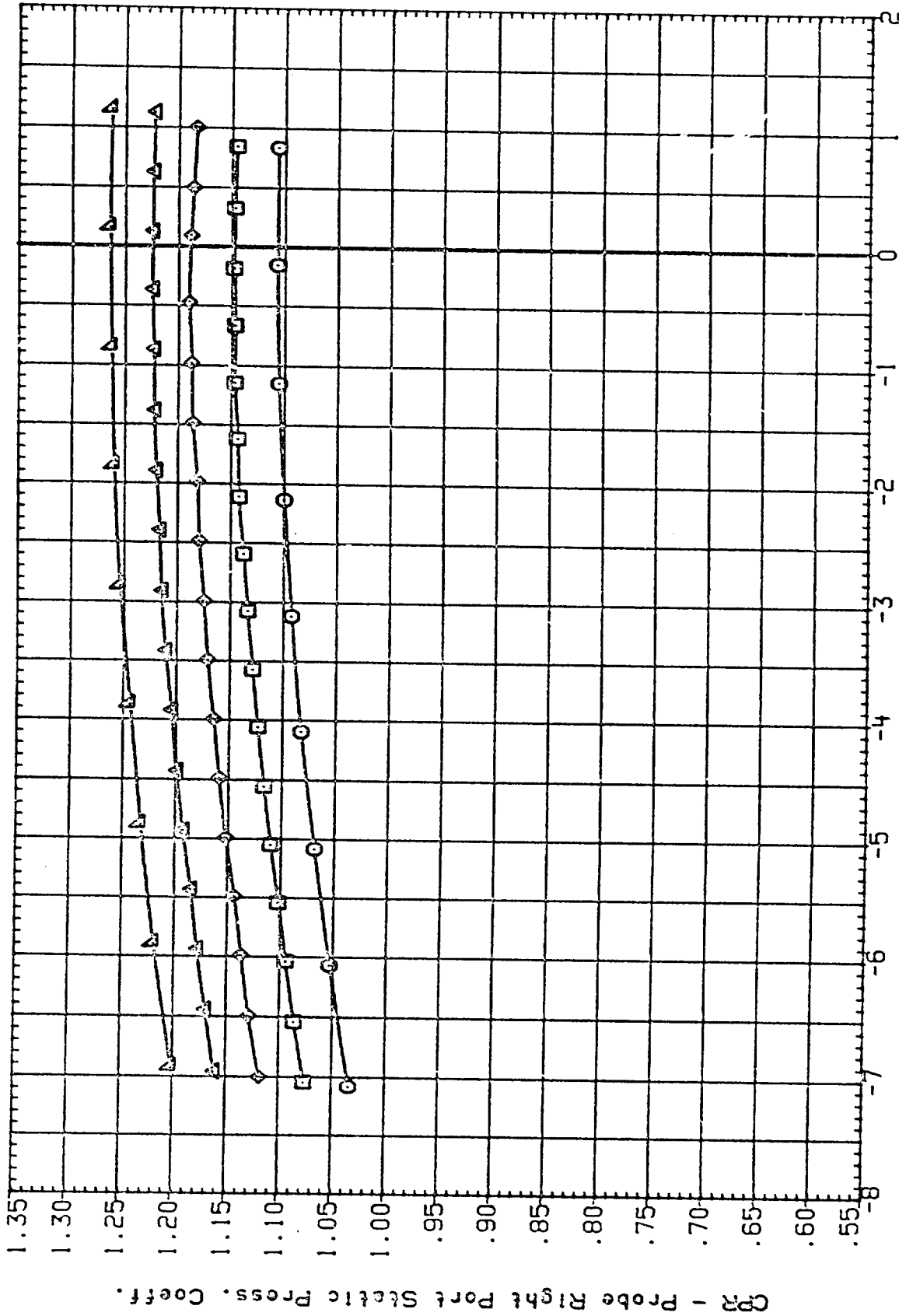


FIG. 1 AADS PROBE CALIBRATION - TEST SERIES 4

DATA SET SYMBOL

- SCH042
- SCH045
- ◇ SCH049
- △ SCH053
- △ SCH056

CONFIGURATION

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

BETA

- 4.000
- 2.000
- .000
- 2.000
- 4.000

PHI

- 180.000
- 180.000
- 180.000
- 180.000
- 180.000

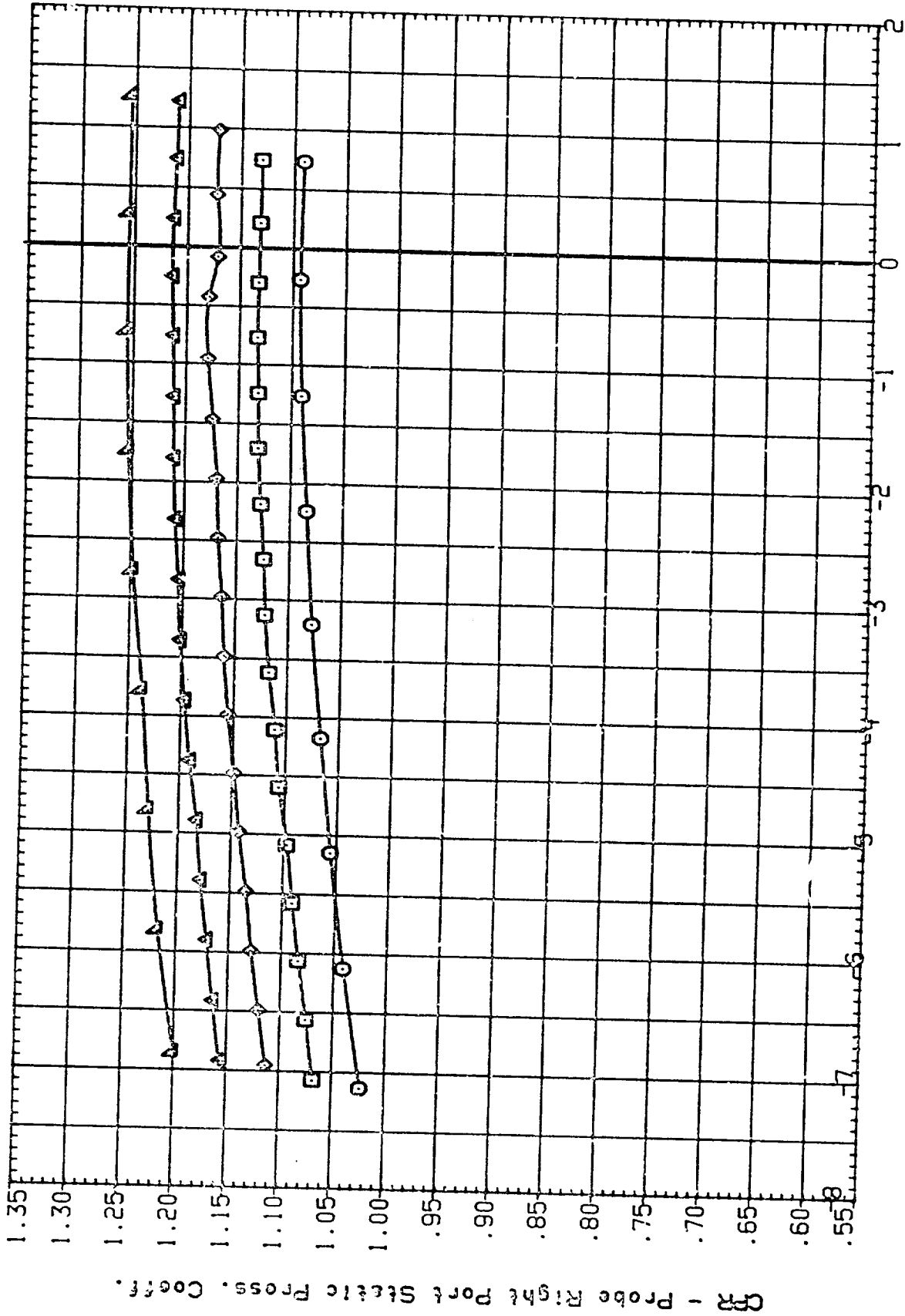


FIG. 1 AADS PROBE CALIBRATION - TEST SERIES 4

DATA SET SYMBOL

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

BETA PHI
 -4.000 180.000
 -2.000 180.000
 .000 180.000
 2.000 180.000
 4.000 180.000

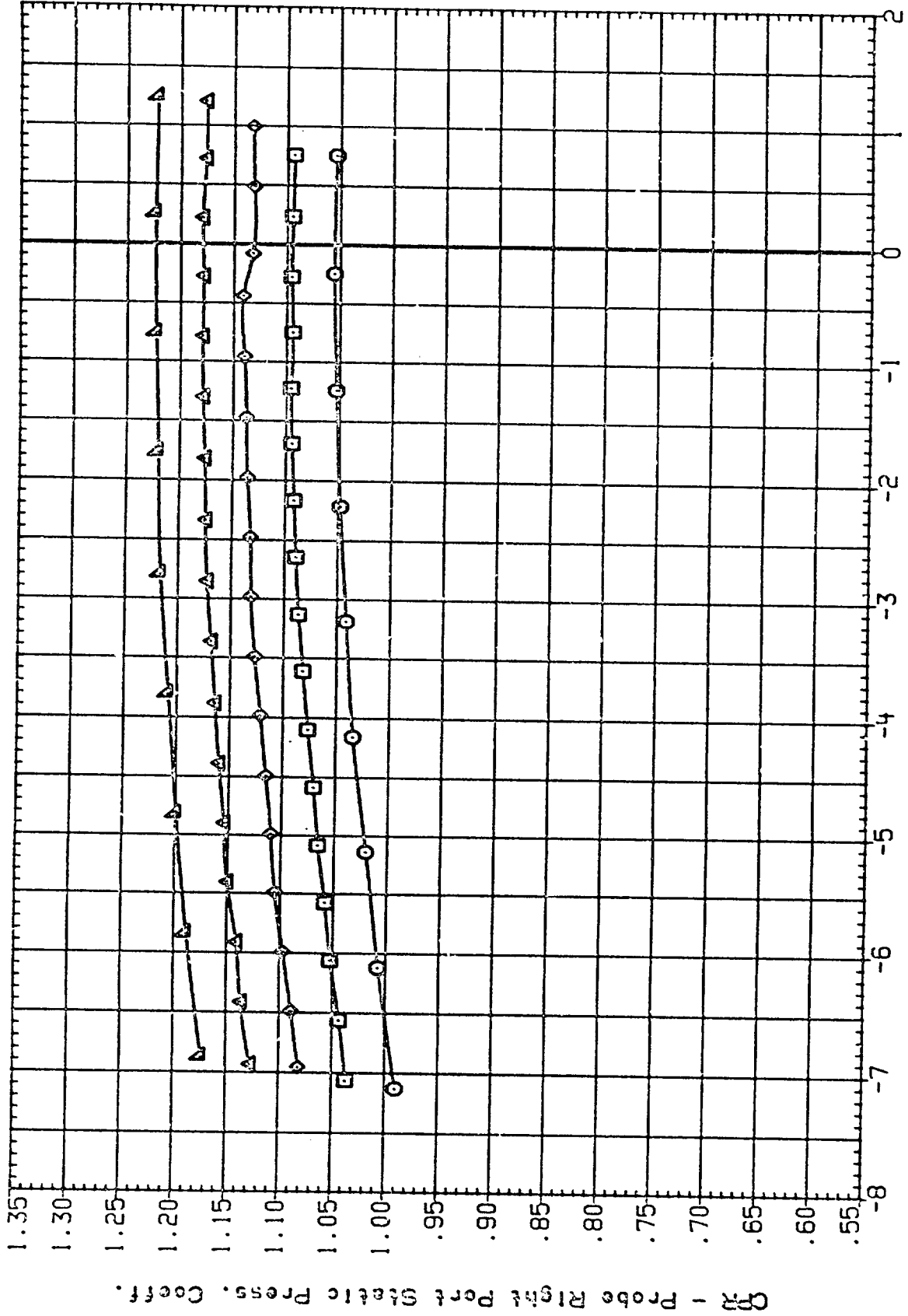


FIG. 1 AADS PROBE CALIBRATION - TEST SERIES 4

DATA SET SYMBOL

- SC1002
- SC1015
- SC1019
- SC1033
- SC1056

CONFIGURATION

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

- BETA PHI
- 4.000 180.000
- 2.000 180.000
- .000 180.000
- 2.000 180.000
- 4.000 180.000

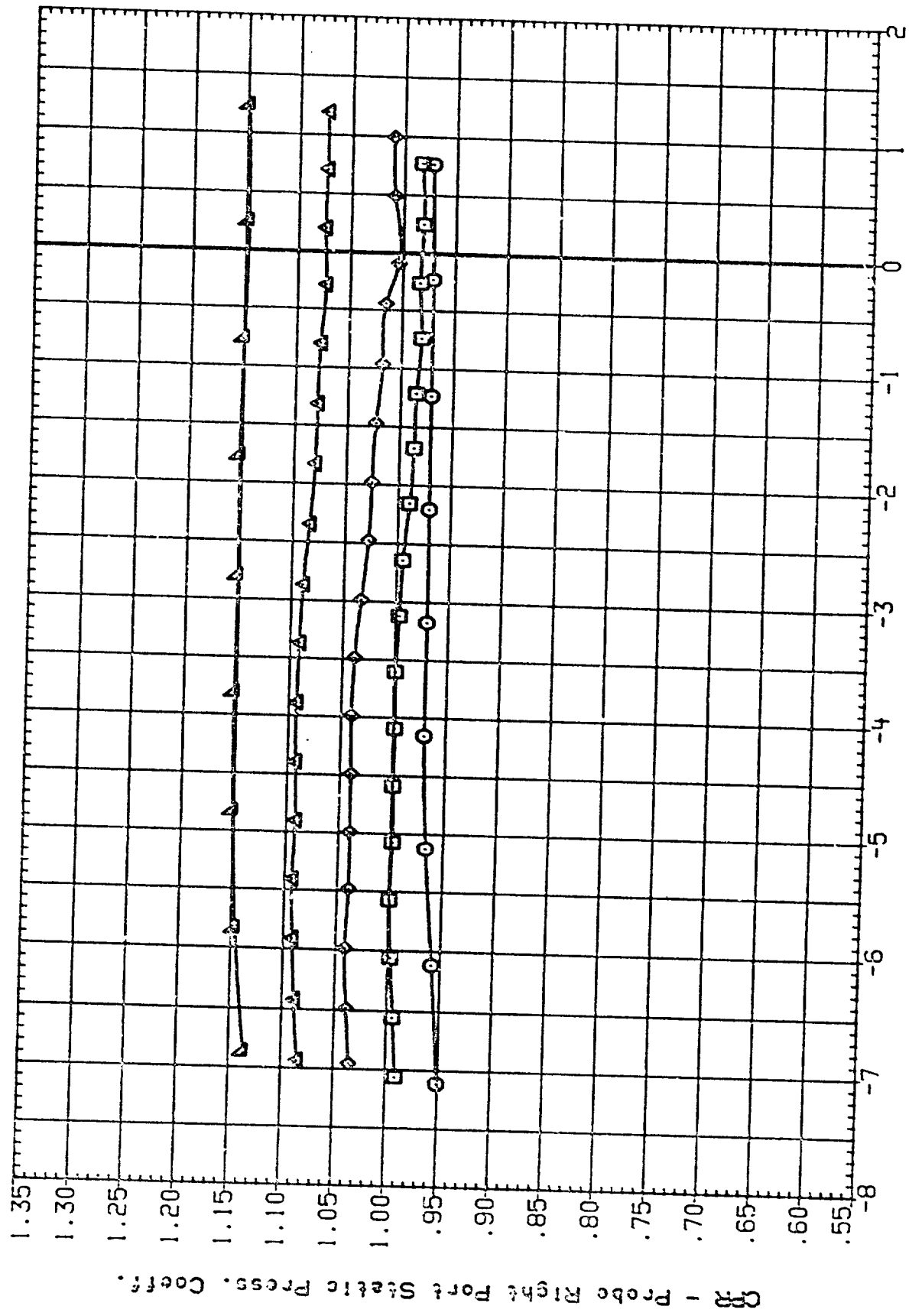


FIG. 1 AADS PROBE CALIBRATION - TEST SERIES 4

DATA SET SYMBOL

- SCH092
- SCH093
- SCH094
- SCH095
- SCH096

CONFIGURATION

- IA310 (AEDC 161F-783) PROBE CALIBRATION
- IA310 (AEDC 161F-783) PROBE CALIBRATION
- IA310 (AEDC 161F-783) PROBE CALIBRATION
- IA310 (AEDC 161F-783) PROBE CALIBRATION
- IA310 (AEDC 161F-783) PROBE CALIBRATION

- BETA PHI
- 4.000 180.000
- 2.000 180.000
- 2.000 180.000
- 4.000 180.000

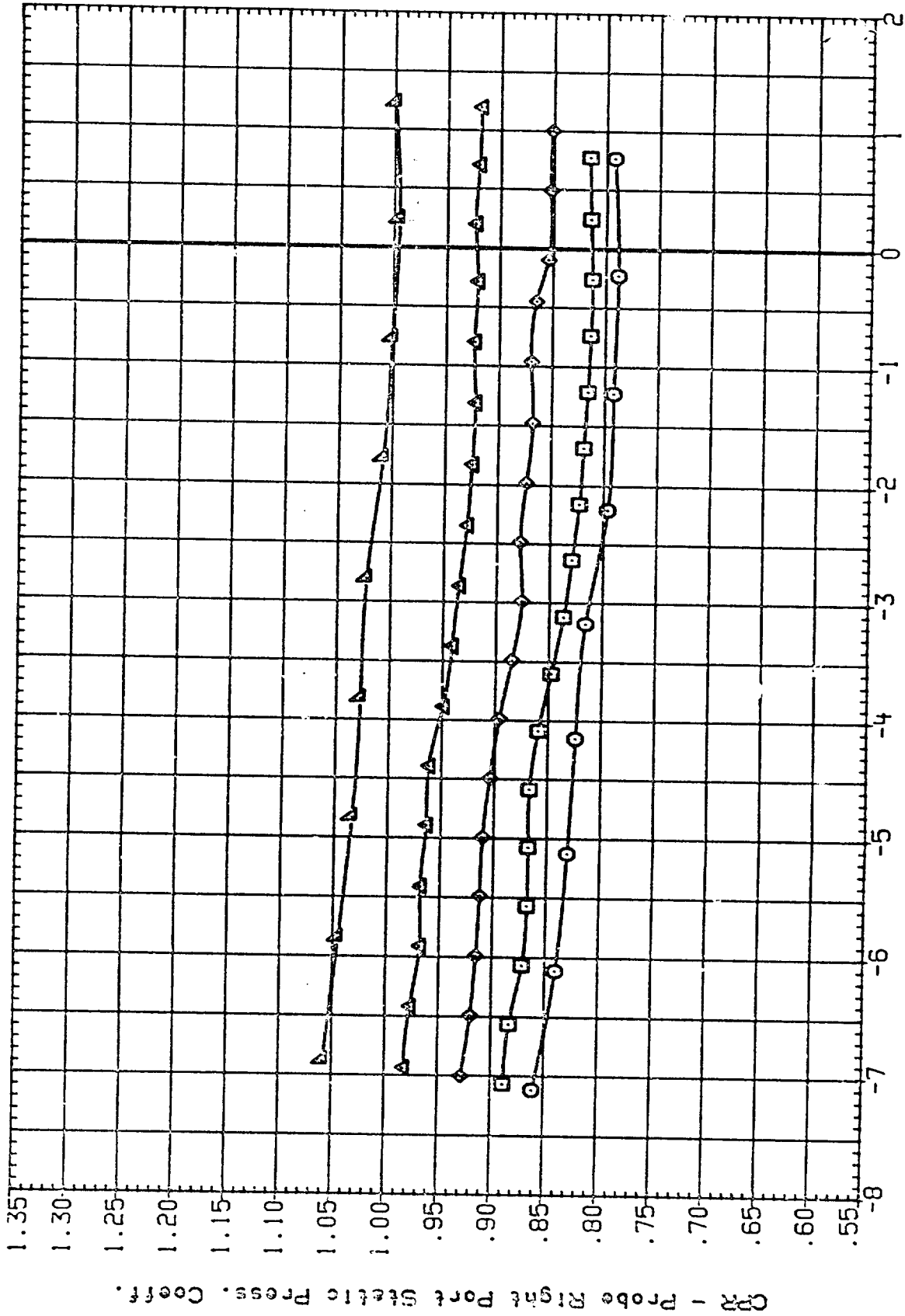


FIG. 1 AADS PROBE CALIBRATION - TEST SERIES 4

(J)MACH = 1.52

DATE 22 OCT 91

DATA SET SYMBOL

- SC1042 \square
- SC1045 \diamond
- SC1049 \triangle
- SC1053 \circ
- SC1056 \times

CONFIGURATION

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

- BETA -4.000 180.000
- 2.000 180.000
- 2.000 180.000
- 4.000 180.000

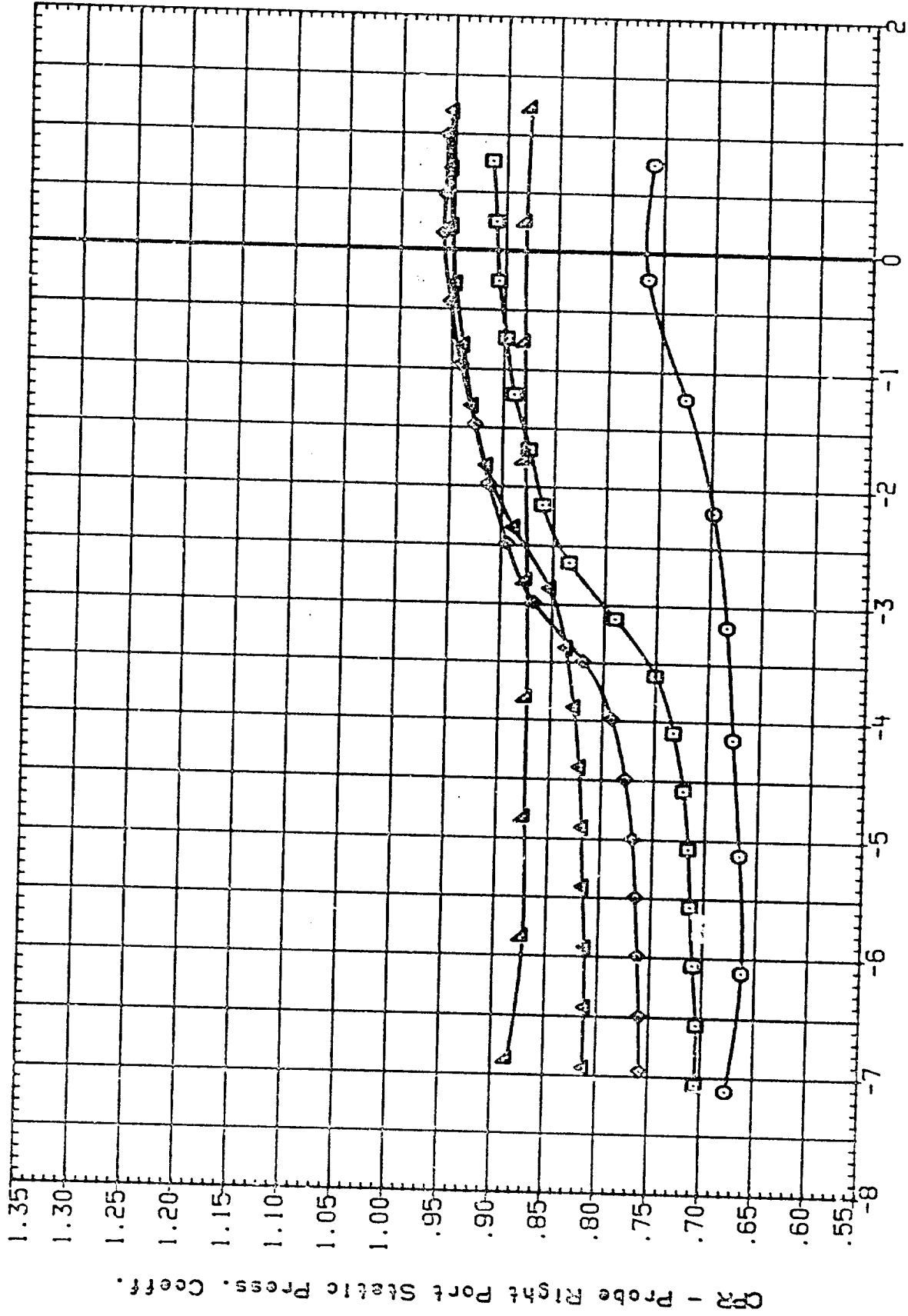


FIG. 1 AADS PROBE CALIBRATION - TEST SERIES 4

DATA -- SYMBO
 1C1042
 1C1045
 1C1049
 1C1053
 1C1055

CONFIGURATION
 1A310 (AEDC 161F-783) PROBE CALIBRATION
 1A310 (AEDC 161F-783) PROBE CALIBRATION
 1A310 (AEDC 161F-783) PROBE CALIBRATION
 1A310 (AEDC 161F-783) PROBE CALIBRATION

BETA PHI
 -4.000 180.000
 -2.000 180.000
 2.000 180.000
 4.000 190.000

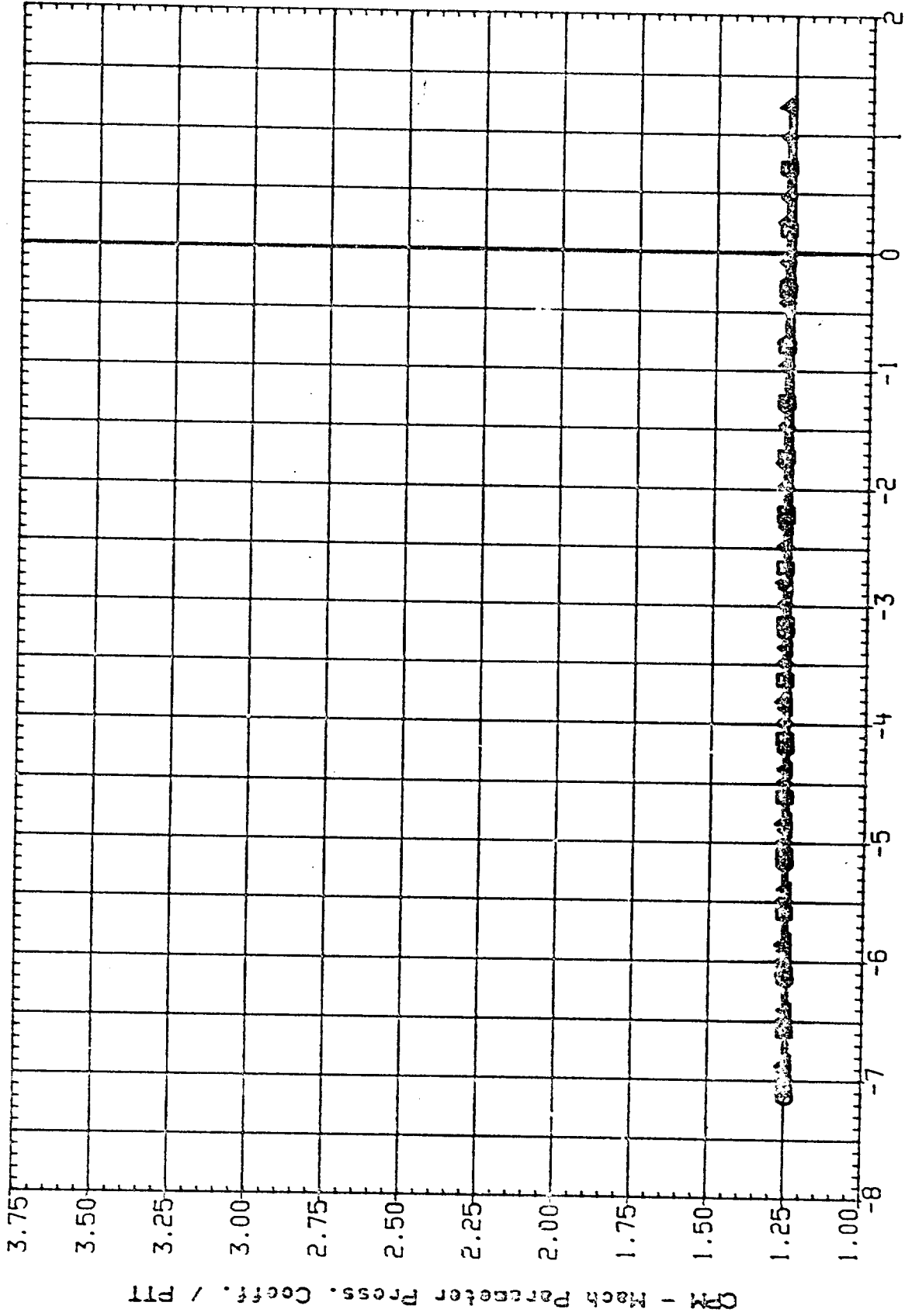


FIG. 1 AADS PROBE CALIBRATION - TEST SERIES 4

DATA SET SYMBOL

TC1092
TC1095
TC1059
TC1053
TC1056

CONFIGURATION

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

BETA PHI
-4.000 180.000
-2.000 180.000
.000 180.000
2.000 180.000
4.000 180.000

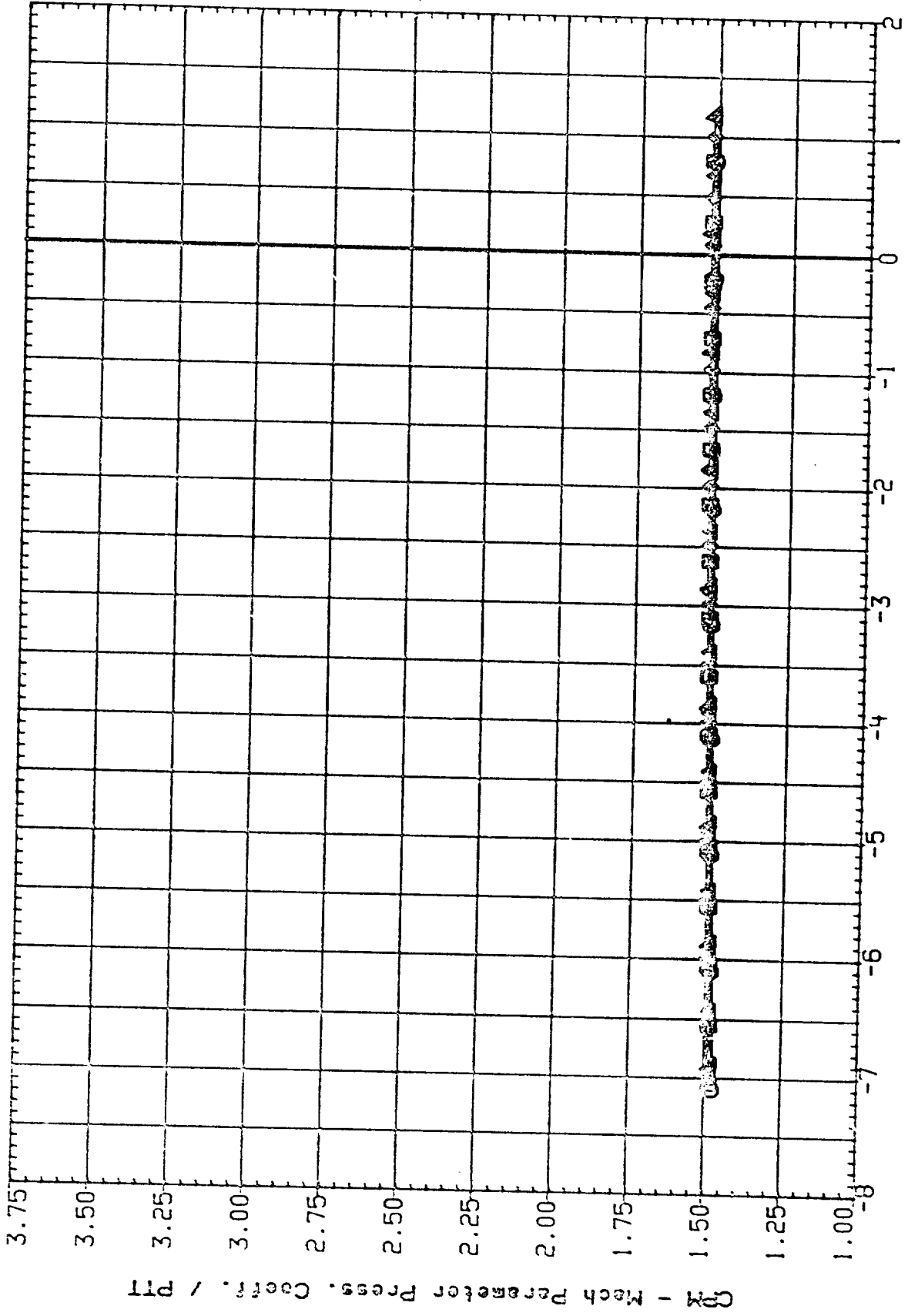


FIG. 1 AADS PROBE CALIBRATION - TEST SERIES 4

(B) CH = .80

DATE (OCT 91

DATA SE1 SYM2GL
 TC1092
 TC1095
 TC1099
 TC1033
 TC1056

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

BETA PHI
 -4.000 180.000
 -2.000 180.000
 2.000 180.000
 4.000 180.000

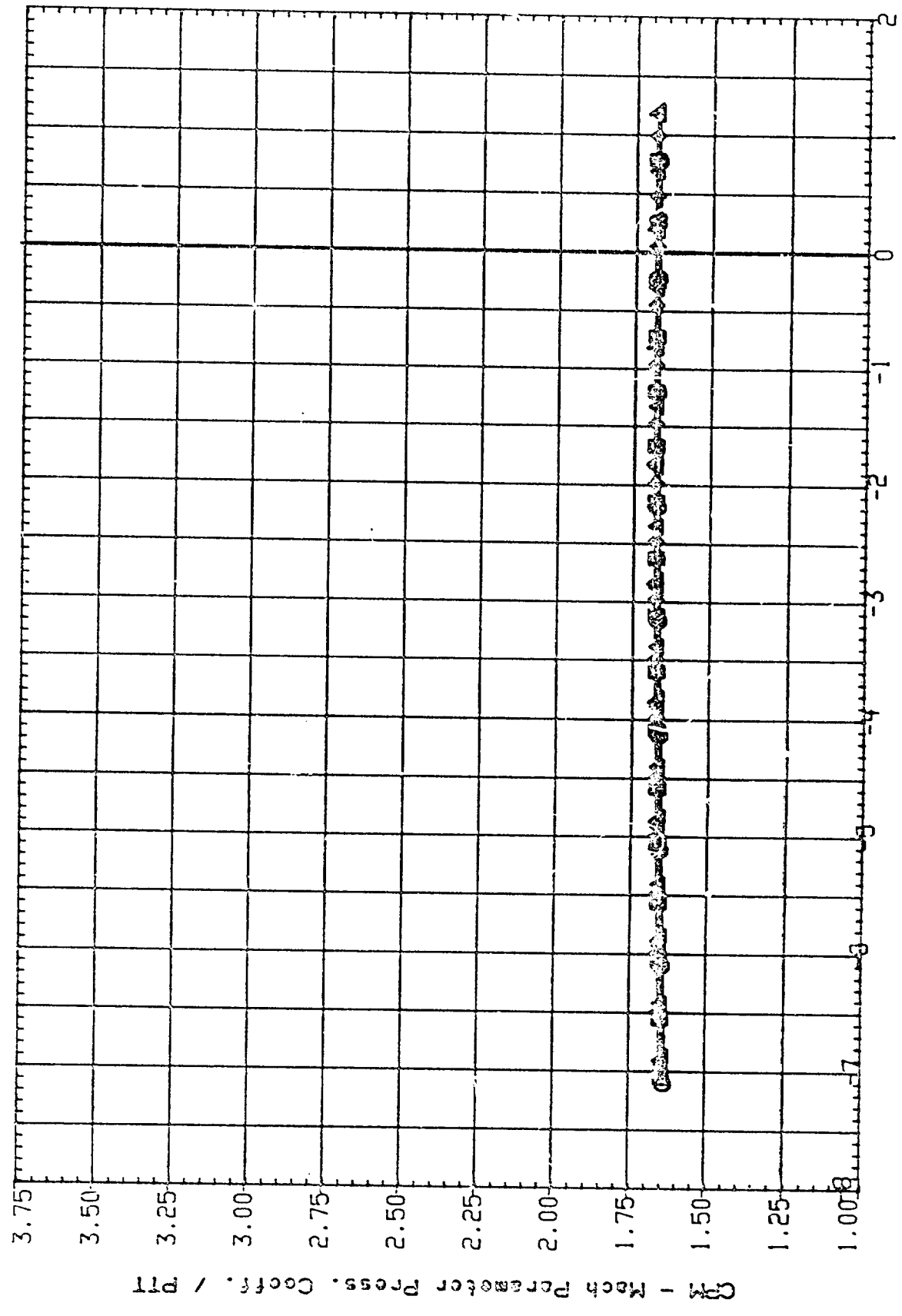


FIG. 1 AADS PROBE CALIBRATION - TEST SERIES 4^a

DATA SET SYMBOL

TC1042
 TC1045
 TC1049
 TC1053
 TC1056

CONFIGURATION

IA310 (AEDC 16TF-783) PROGE CALIBRATION
 IA310 (AEDC 16TF-783) PROGE CALIBRATION
 IA310 (AEDC 16TF-783) PROGE CALIBRATION
 IA310 (AEDC 16TF-783) PROGE CALIBRATION

BETA PHI
 -4.000 160.000
 -2.000 160.000
 2.000 160.000
 4.000 160.000

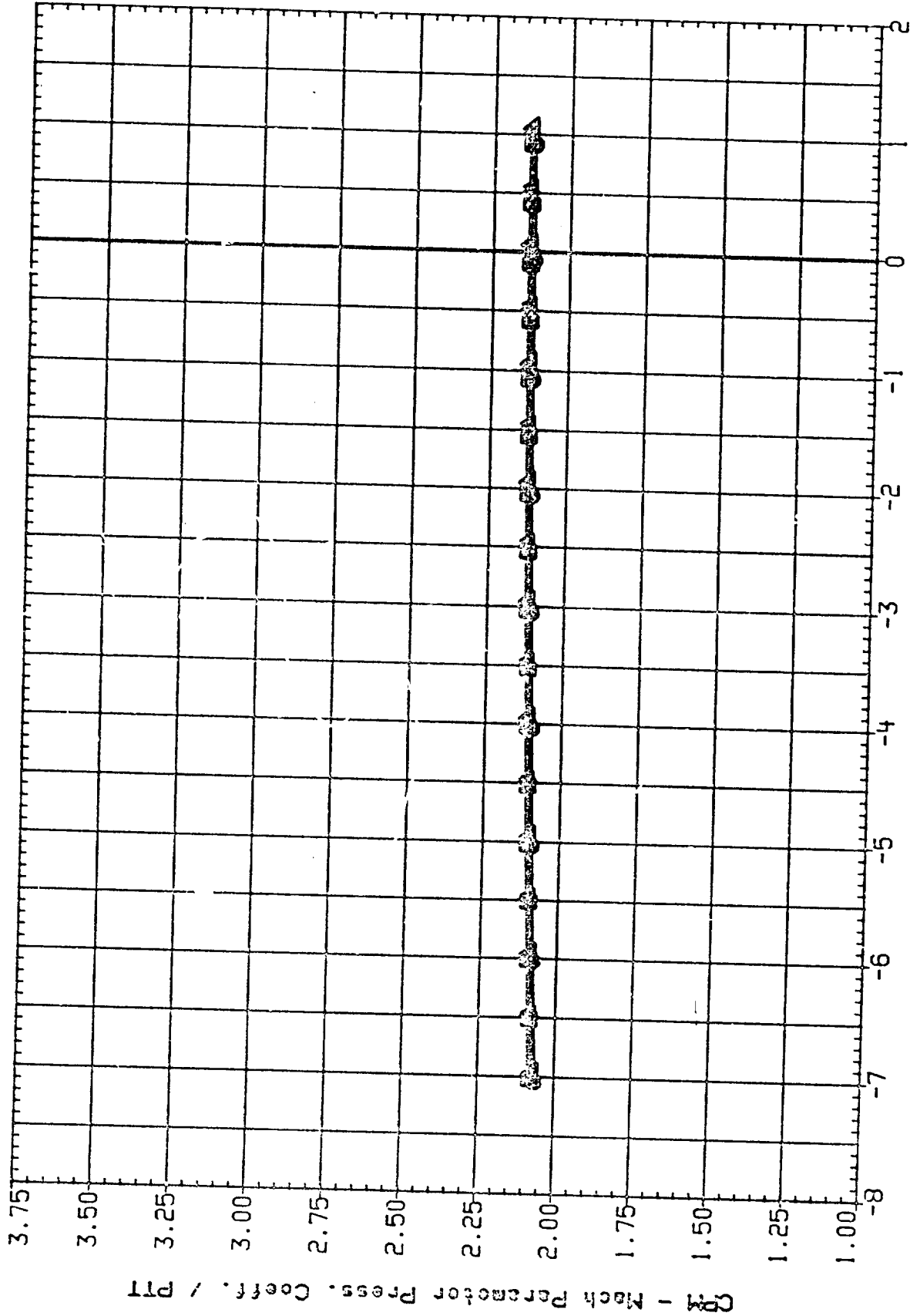


FIG. 1 AADS PROBE CALIBRATION - TEST SERIES 4

DATA SET SYMBOL

TC1042
TC1045
TC1049
TC1053
TC1058

CONFIGURATION

IA310 (AECC 161F-783) PROBE CALIBRATION
IA310 (AECC 161F-783) PROBE CALIBRATION
IA310 (AECC 161F-783) PROBE CALIBRATION
IA310 (AECC 161F-783) PROBE CALIBRATION
IA310 (AECC 161F-783) PROBE CALIBRATION

BETA

-4.000
-2.000
.000
2.000
4.000

PHI

180.000
180.000
180.000
180.000
180.000

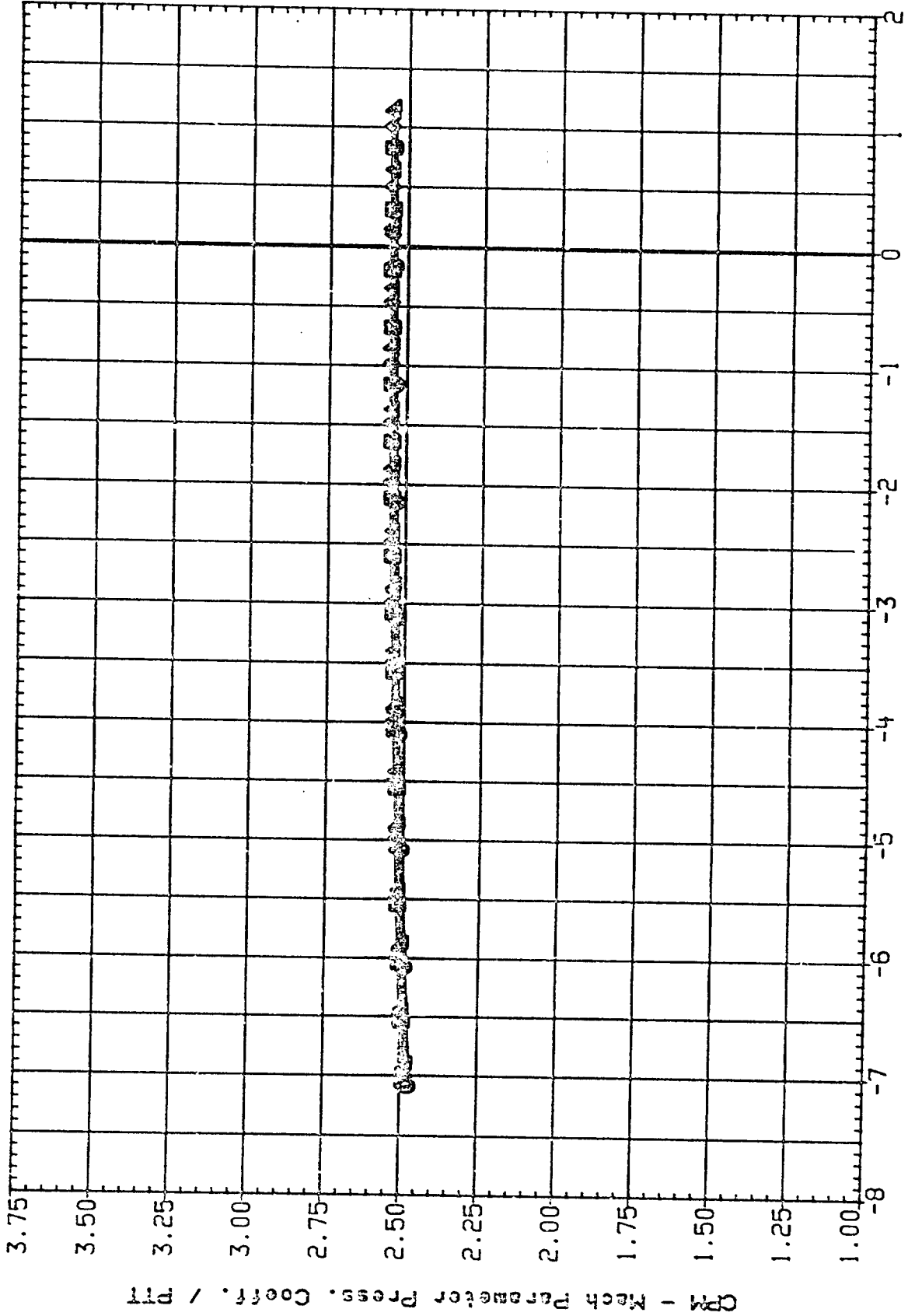


FIG. 1 AADS PROBE CALIBRATION - TEST SERIES 4

DATA SET SYRISOL

TC1042
TC1045
TC1049
TC1053
TC1056

IA310 (AEDC 16TF-783) PROCE CALIBRATION
IA310 (AEDC 16TF-783) PROCE CALIBRATION
IA310 (AEDC 16TF-783) PROCE CALIBRATION
IA310 (AEDC 16TF-783) PROCE CALIBRATION
IA310 (AEDC 16TF-783) PROCE CALIBRATION

BETA PHI
-4.000 180.000
-2.000 180.000
.000 180.000
2.000 180.000
4.000 180.000

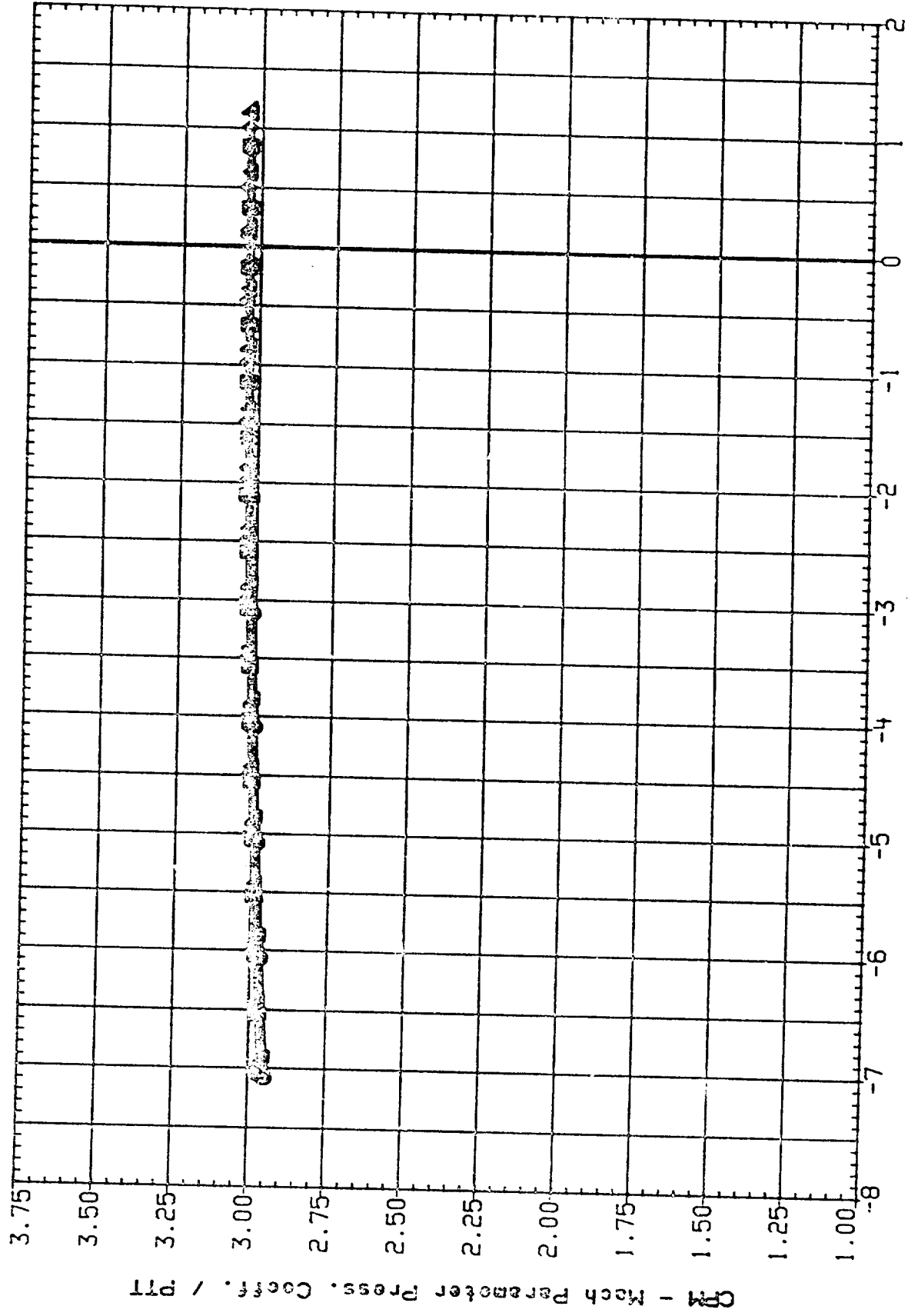


FIG. 1 AADS PROBE CALIBRATION - TEST SERIES 4

DATA SYMBO

TC1012
 TC1015
 TC1019
 TC1053
 TC1055

□
 ⊗
 △

CONFIGURATION

IA310 (AEDC) PROBE CALIBRATION
 IA310 (AEDC) PROBE CALIBRATION
 IA310 (AEDC) PROBE CALIBRATION
 IA310 (AEDC) PROBE CALIBRATION

BETA PHI
 -4.000 180.000
 -2.000 180.000
 2.000 180.000
 4.000 180.000

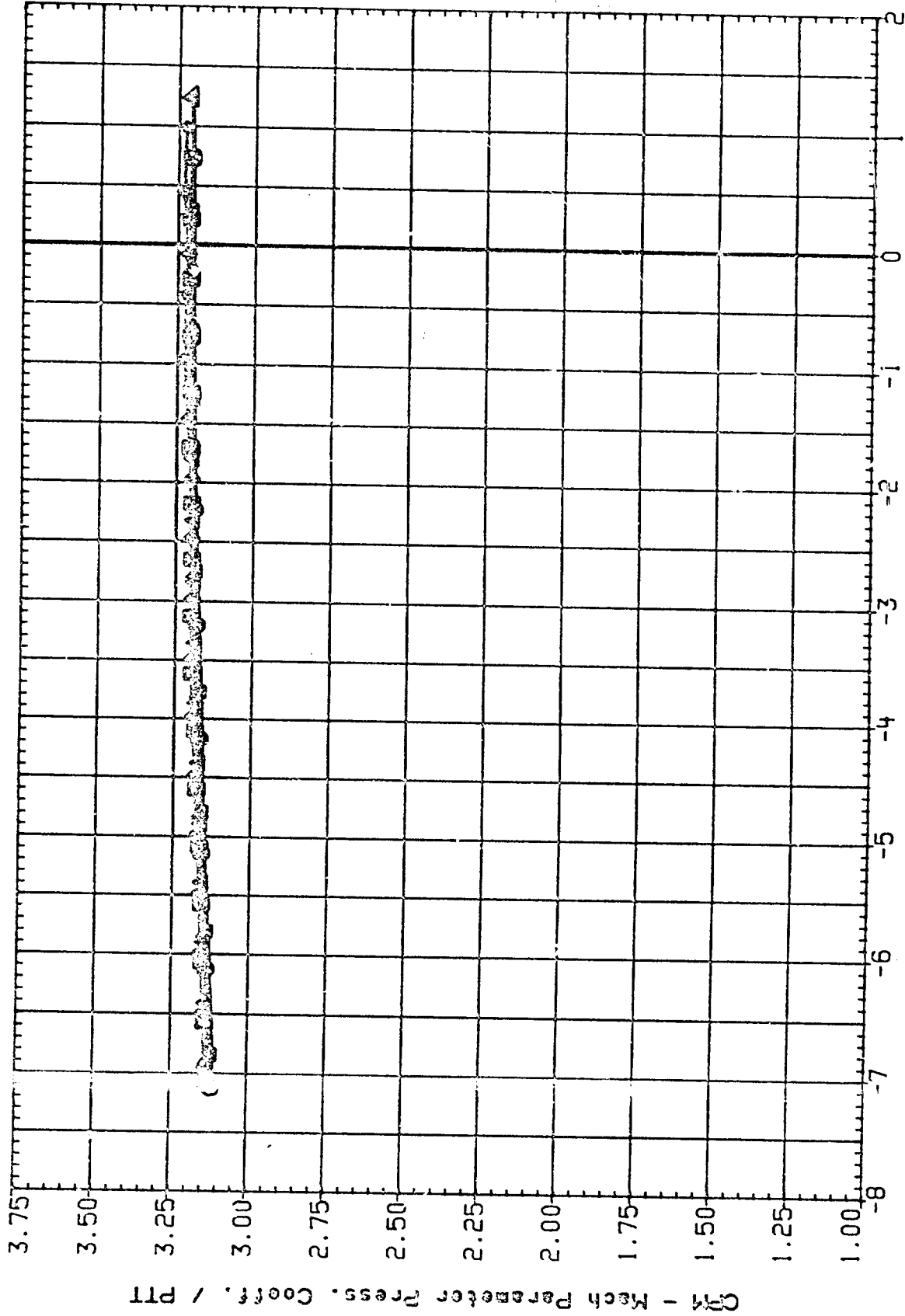


FIG. 1 AADS PROBE CALIBRATION - TEST SERIES 4

DATA SET SYMBOL

TC1012
 TC1015
 TC1019
 TC1033
 TC1036

CONFIGURATION

IA310 (AED) 161F-703) PROBE CALIBRATION
 IA310 (AED) 161F-783) PROBE CALIBRATION
 IA310 (AED) 161F-783) PROBE CALIBRATION
 IA310 (AED) 161F-783) PROBE CALIBRATION
 IA310 (AED) 161F-783) PROBE CALIBRATION

BETA PHI
 -4.000 180.000
 -2.000 180.000
 .000 180.000
 2.000 180.000
 4.000 180.000

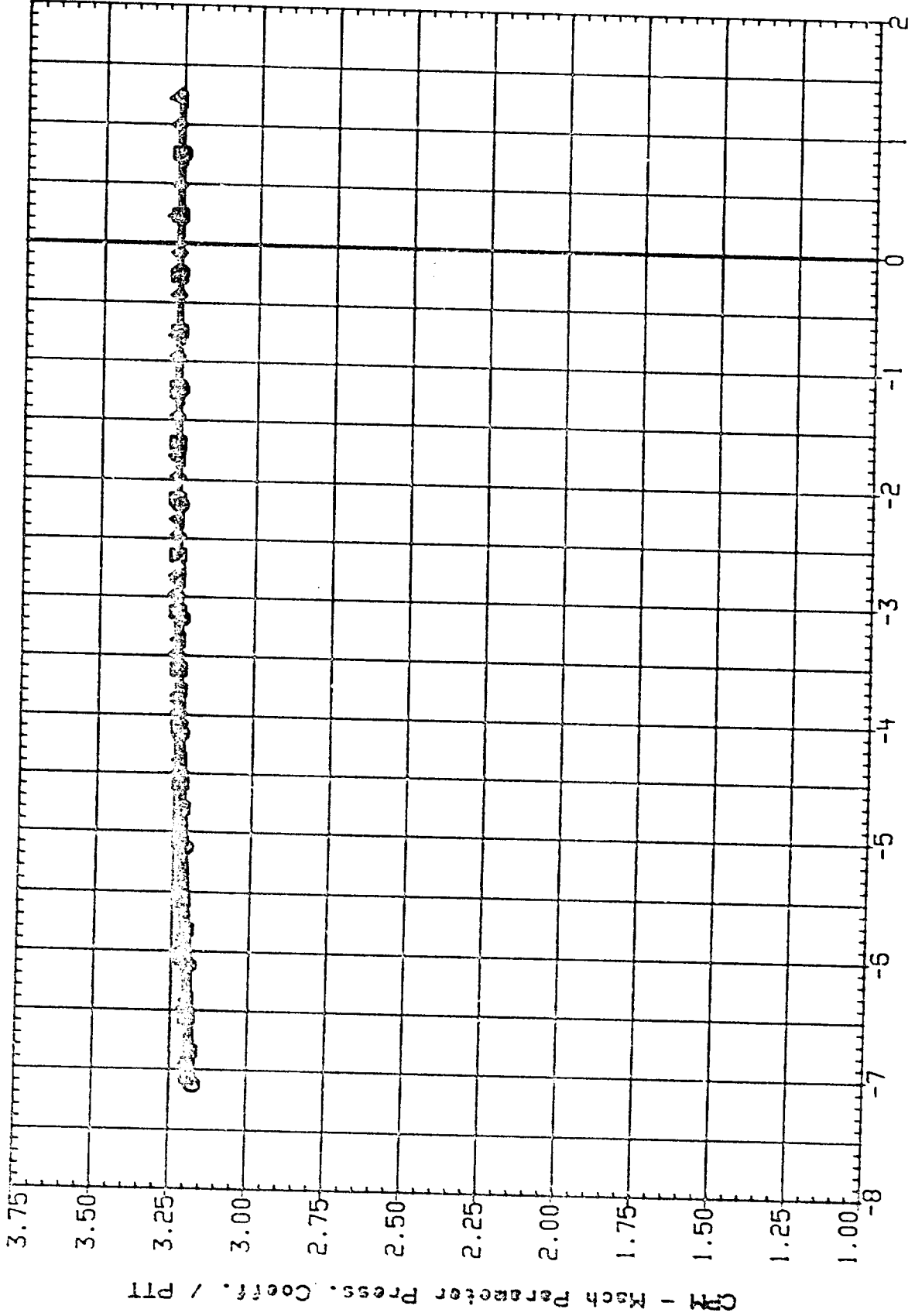


FIG. 1 AADS PROBE CALIBRATION - TEST SERIES 4

(H)MACH = 1.47

DATE () OCT 91

DATA	SYMBOL	CONFIGURATION	BETA	PHI
TC1012	○	IA310 (AEDC 16TF-783) PROBE CALIBRATION	-4.000	180.000
TC1013	○	IA310 (AEDC 16TF-783) PROBE CALIBRATION	-2.000	180.000
TC1014	○	IA310 (AEDC 16TF-783) PROBE CALIBRATION	0.000	180.000
TC1015	○	IA310 (AEDC 16TF-783) PROBE CALIBRATION	2.000	180.000
TC1016	○	IA310 (AEDC 16TF-783) PROBE CALIBRATION	4.000	180.000

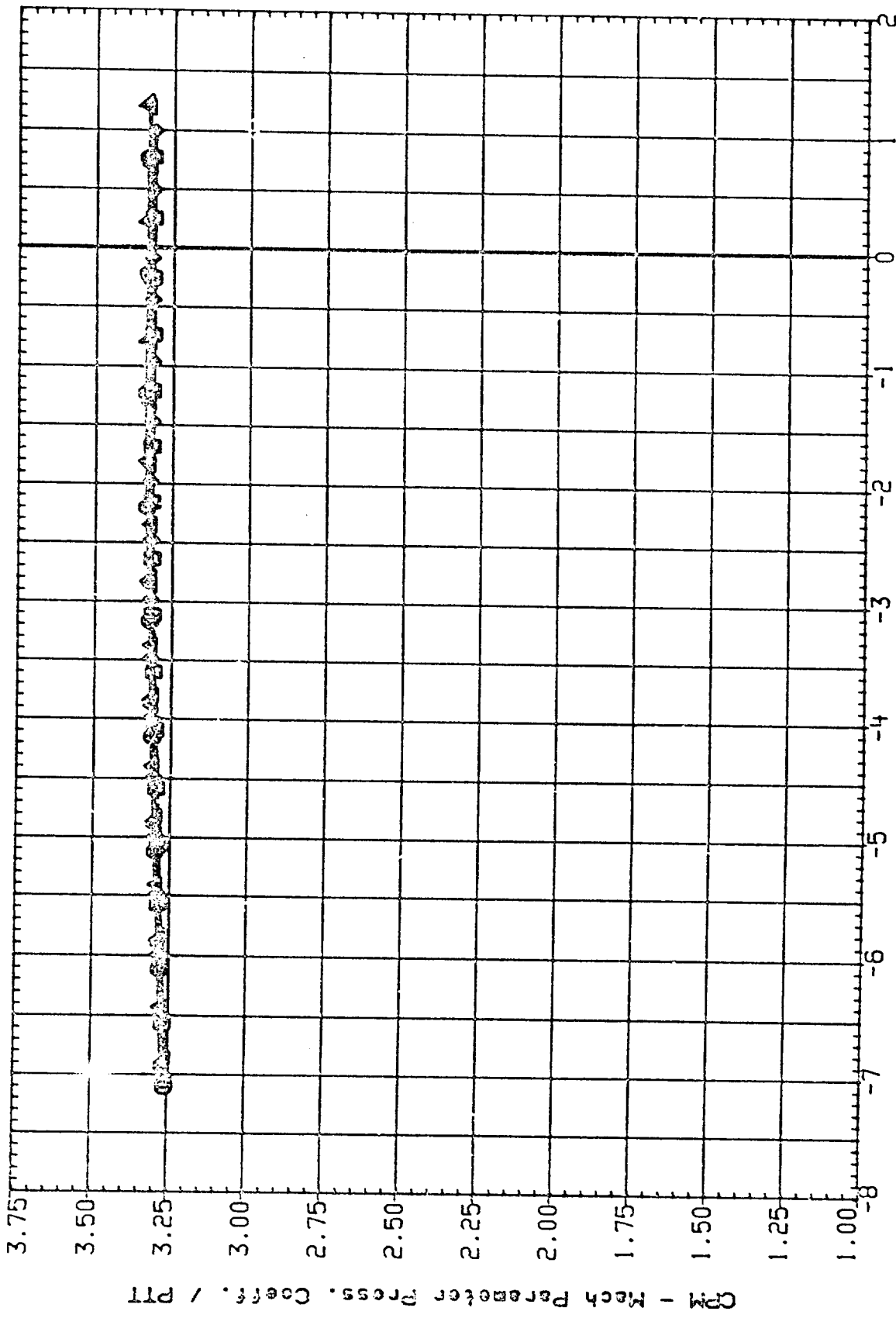


FIG. 1 AADS PROBE CALIBRATION - TEST SERIES 4

DATA SET SYMBOL

TC1042
 TC1045
 TC1049
 TC1053
 TC1058

CONFIGURATION

IA310 (AEDC 161F-783) PROBE CALIBRATION
 IA310 (AEDC 161F-783) PROBE CALIBRATION
 IA310 (AEDC 161F-783) PROBE CALIBRATION
 IA310 (AEDC 161F-783) PROBE CALIBRATION

BETA PHI
 -4.000 180.000
 -2.000 180.000
 0.000 180.000
 2.000 180.000
 4.000 180.000

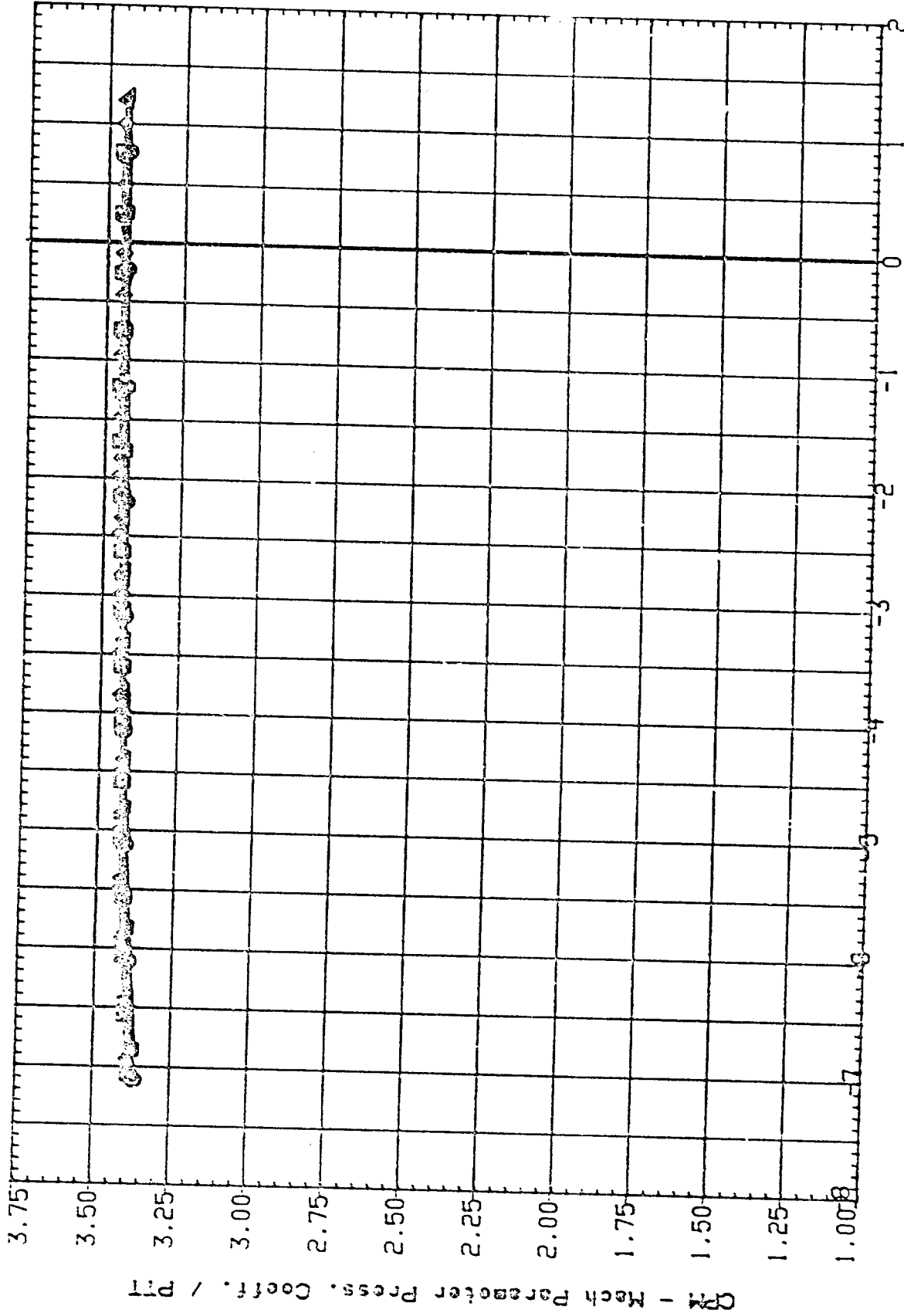


FIG. 1 AADS PROBE CALIBRATION - TEST SERIES 4

(J)MACH = 1.52

DATE 2 OCT 91

DATA SYMBOL

TCH1045
TCH1046
TCH1049
TCH1053
TCH1055

□
◇
△

CONFIGURATION

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

BET. PHI
-4.000 180.000
-2.000 180.000
.000 180.000
2.000 180.000
4.000 180.000

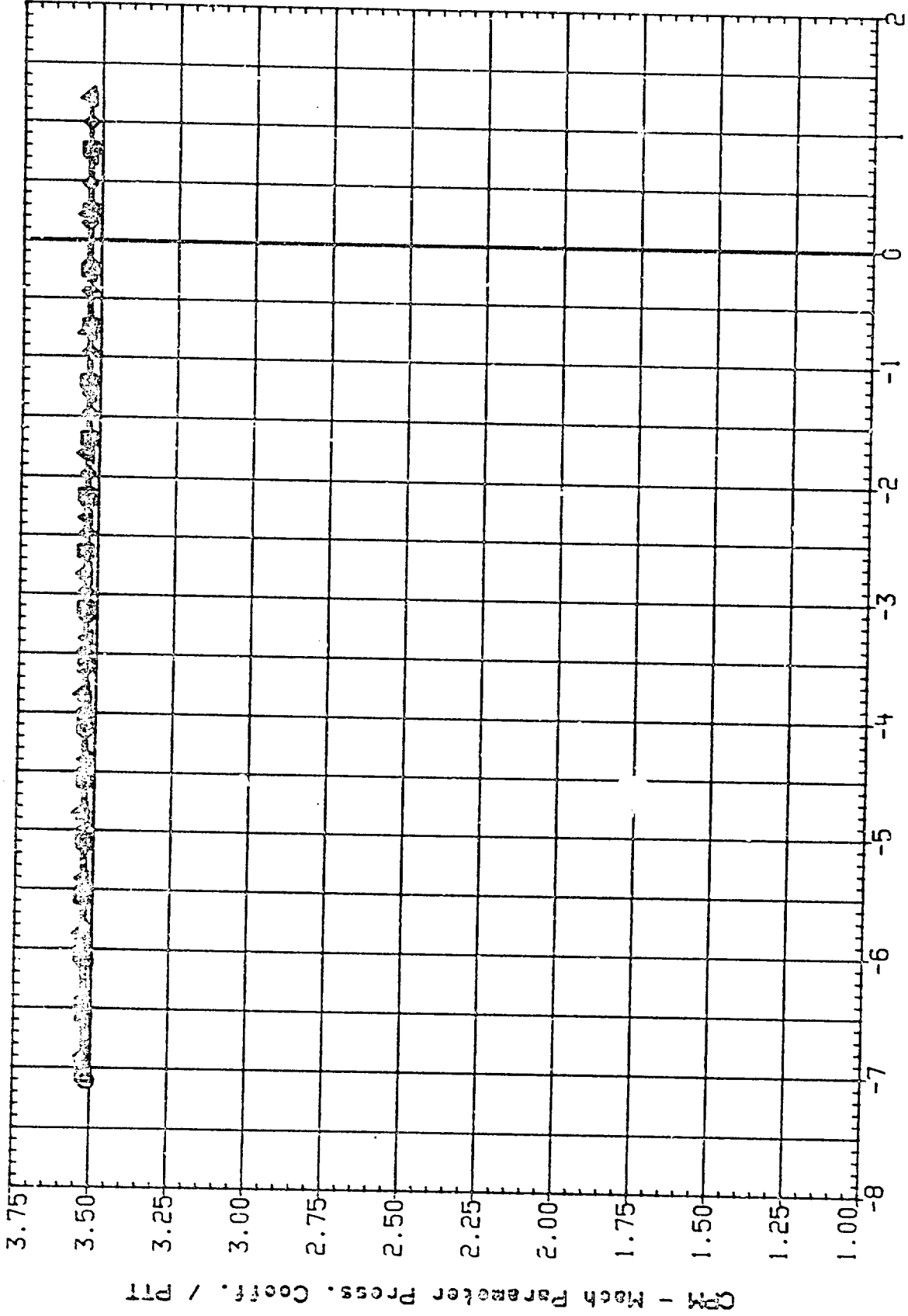


FIG. 1 AADS PROBE CALIBRATION - TEST SERIES 4

(K) MACH = 1.54

DATE 22 OCT 91

DATA SET SYMBOL

- TC1042 ○
- TC1045 □
- TC1049 △
- TC1053 ◇
- TC1055 ▲

CONFIGURATION

- IA310 (AEDC 161F-783) PROBE CALIBRATION
- IA310 (AEDC 161F-783) PROBE CALIBRATION
- IA310 (AEDC 161F-783) PROBE CALIBRATION
- IA310 (AEDC 161F-783) PROBE CALIBRATION
- IA310 (AEDC 161F-783) PROBE CALIBRATION

- BETA -4.000 PHI 180.000
- BETA -2.000 PHI 180.000
- BETA .000 PHI 180.000
- BETA 2.000 PHI 180.000
- BETA 4.000 PHI 180.000

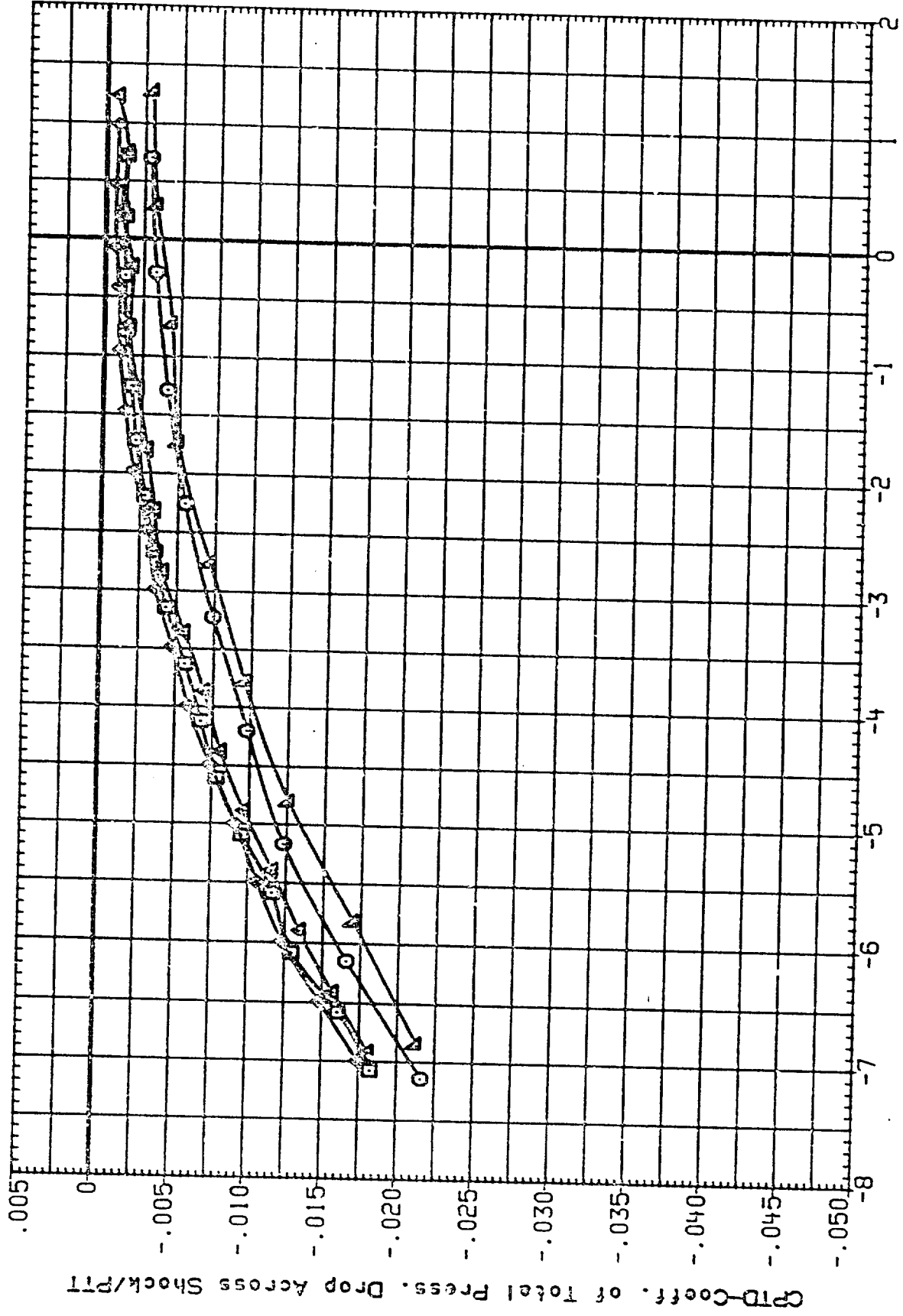


FIG. 1 AADS PROBE CALIBRATION - TEST SERIES 4

(A) MACH = .60

DATE () OCT 91

DATE	SYMBOL	CONFIGURATION	PHI
TCH045	○	IA310 (AEDC 161F-783) PROBE CALIBRATION	-4.000
TCH045	○	IA310 (AEDC 161F-783) PROBE CALIBRATION	-2.000
TCH053	△	IA310 (AEDC 161F-783) PROBE CALIBRATION	2.000
TCH056	▽	IA310 (AEDC 161F-783) PROBE CALIBRATION	4.000

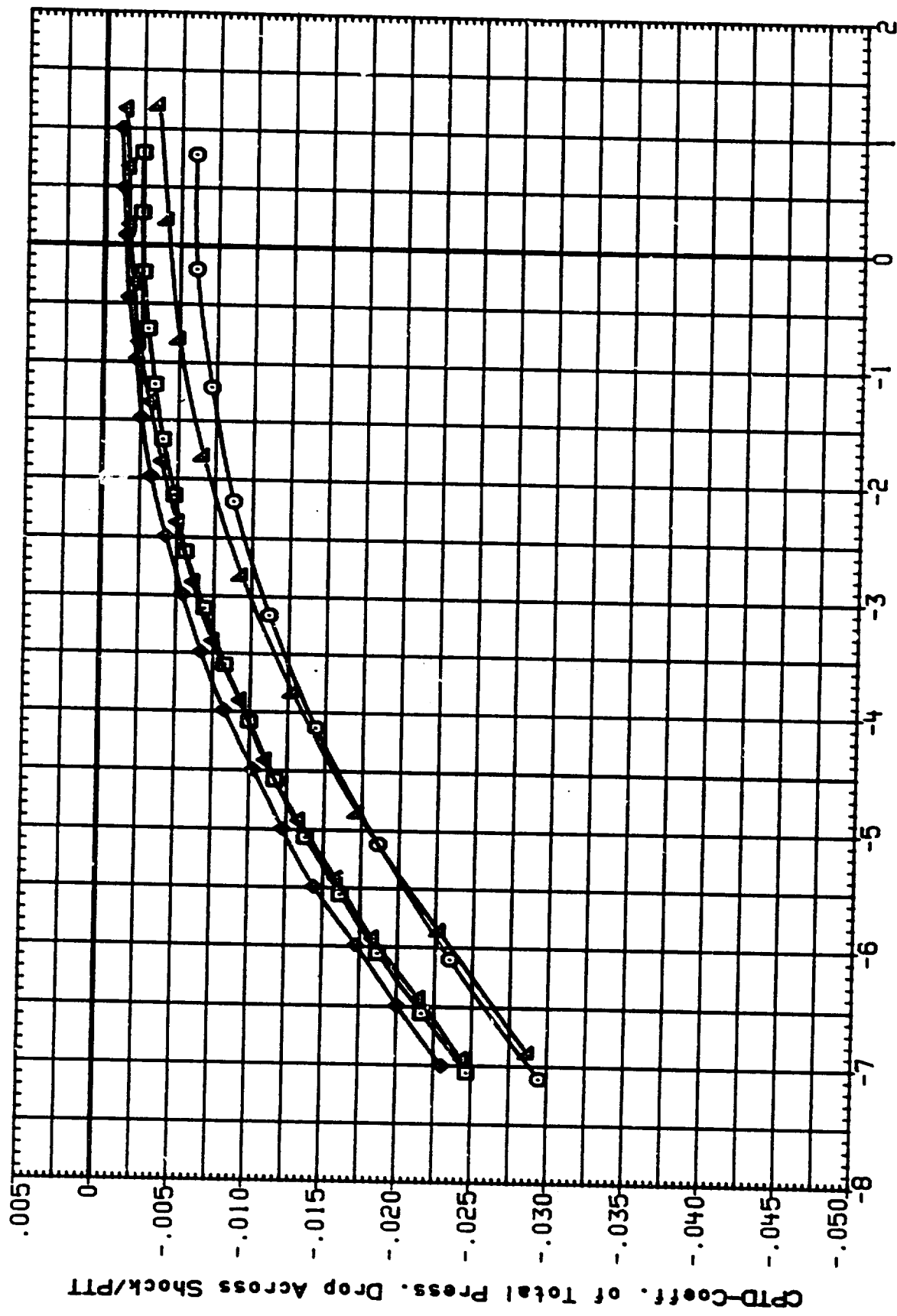


FIG. 1 AADS PROBE CALIBRATION - TEST SERIES 4

(B) MACH = .80

DATE 22 OCT 91

DATA SET SYMBOL

- TCH042
- TCH045
- TCH048
- TCH053
- TCH055

CONFIGURATION

- IA310 (AEDC 161F-783) PROBE CALIBRATION
- IA310 (AEDC 161F-783) PROBE CALIBRATION
- IA310 (AEDC 161F-783) PROBE CALIBRATION
- IA310 (AEDC 161F-783) PROBE CALIBRATION
- IA310 (AEDC 161F-783) PROBE CALIBRATION

BETA PHI

- 4.000 180.000
- 2.000 180.000
- 2.000 180.000
- 4.000 180.000

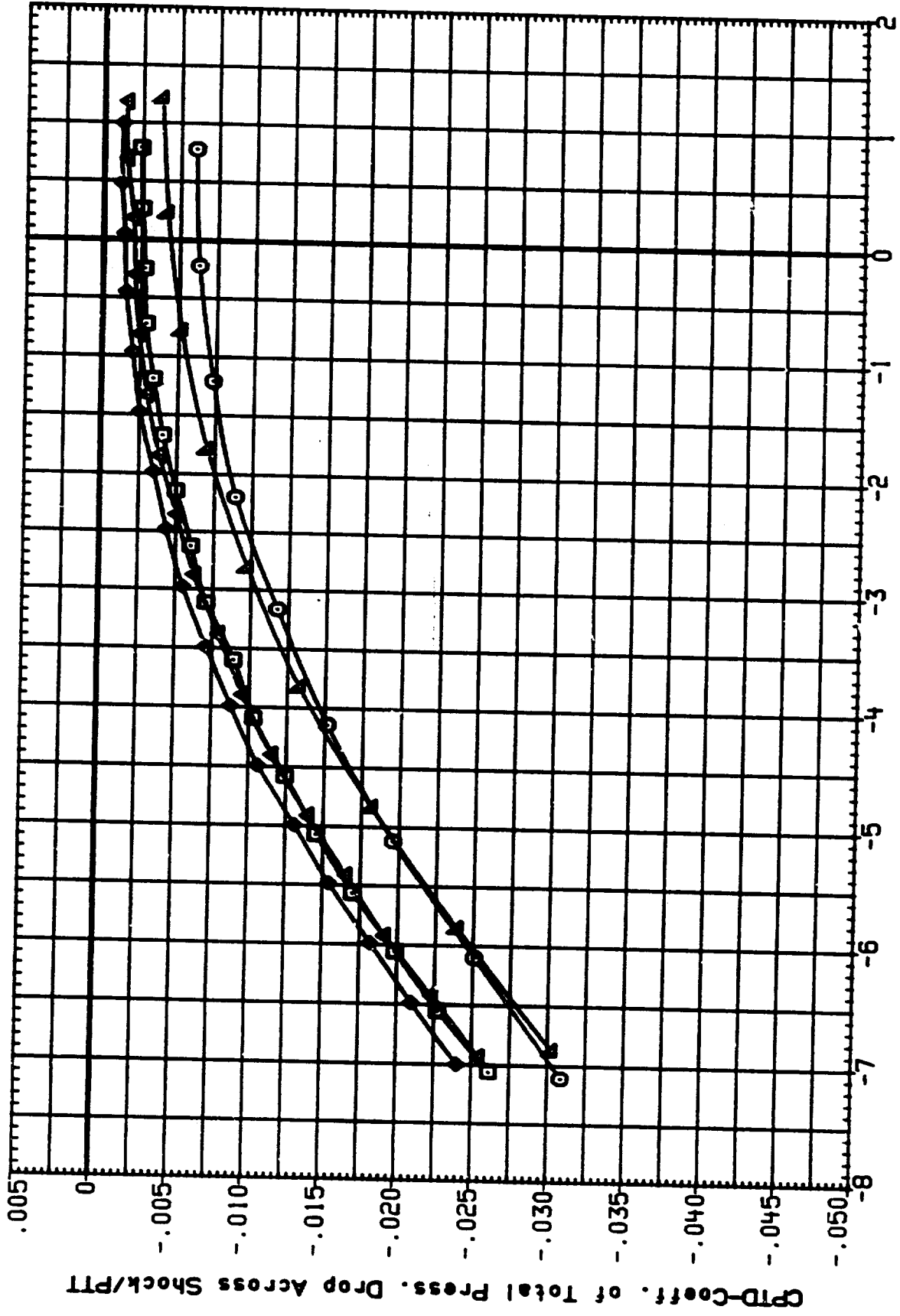


FIG. 1 AADS PROBE CALIBRATION - TEST SERIES 4

DATE	SYMBOL	CONFIGURATION	BE	PHI
TCH052	□	IA310 (AEDC 161F-783) PROBE CALIBRATION	-4.000	180.000
TCH053	○	IA310 (AEDC 161F-783) PROBE CALIBRATION	-2.000	180.000
TCH054	△	IA310 (AEDC 161F-783) PROBE CALIBRATION	2.000	180.000
TCH055	◇	IA310 (AEDC 161F-783) PROBE CALIBRATION	4.000	180.000

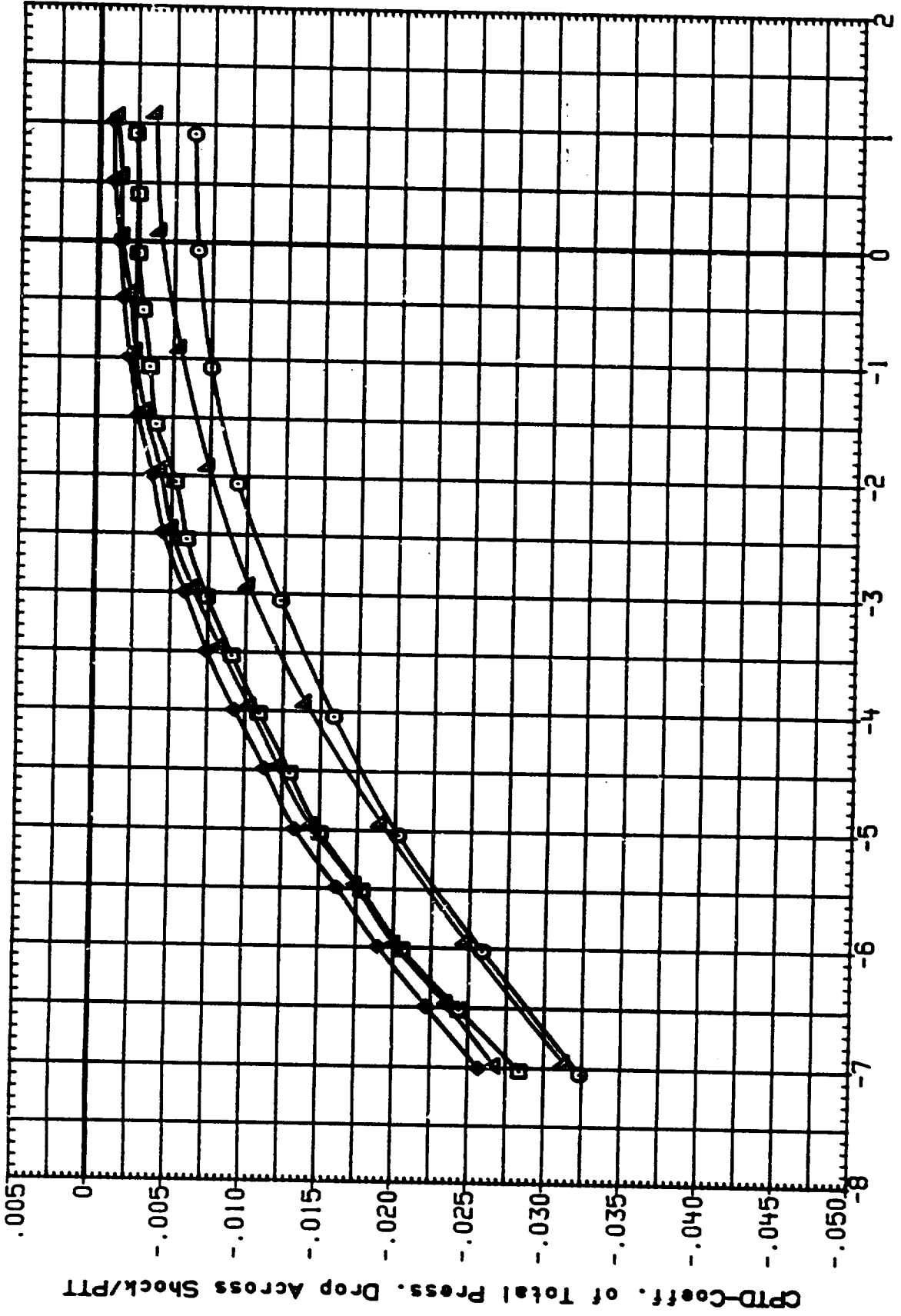


FIG. 1 AADS PROBE CALIBRATION - TEST SERIES 4

(O)MACH = 1.10

DATE 22 OCT 91

DATA SET SYMBOL	CONFIGURATION	BETA	PHI
TCM042	IA310 (AEDC 161F-783) PROBE CALIBRATION	-4.000	180.000
TCM043	IA310 (AEDC 161F-783) PROBE CALIBRATION	-2.000	180.000
TCM049	IA310 (AEDC 161F-783) PROBE CALIBRATION	.000	180.000
TCM053	IA310 (AEDC 161F-783) PROBE CALIBRATION	2.000	180.000
TCM056	IA310 (AEDC 161F-783) PROBE CALIBRATION	4.000	180.000

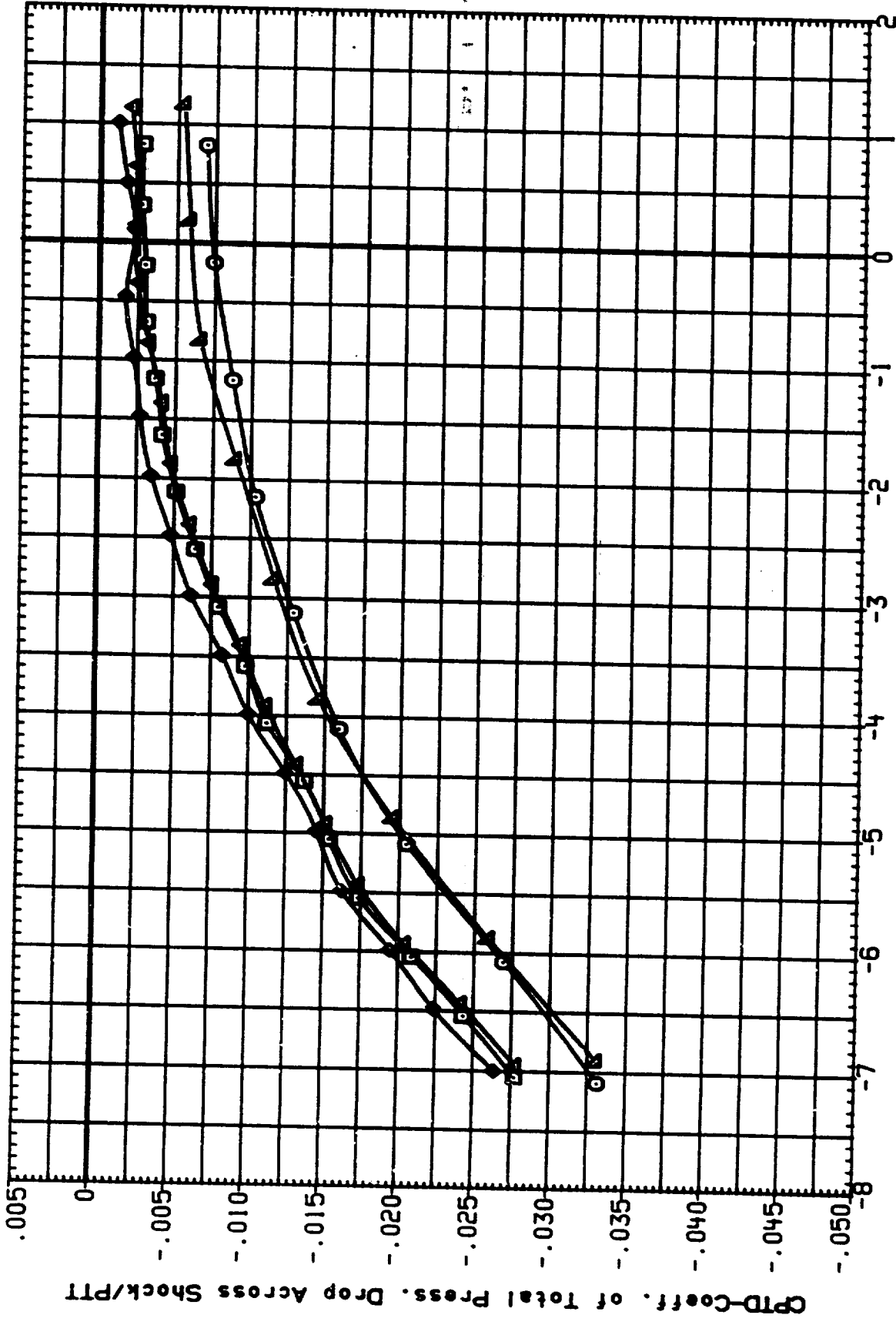


FIG. 1 AADS PROBE CALIBRATION - TEST SERIES 4

(E)MACH = 1.25

DATE 22 OCT 91

DATA SET SYMBOL
 TC 1
 TC 2
 TC 3
 TC 4
 TC 5
 TC 6

CONFIGURATION
 IA310 (AEDC 181F-783) PROBE CALIBRATION
 IA310 (AEDC 181F-783) PROBE CALIBRATION
 IA310 (AEDC 181F-783) PROBE CALIBRATION
 IA310 (AEDC 181F-783) PROBE CALIBRATION

BETA PHI
 -4.000 180.000
 -2.000 180.000
 2.000 180.000
 4.000 180.000

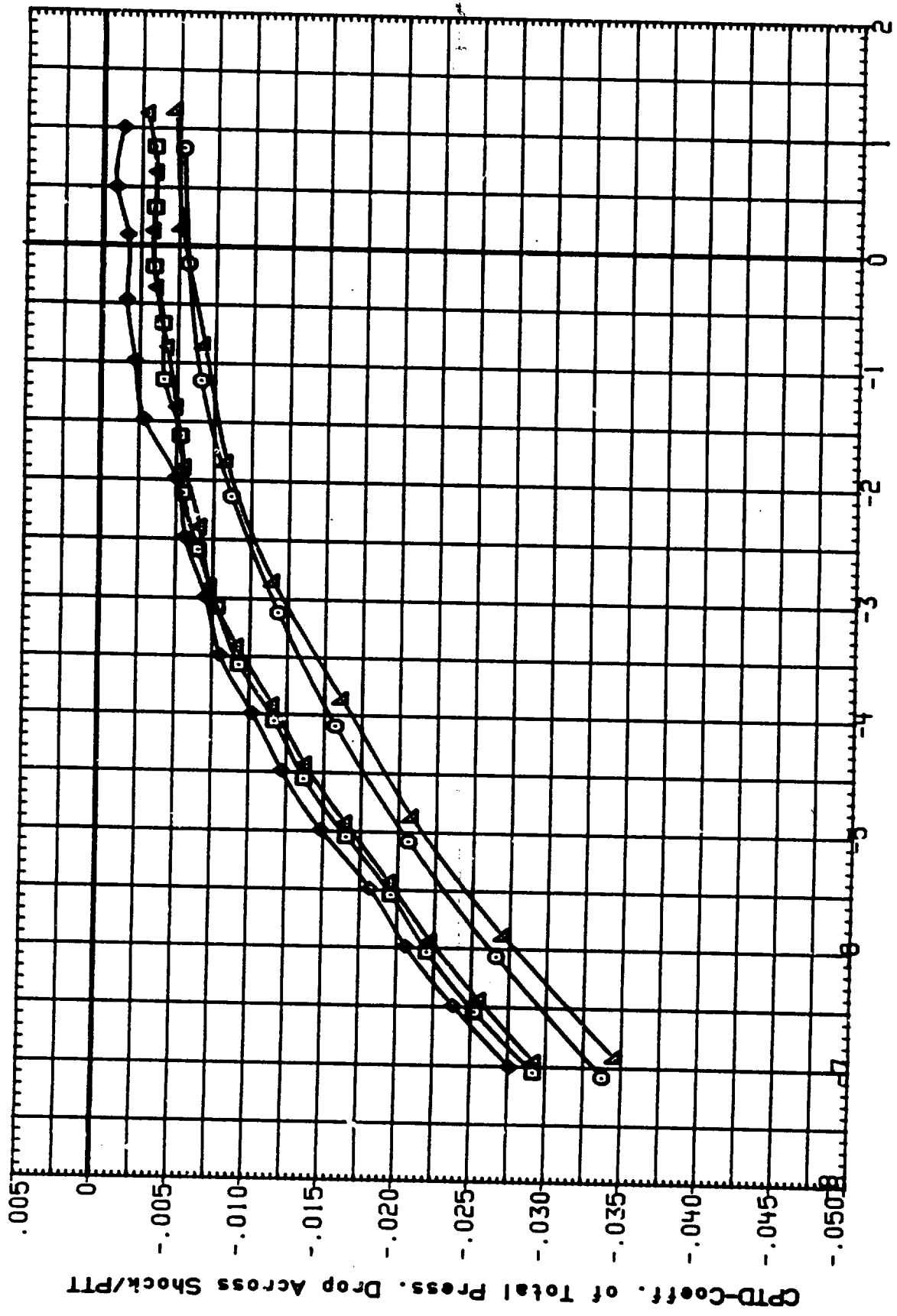


FIG. 1 AADS PROBE CALIBRATION - TEST SERIES 4

(F)MACH = 1.40

DATE 22 OCT 91

DATA SET SYMBOL	CONF IGURATION	BETA	PHI
TCM042	IA310 (AEDC 181F-783) PROBE CALIBRATION	-4.000	180.000
TCM045	IA310 (AEDC 181F-783) PROBE CALIBRATION	-2.000	180.000
TCM048	IA310 (AEDC 181F-783) PROBE CALIBRATION	.000	180.000
TCM053	IA310 (AEDC 181F-783) PROBE CALIBRATION	2.000	180.000
TCM056	IA310 (AEDC 181F-783) PROBE CALIBRATION	4.000	180.000

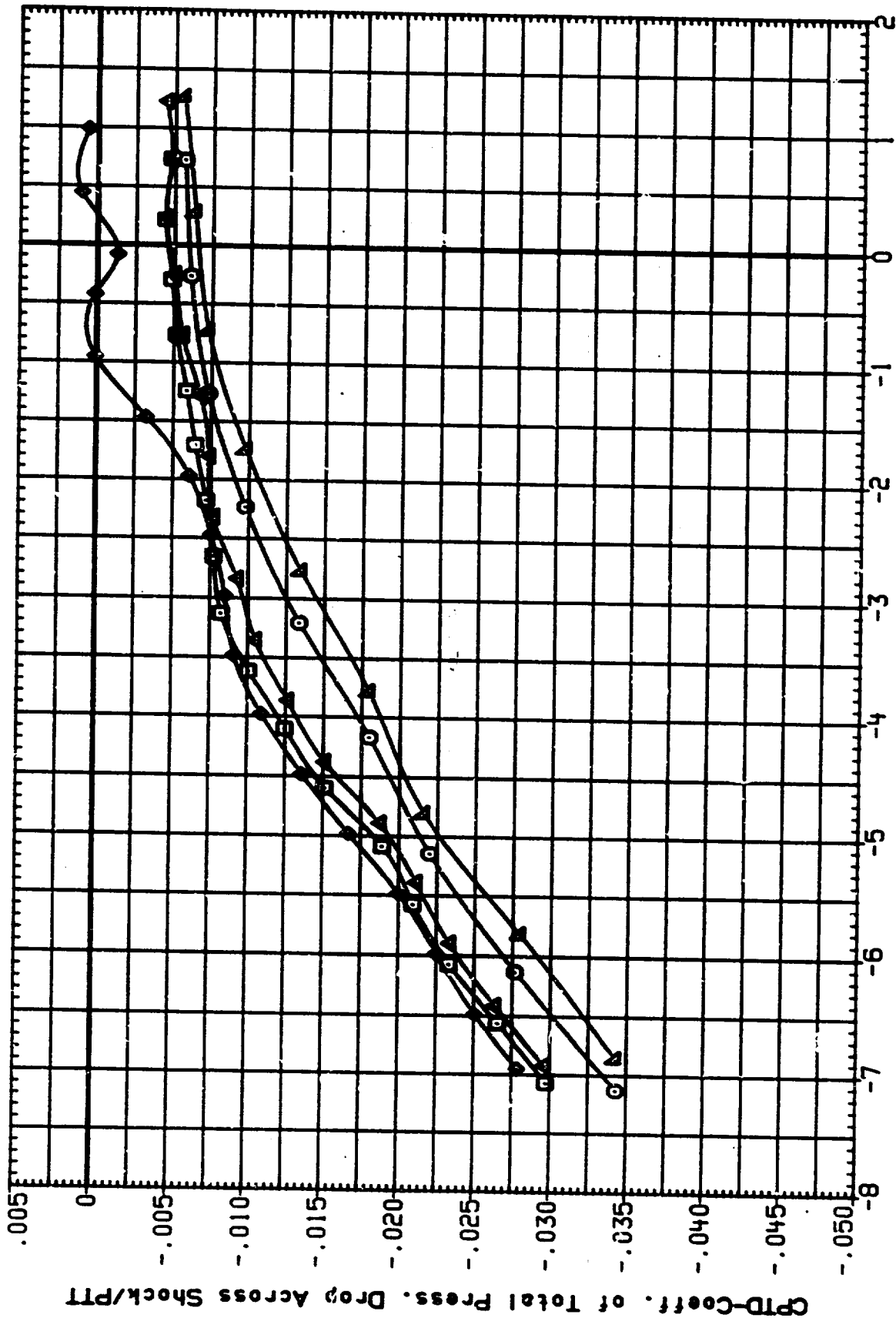


FIG. 1 AADS PROBE CALIBRATION - TEST SERIES 4

(G)MACH = 1.45

DATE 22 OCT 91

DATA SET SYMBOL

- TCM02
- TCM05
- TCM59
- TCM53
- TCM56

CONFIGURATION

- IA310 (AEDC 181F-783) PROBE CALIBRATION
- IA310 (AEDC 181F-783) PROBE CALIBRATION
- IA310 (AEDC 181F-783) PROBE CALIBRATION
- IA310 (AEDC 181F-783) PROBE CALIBRATION
- IA310 (AEDC 181F-783) PROBE CALIBRATION

BETA PHI

- 4.000 180.000
- 2.000 180.000
- 2.000 180.000
- 4.000 180.000

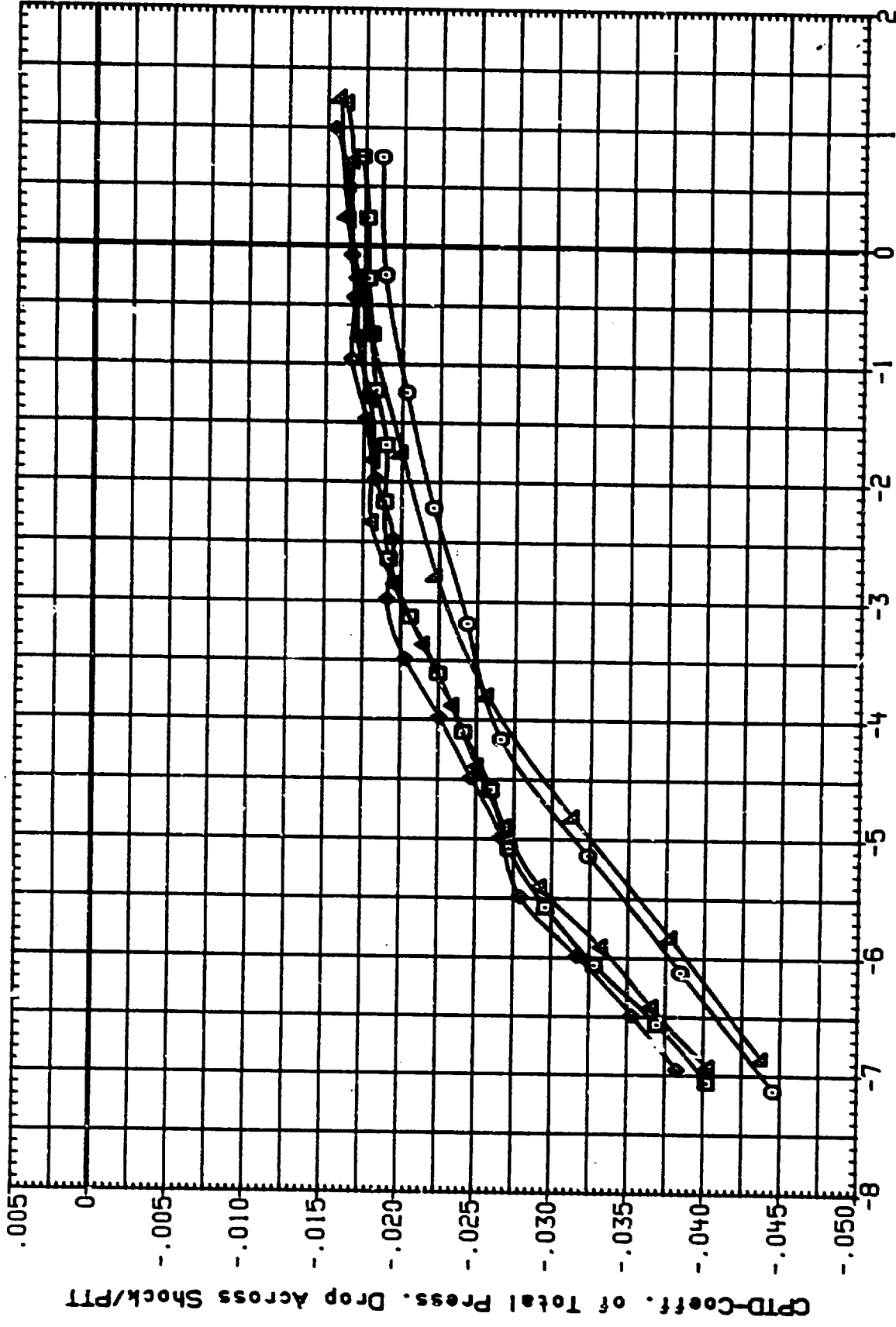


FIG. 1 AADS PROBE CALIBRATION - TEST SERIES 4

(H)MACH = 1.47

DATE 22 OCT 91

DATA SET SYMBOL	CONFIGURATION	BETA	PHI
TCH042	IA310 (AEDC 16TF-783) PROBE CALIBRATION	-4.000	180.000
TCH045	IA310 (AEDC 16TF-783) PROBE CALIBRATION	-2.000	180.000
TCH049	IA310 (AEDC 16TF-783) PROBE CALIBRATION	2.000	180.000
TCH053	IA310 (AEDC 16TF-783) PROBE CALIBRATION	4.000	180.000
TCH056	IA310 (AEDC 16TF-783) PROBE CALIBRATION		

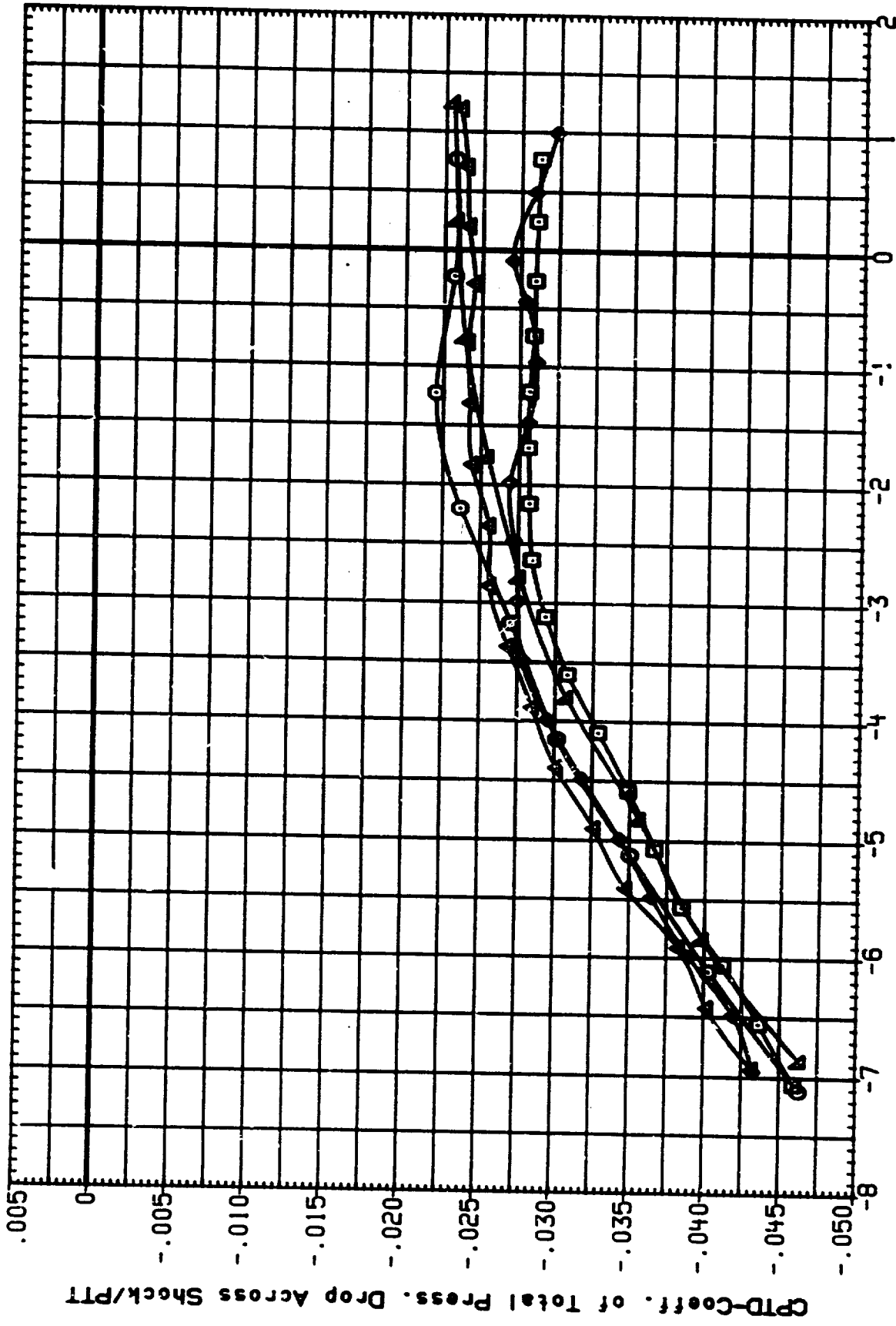


FIG. 1 AADS PROBE CALIBRATION - TEST SERIES 4

(1)MACH = 1.49

DATE 22 OCT 91

DATA SET SYMBOL
 TC002
 TC003
 TC004
 TC005
 TC006

IA310 (AECC 161F-783) PROBE CALIBRATION
 IA310 (AECC 161F-783) PROBE CALIBRATION
 IA310 (AECC 161F-783) PROBE CALIBRATION
 IA310 (AECC 161F-783) PROBE CALIBRATION

BETA PHI
 4.000 180.000
 -2.000 180.000
 2.000 180.000
 4.000 180.000

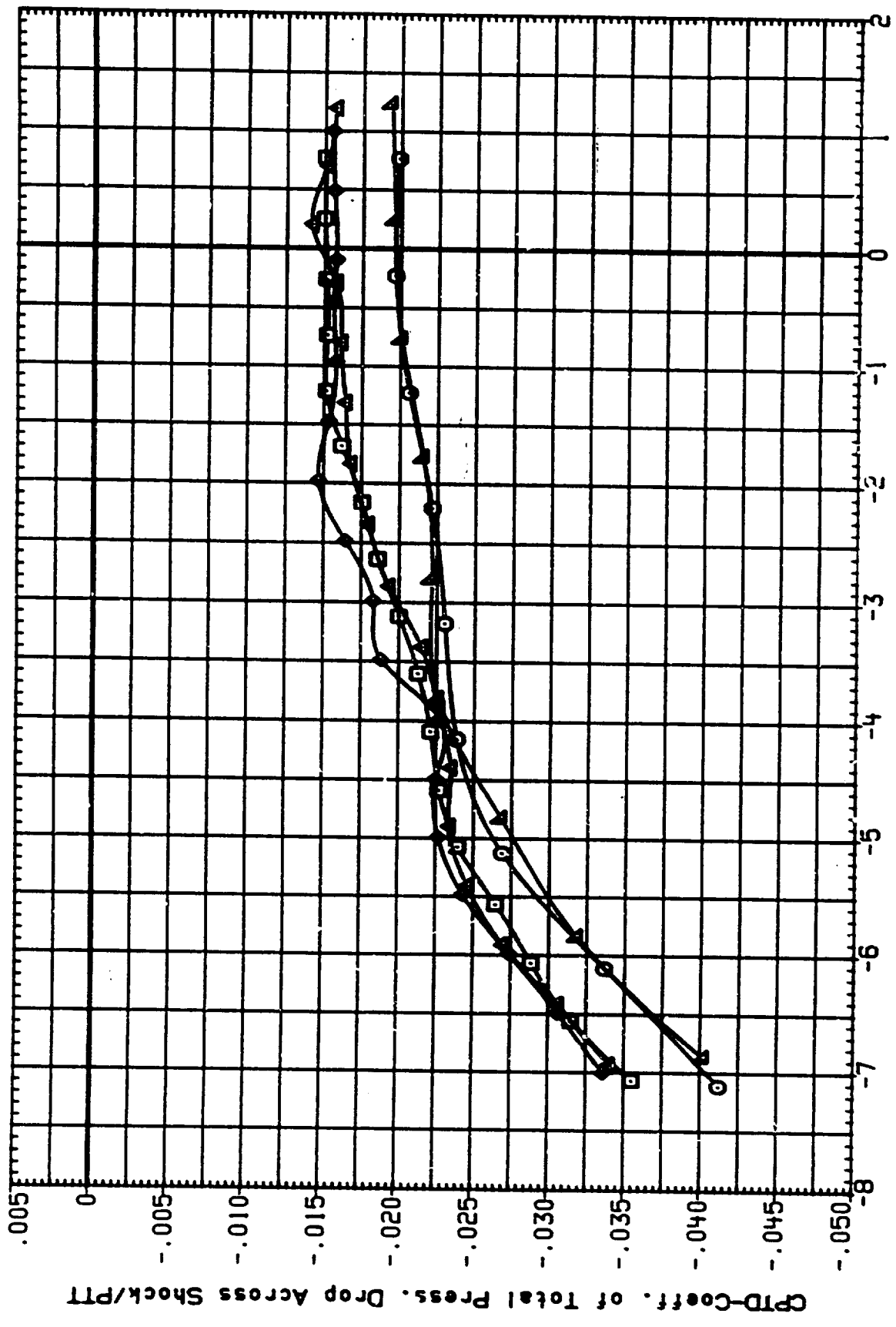


FIG. 1 AADS PROBE CALIBRATION - TEST SERIES 4

(J)MACH = 1.52

DATE 22 OCT 91

DATA SET SYMBOL

TCH042
TCH045
TCH049
TCH053
TCH056

IA310 (AEDC 161F-783) PROBE CALIBRATION
IA310 (AEDC 161F-783) PROBE CALIBRATION
IA310 (AEDC 161F-783) PROBE CALIBRATION
IA310 (AEDC 161F-783) PROBE CALIBRATION

BETA PHI
-4.000 180.000
-2.000 180.000
.000 180.000
2.000 180.000
4.000 180.000

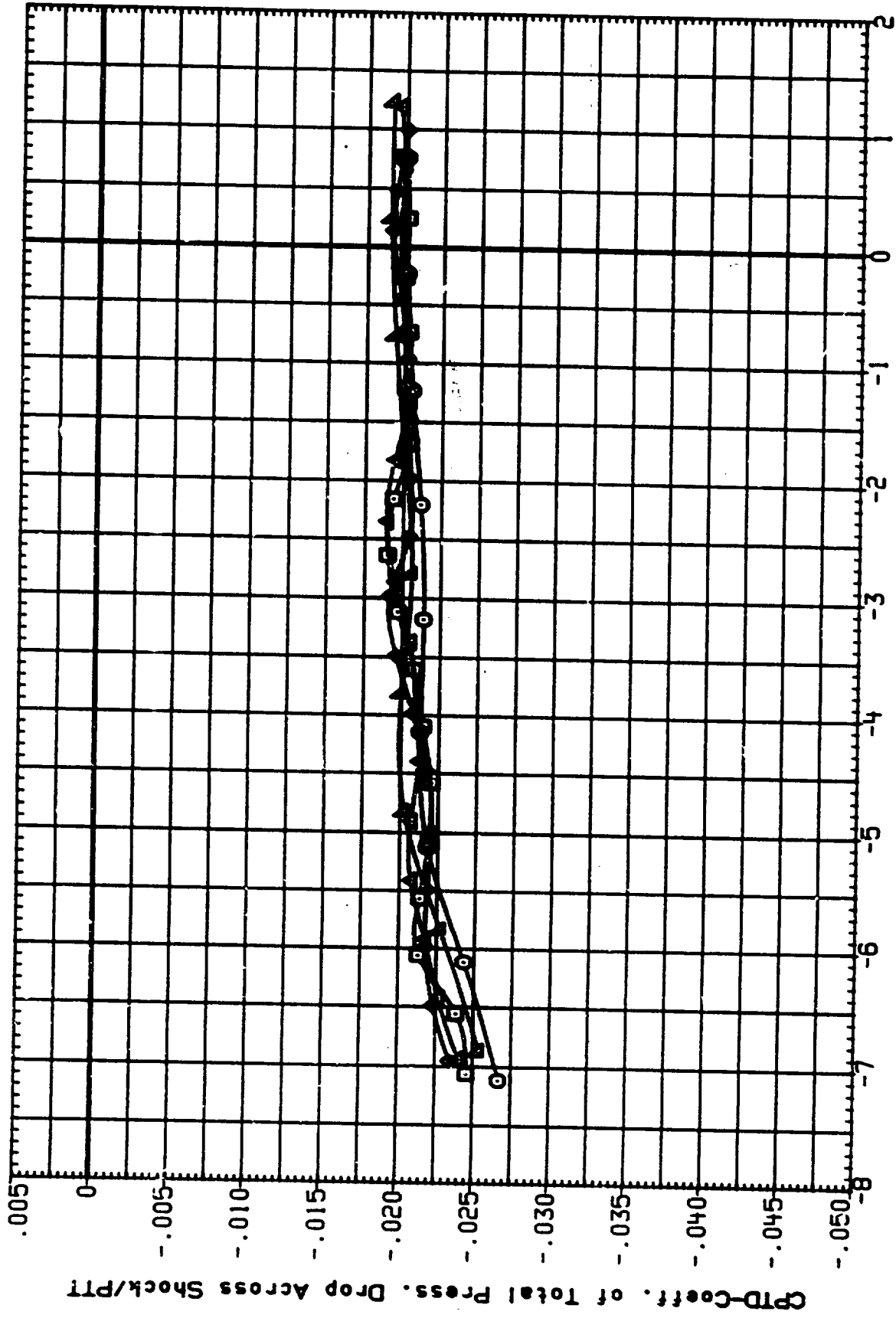


FIG. 1 AADS PROBE CALIBRATION - TEST SERIES 4

(K)MACH = 1.54

DATE 22 OCT 91

DATA SET SYMBOL

TCR042
TCR045
TCR048
TCR053
TCR056

CONFIGURATION

IA310 (AEDC 161F-783) PROBE CALIBRATION
IA310 (AEDC 161F-783) PROBE CALIBRATION
IA310 (AEDC 161F-783) PROBE CALIBRATION
IA310 (AEDC 161F-783) PROBE CALIBRATION
IA310 (AEDC 161F-783) PROBE CALIBRATION

BETA PHI

-4.000 180.000
-2.000 180.000
.000 180.000
2.000 180.000
4.000 180.000

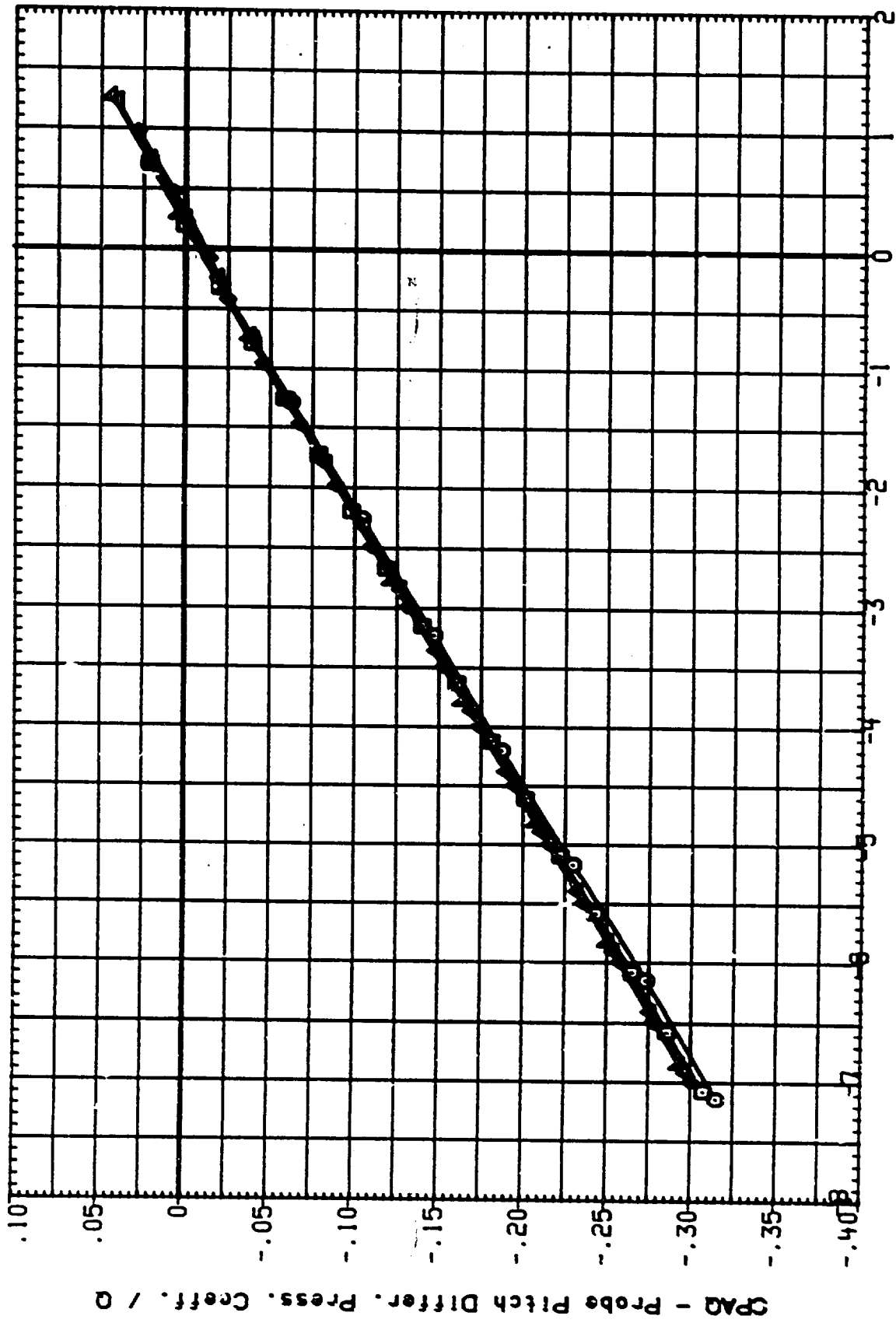


FIG. 1 AADS PROBE CALIBRATION - TEST SERIES 4

(A) MACH = .60

DATE 22 OCT 91

DATA SET SYMBOL

- TCH042
- TCH045
- TCH548
- TCH053
- TCH056

CONFIGURATION

- IA310 (AEOC 16TF-783) PROBE CALIBRATION
- IA310 (AEOC 16TF-783) PROBE CALIBRATION
- IA310 (AEOC 16TF-783) PROBE CALIBRATION
- IA310 (AEOC 16TF-783) PROBE CALIBRATION
- IA310 (AEOC 16TF-783) PROBE CALIBRATION

- BETA
 - 4.000
 - 2.000
 - 2.000
 - 4.000
- PHI
 - 180.000
 - 180.000
 - 180.000
 - 180.000

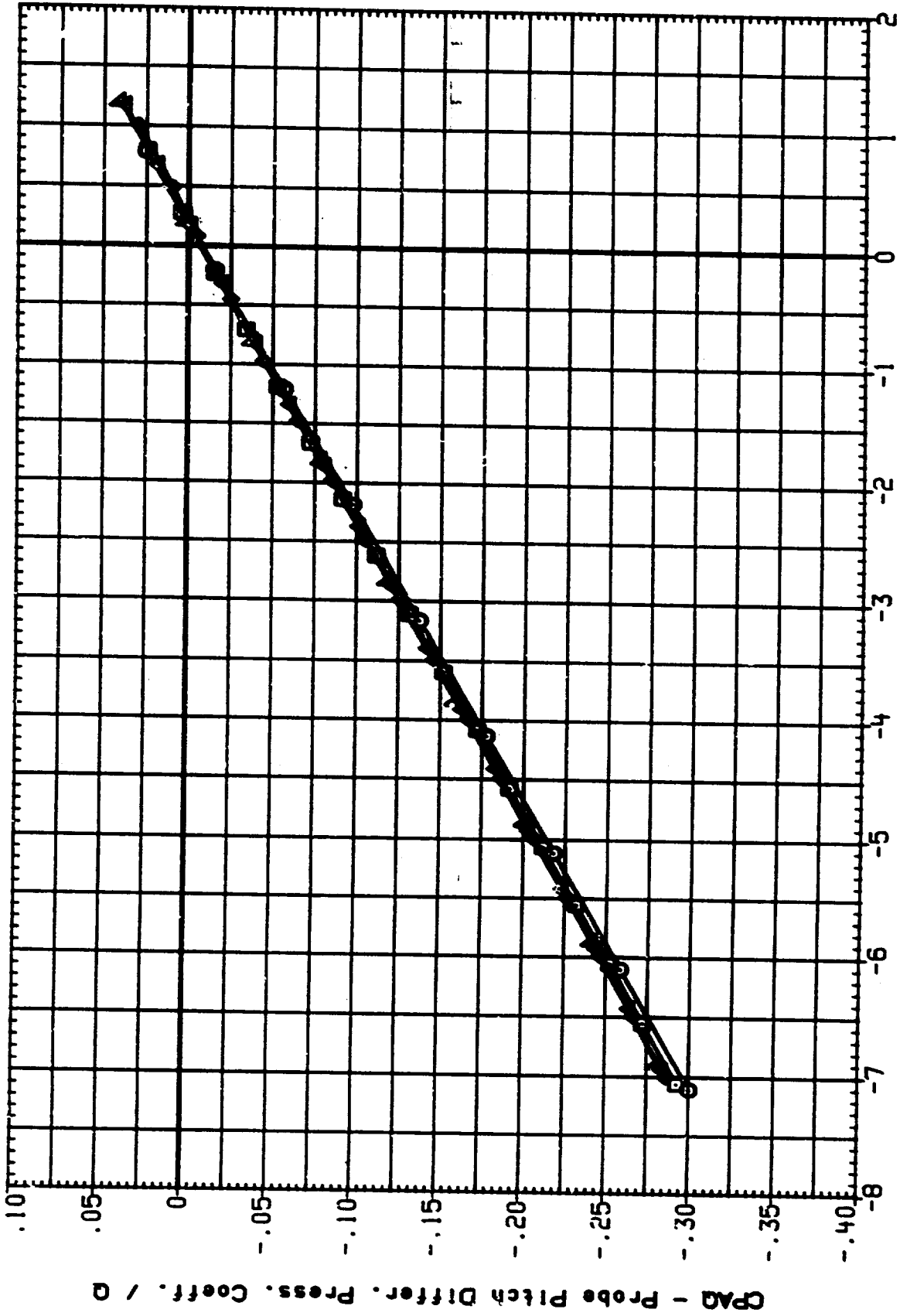


FIG. 1 AADS PROBE CALIBRATION - TEST SERIES 4

(B)MACH = .80

DATE 22 OCT 91

TA SET SYMBOL	CONFIGURATION	TA	PHI
CM042	IA310 (AEDC 161F-783) PROBE CALIBRATION	1.000	180.000
ICM045	IA310 (AEDC 161F-783) PROBE CALIBRATION	-2.000	180.000
TCM048	IA310 (AEDC 161F-783) PROBE CALIBRATION	2.000	180.000
TCM053	IA310 (AEDC 161F-783) PROBE CALIBRATION	4.000	180.000
TCM056	IA310 (AEDC 161F-783) PROBE CALIBRATION		

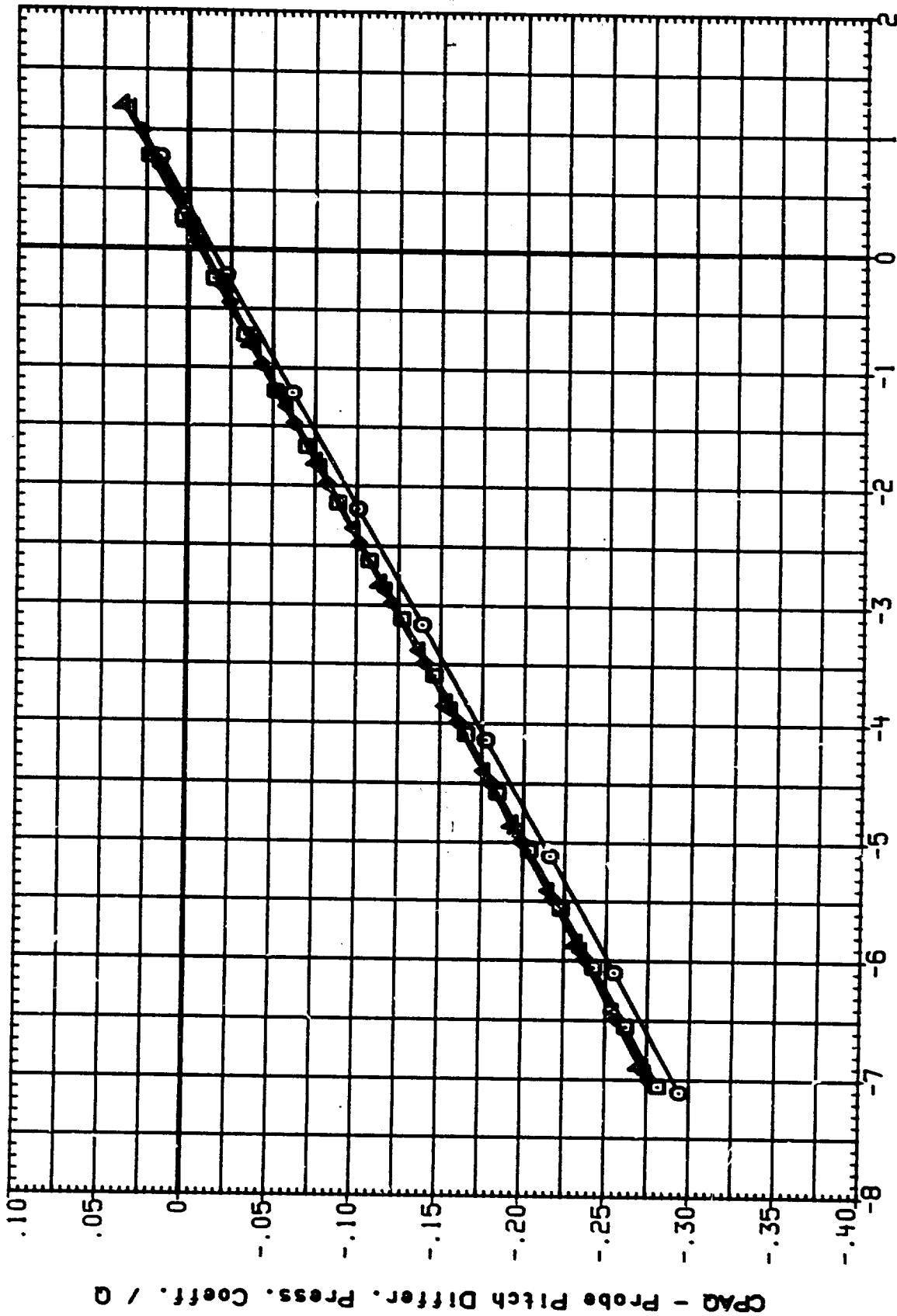


FIG. 1 AADS PROBE CALIBRATION - TEST SERIES 4

(C)MACH = .90

DATE 22 OCT 91

DATA SET SYMBOL
 TCH042
 TCH045
 TCH048
 TCH053
 TCH056

CONFIGURATION
 IA310 (AEDC 161F-783) PROBE CALIBRATION
 IA310 (AEDC 161F-783) PROBE CALIBRATION
 IA310 (AEDC 161F-783) PROBE CALIBRATION
 IA310 (AEDC 161F-783) PROBE CALIBRATION

BETA PHI
 -4.000 180.000
 -2.000 180.000
 .000 180.000
 2.000 180.000
 4.000 180.000

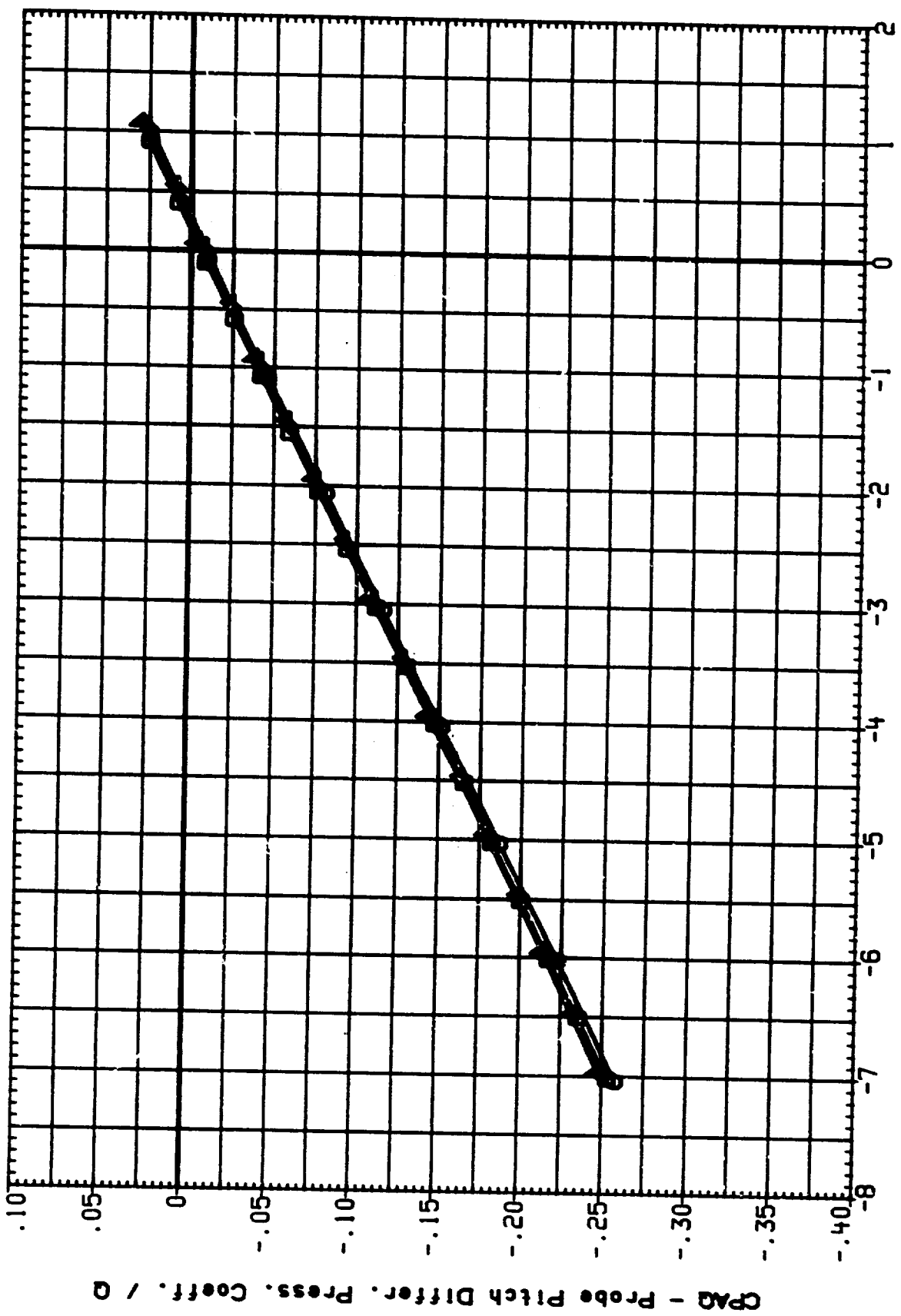


FIG. 1 AADS PROBE CALIBRATION - TEST SERIES 4

(D)MACH = 1.10

DATE 22 OCT 91

DATA SET SYMBOL
 CH042
 CH045
 TCH048
 TCH053
 TCH056

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

ETA PHI
 4.000 180.000
 -2.000 180.000
 .000 180.000
 2.000 180.000
 4.000 180.000

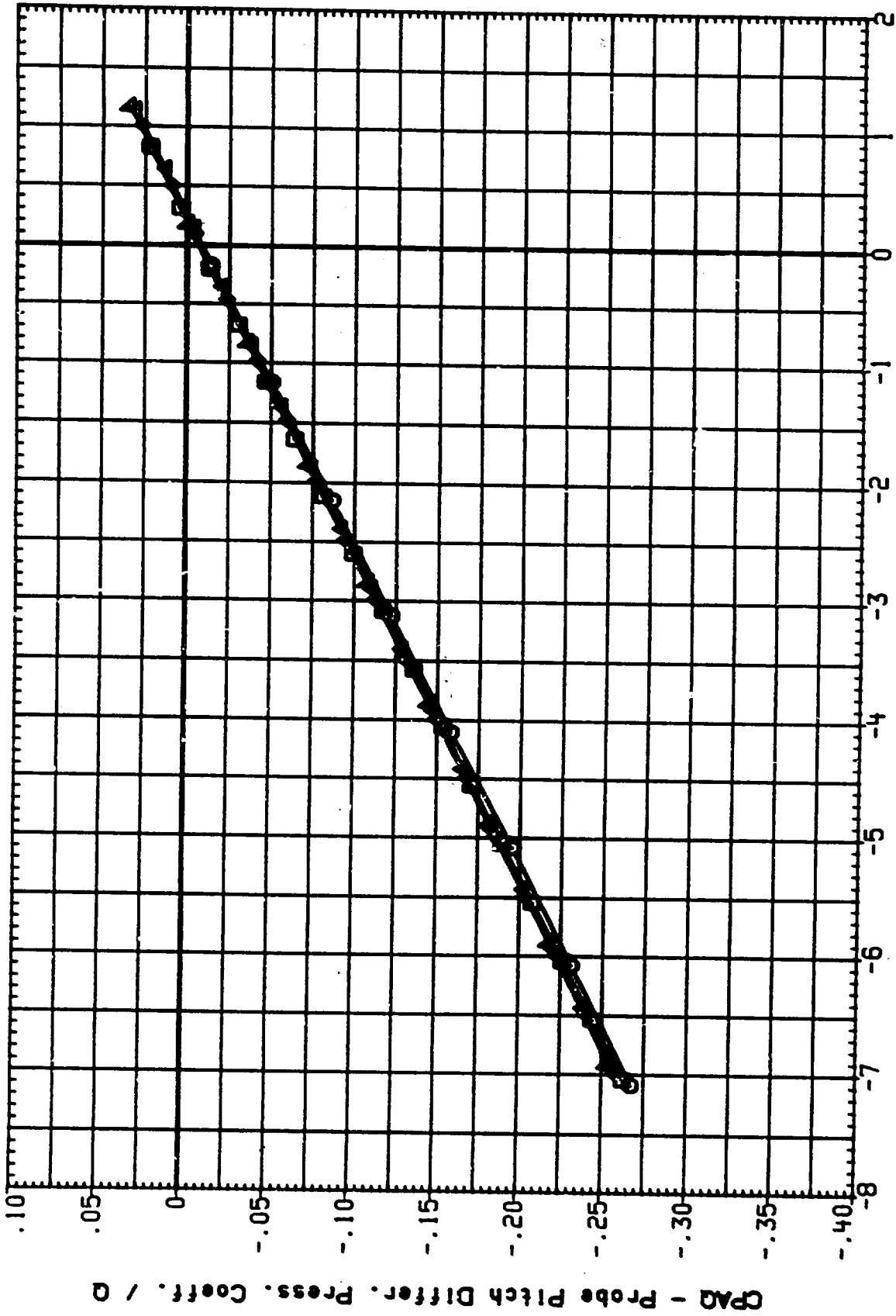


FIG. 1 AADS PROBE CALIBRATION - TEST SERIES 4

(E)MACH = 1.25

DATE 22 OCT 91

DATA SET SYMBOL

TCH42
TCH45
TCH49
TCH53
TCH56

□
○
△

CONFIGURATION

IA310 (AEDC 161F-783) PROBE CALIBRATION
IA310 (AEDC 161F-783) PROBE CALIBRATION
IA310 (AEDC 161F-783) PROBE CALIBRATION
IA310 (AEDC 161F-783) PROBE CALIBRATION

BETA PHI
-4.000 180.000
-2.000 180.000
2.000 180.000
4.000 180.000

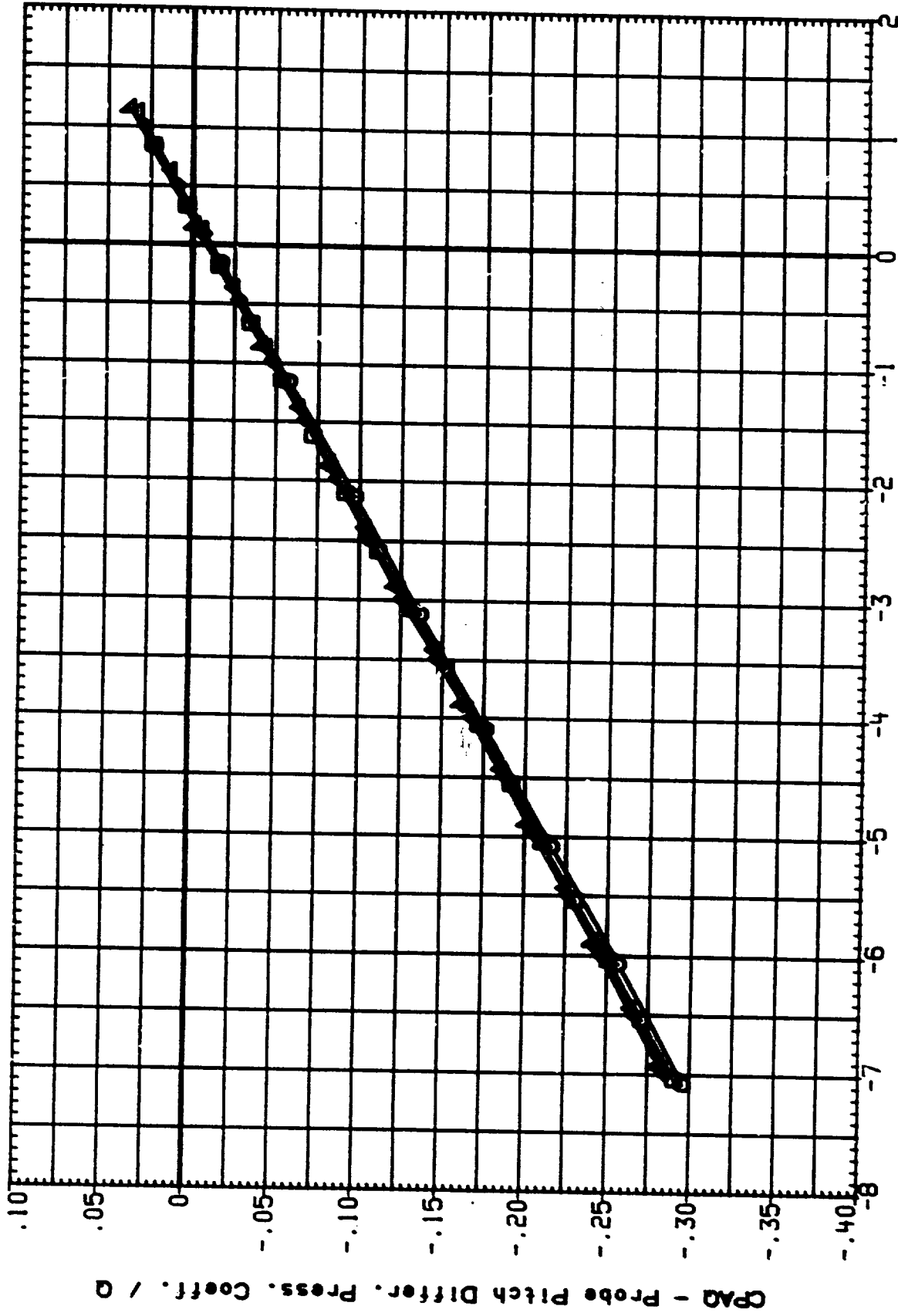


FIG. 1 AADS PROBE CALIBRATION - TEST SERIES 4

(F)MACH = 1.40

DATE 22 OCT 91

ATA SET SYMBOL CONFIGURATION ETA PHI

TCM02	IA310 (AEDC 161F-783) PROBE CALIBRATION	-4.000	180.000
TCM03	IA310 (AEDC 161F-783) PROBE CALIBRATION	-2.000	180.000
TCM04	IA310 (AEDC 161F-783) PROBE CALIBRATION	0.000	180.000
TCM05	IA310 (AEDC 161F-783) PROBE CALIBRATION	2.000	180.000
TCM06	IA310 (AEDC 161F-783) PROBE CALIBRATION	4.000	180.000

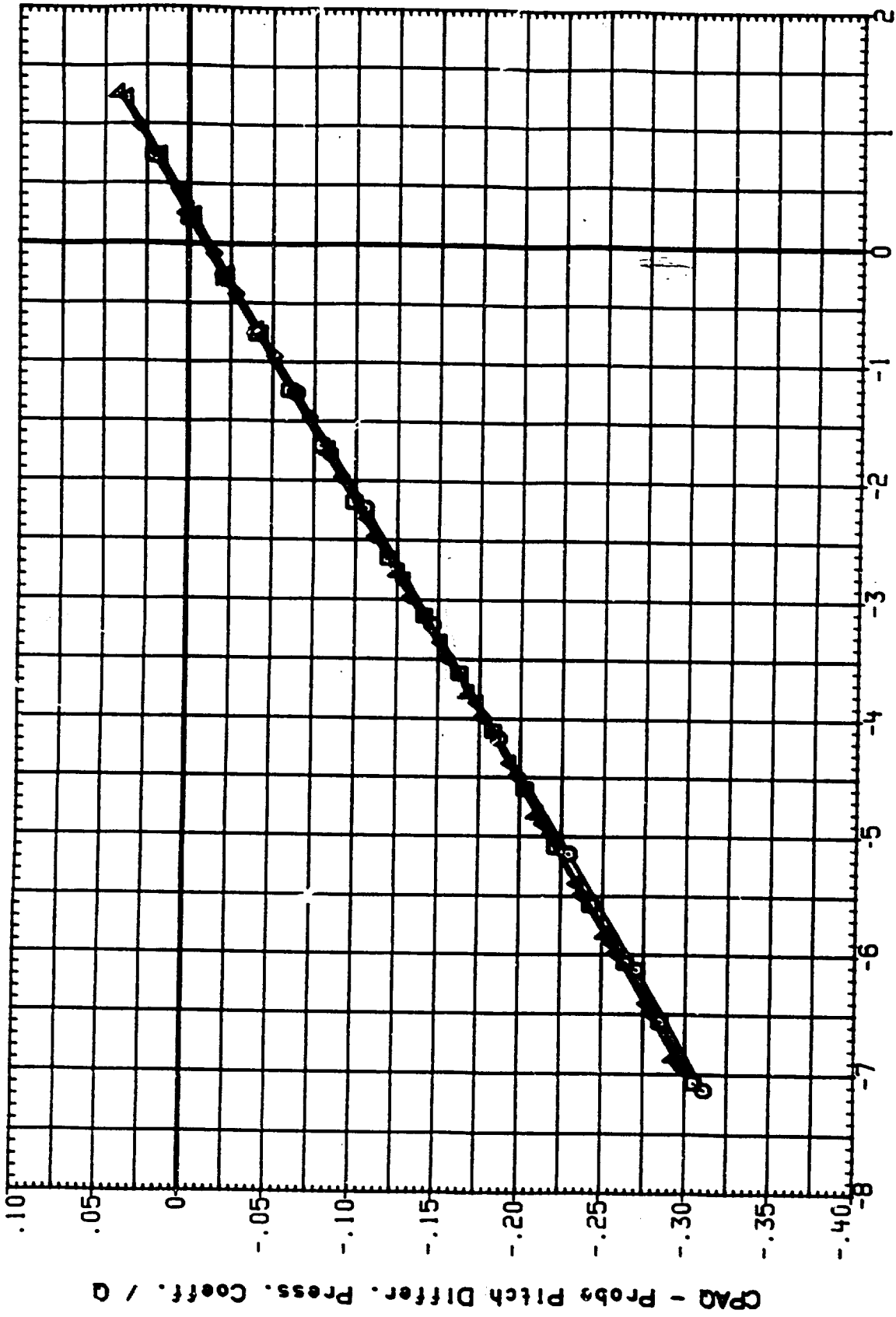


FIG. 1 AADS PROBE CALIBRATION - TEST SERIES 4

(G)MACH = 1.45

DATE 22 OCT 91

DATA SET SYMBOL

TCH042
 TCH045
 TCH048
 TCH053
 TCH056

□
 ◇
 △

CONFIGURATION

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

BETA PHI
 -4.000 160.000
 -2.000 160.000
 .000 160.000
 2.000 160.000
 4.000 160.000

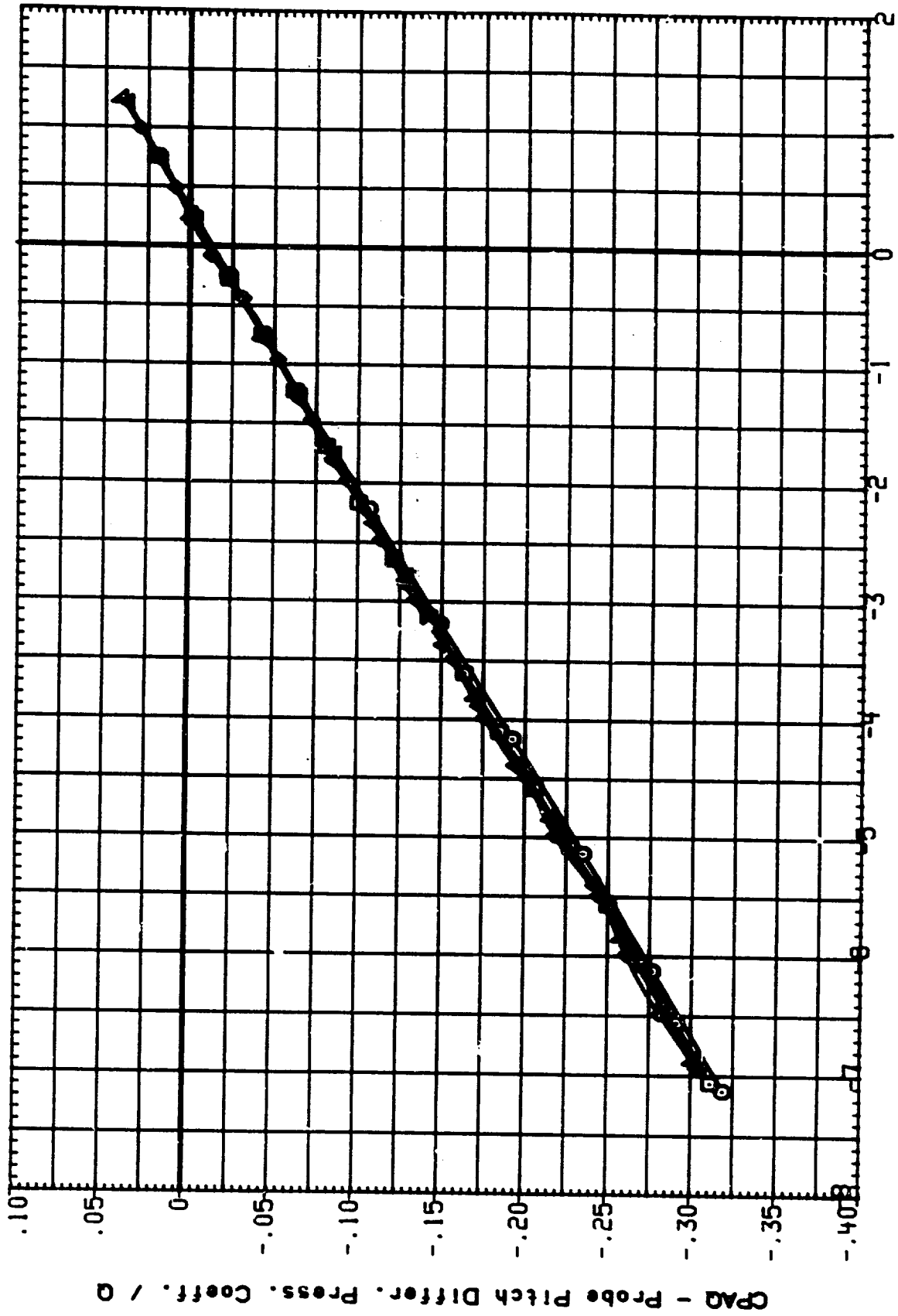


FIG. 1 AADS PROBE CALIBRATION - TEST SERIES 4

TA SET SYMBOL
 H0N2
 CH0N5
 TCH0N9
 TCH0N3
 TCH0N6

CONFIGURATION
 IA310 (AEDC 161F-783) PROBE CALIBRATION
 IA310 (AEDC 161F-783) PROBE CALIBRATION
 IA310 (AEDC 161F-783) PROBE CALIBRATION
 IA310 (AEDC 161F-783) PROBE CALIBRATION

TA PHI
 .000 180.000
 -2.000 180.000
 2.000 180.000
 4.000 180.000

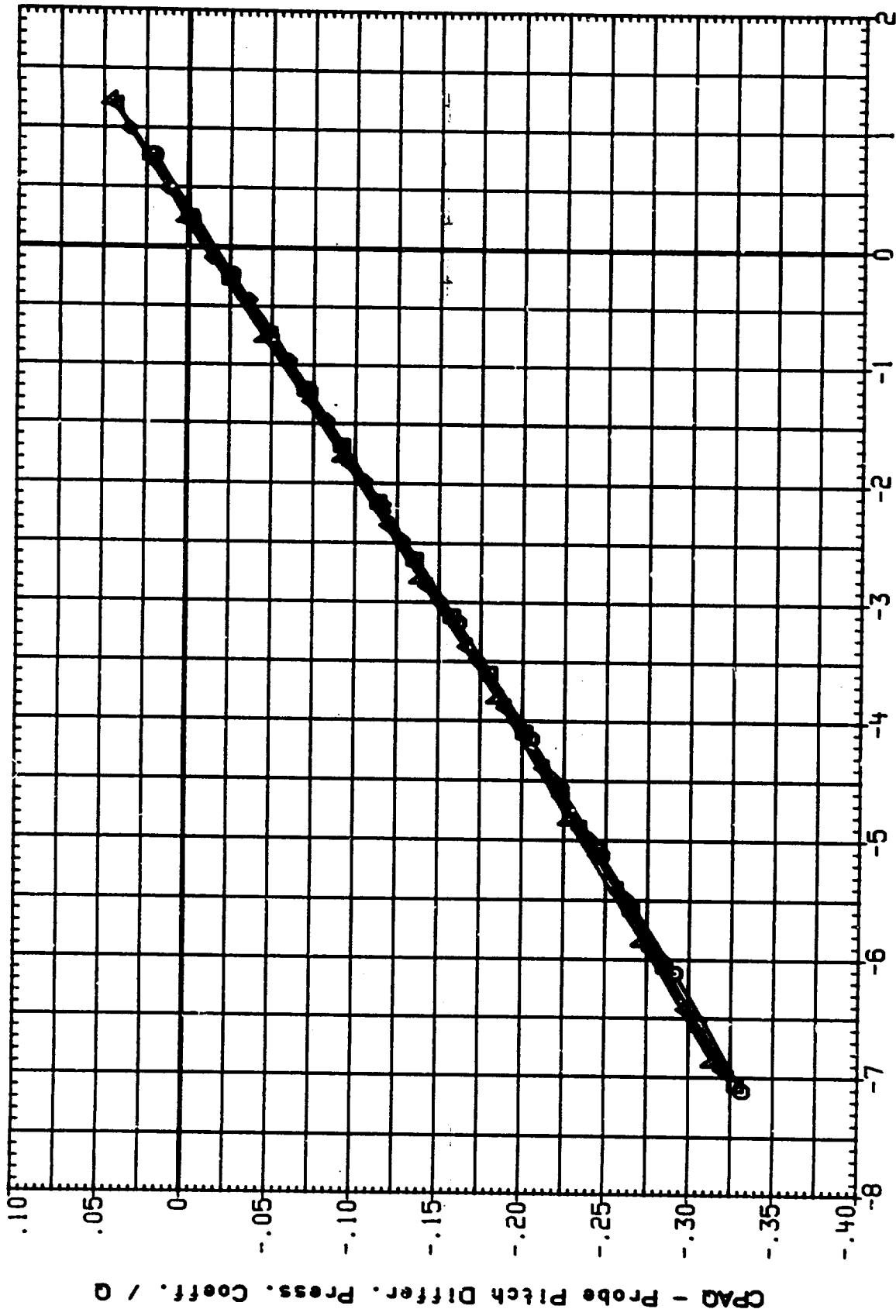


FIG. 1 AADS PROBE CALIBRATION - TEST SERIES 4

(1) MACH = 1.49

DATE 22 OCT 91

DATA SET SYMBOL
 TCM042
 TCM045
 TCM048
 TCM053
 TCM056

IA310 (AEDC 161F-783) PROBE CALIBRATION
 IA310 (AEDC 161F-783) PROBE CALIBRATION
 IA310 (AEDC 161F-783) PROBE CALIBRATION
 IA310 (AEDC 161F-783) PROBE CALIBRATION

BETA PHI
 -4.000 180.000
 -2.000 180.000
 .000 180.000
 2.000 180.000
 4.000 180.000

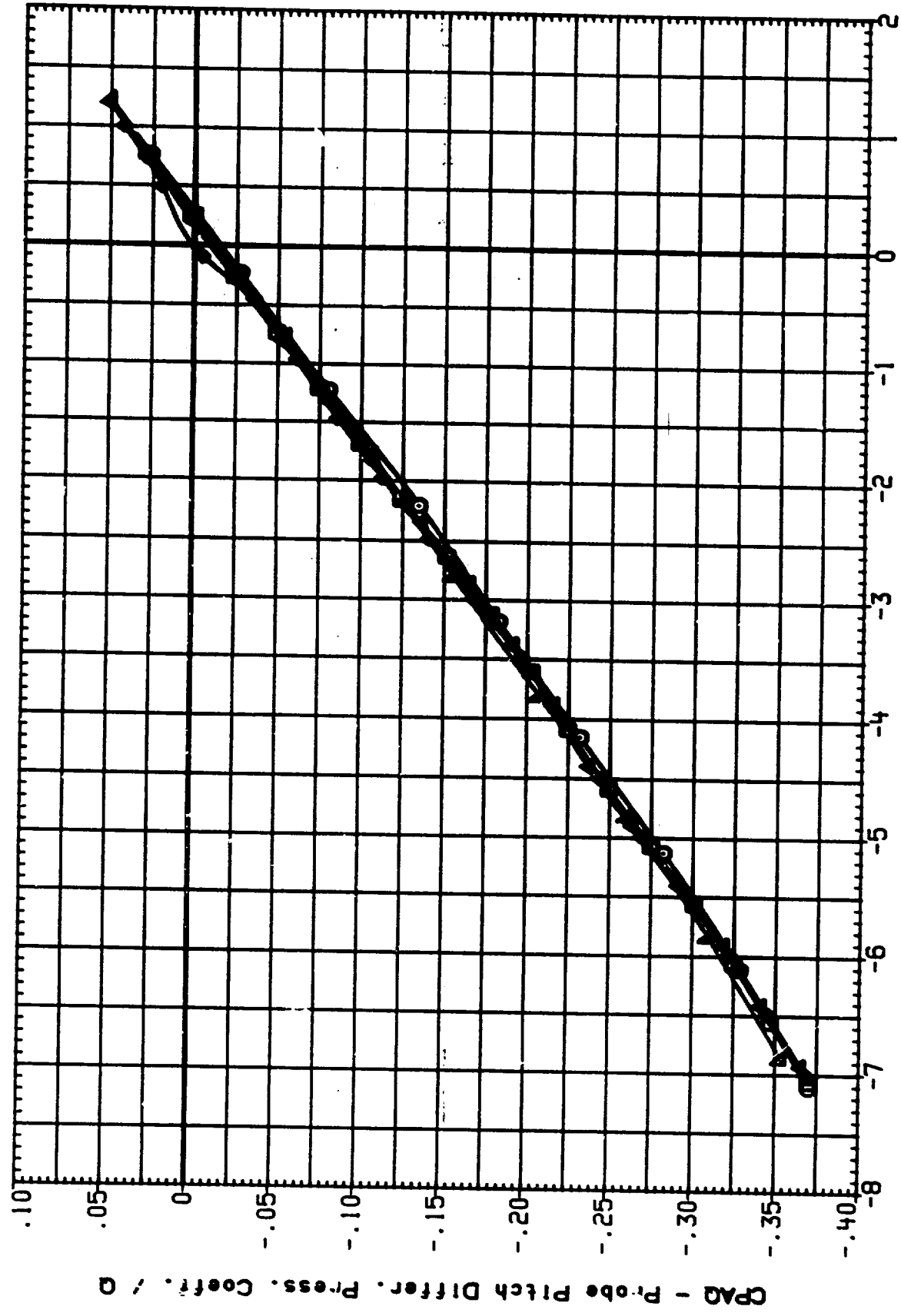


FIG. 1 AADS PROBE CALIBRATION - TEST SERIES 4

TA SET SYMBOL	CONFIGURATION	TA	PHI
MO42	IA310 (AEDC 161F-783) PROBE CALIBRATION	.000	180.000
CH045	IA310 (AEDC 161F-783) PROBE CALIBRATION	-2.000	180.000
TCM519	IA310 (AEDC 161F-783) PROBE CALIBRATION	.000	180.000
TCM533	IA310 (AEDC 161F-783) PROBE CALIBRATION	2.000	180.000
TCM556	IA310 (AEDC 161F-783) PROBE CALIBRATION	4.000	180.000

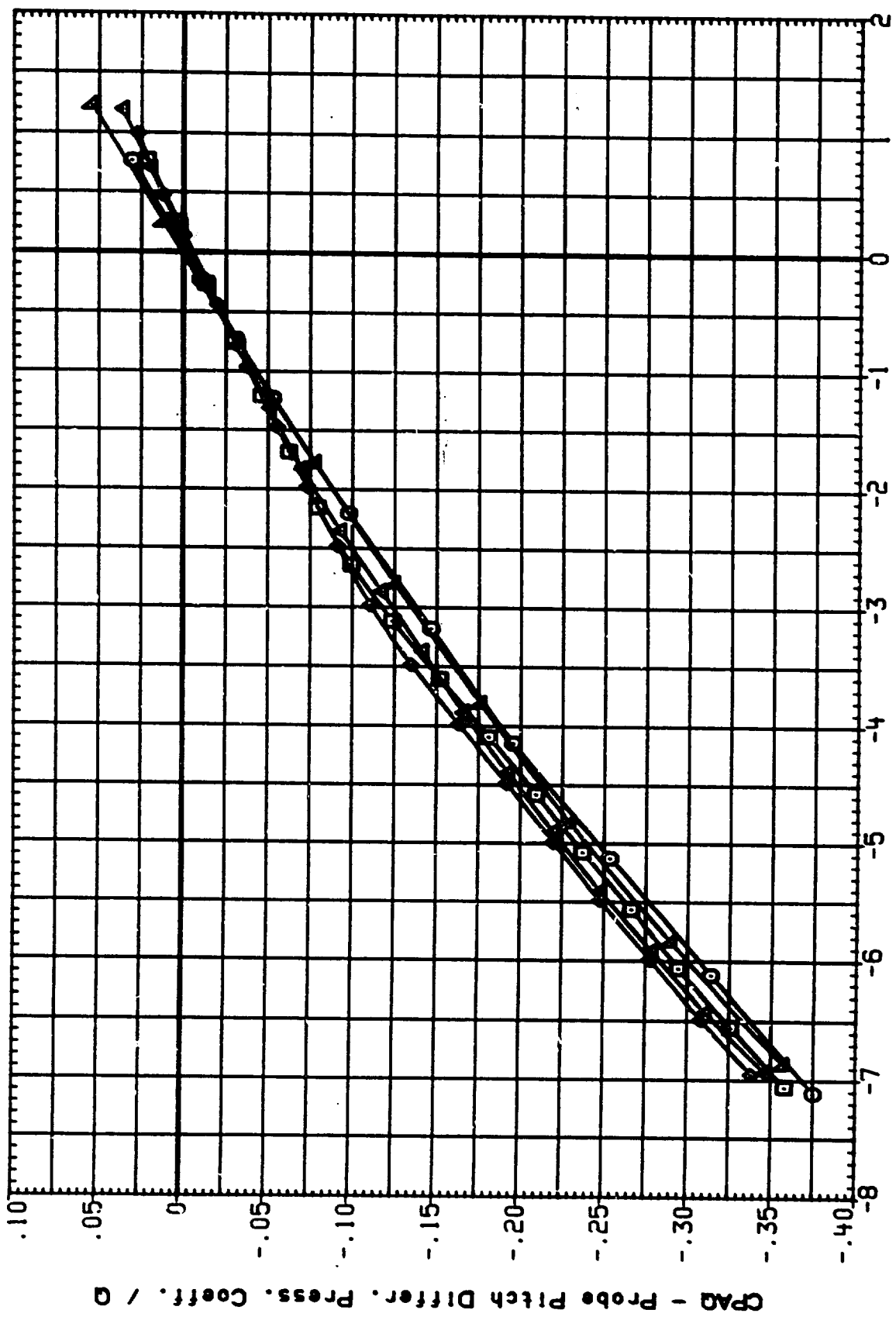


FIG. 1 AADS PROBE CALIBRATION - TEST SERIES 4

(K)MACH = 1.54

DATE 22 OCT 91

DATA SET SYMBOL

TCH042
TCH045
TCH049
TCH053
TCH056

□
◇
△

CONFIGURATION

IA310 (AEDC 161F-783) PROBE CALIBRATION
IA310 (AEDC 161F-783) PROBE CALIBRATION
IA310 (AEDC 161F-783) PROBE CALIBRATION
IA310 (AEDC 161F-783) PROBE CALIBRATION
IA310 (AEDC 161F-783) PROBE CALIBRATION

BETA PHI

-4.000 160.000
-2.000 160.000
.000 160.000
2.000 160.000
4.000 160.000

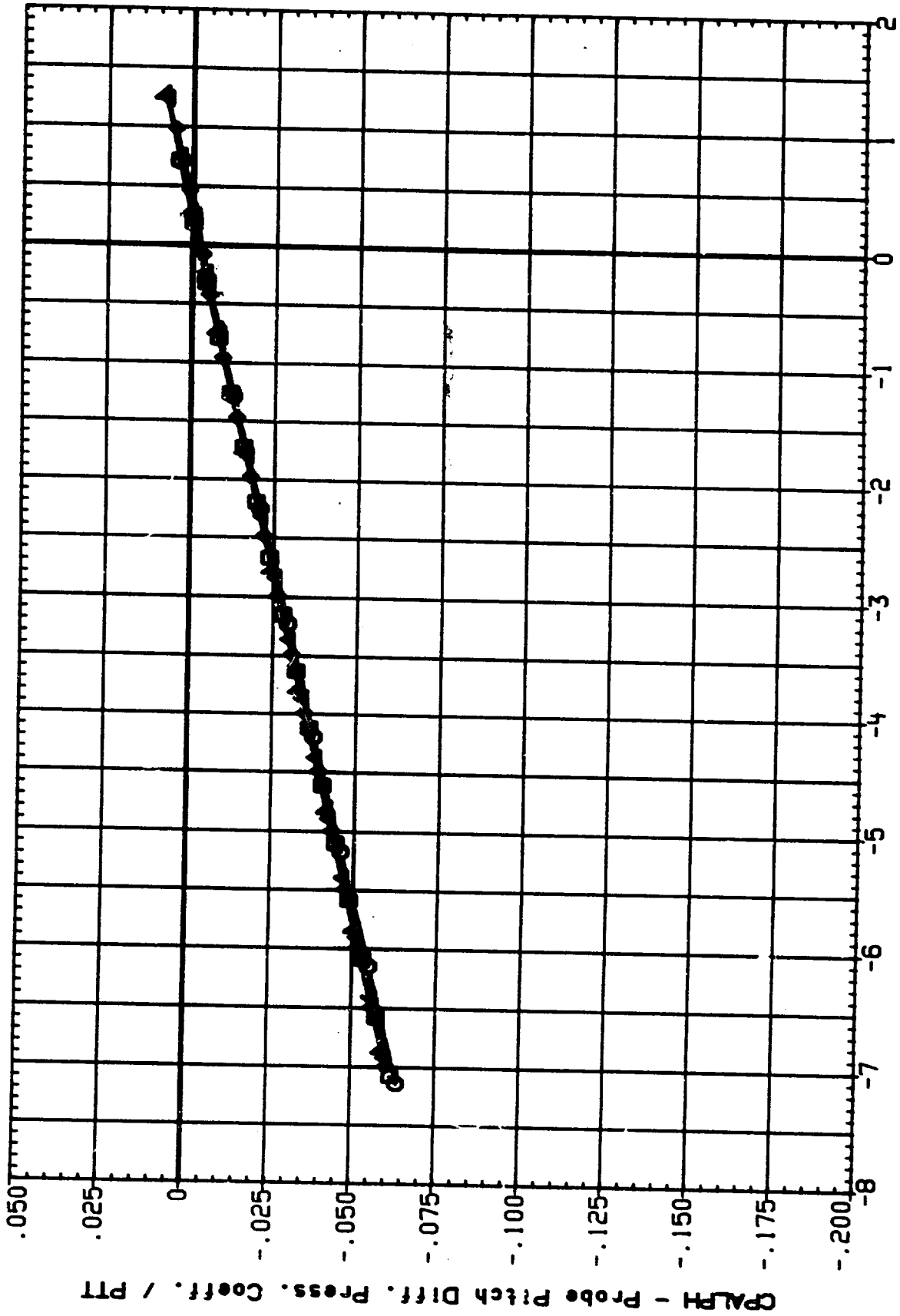


FIG. 1 AADS PROBE CALIBRATION - TEST SERIES 4

(A) MACH = .60

DATE 22 OCT 91

'A SE' SYMBOL
 1042
 1045
 1048
 1051
 1054

IA310 (AEDC 1B1F-783) PROBE CALIBRATION
 IA310 (AEDC 1B1F-783) PROBE CALIBRATION
 IA310 (AEDC 1B1F-783) PROBE CALIBRATION
 IA310 (AEDC 1B1F-783) PROBE CALIBRATION
 IA310 (AEDC 1B1F-783) PROBE CALIBRATION

'A PHI
 .000 180.000
 .200 180.000
 .400 180.000
 2.000 180.000
 4.000 180.000

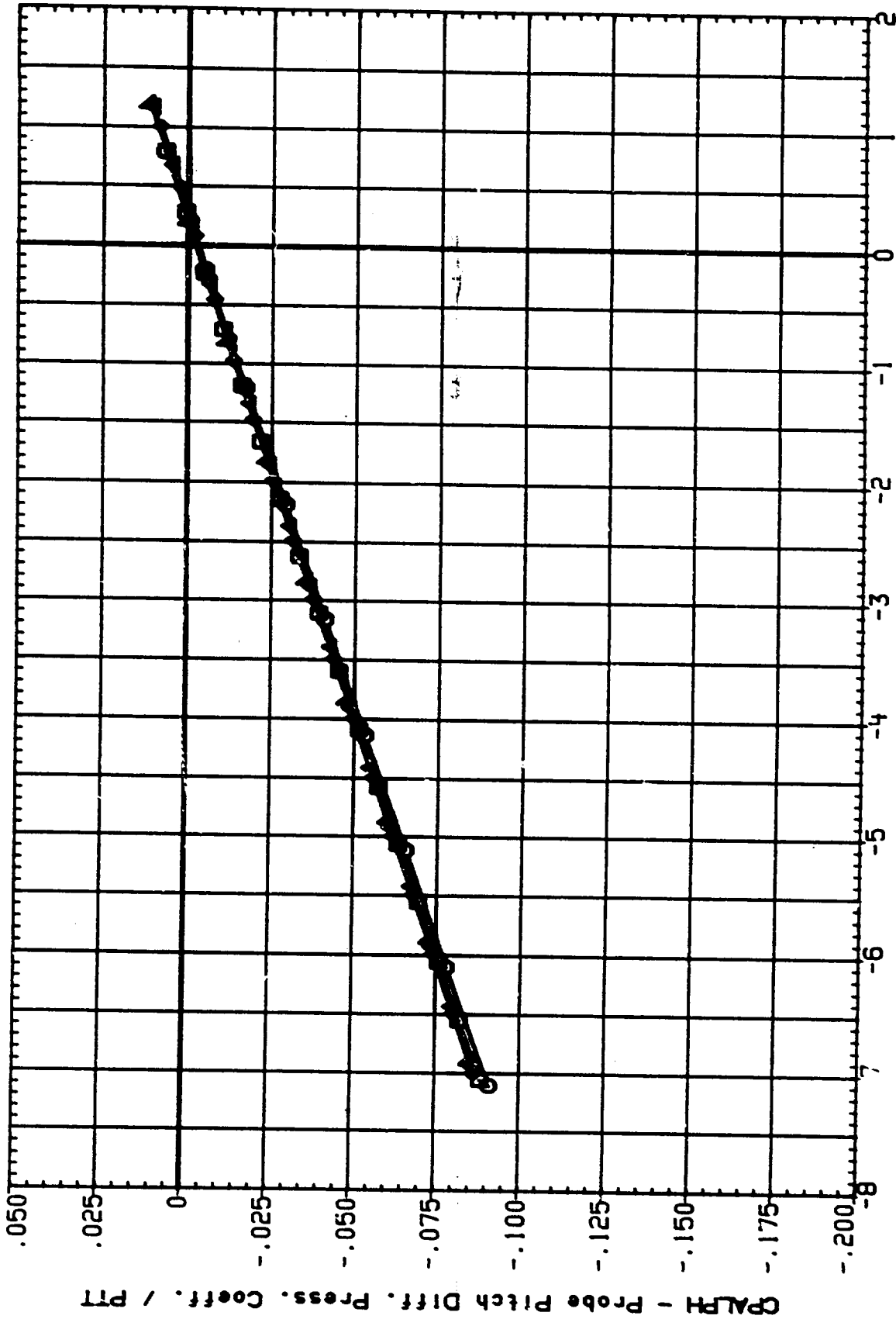


FIG. 1 AADS PROBE CALIBRATION - TEST SERIES 4

(B) MACH = .80

DATE 22 OCT 91

DATA SET SYMBOL	CONFIGURATION	BETA	PHI
TCM042	IA310 (AEDC 181F-783) PROBE CALIBRATION	-4.000	180.000
TCM045	IA310 (AEDC 161F-783) PROBE CALIBRATION	-2.000	180.000
TCM049	IA310 (AEDC 161F-783) PROBE CALIBRATION	.000	180.000
TCM053	IA310 (AEDC 181F-783) PROBE CALIBRATION	2.000	180.000
TCM056	IA310 (AEDC 181F-783) PROBE CALIBRATION	4.000	180.000

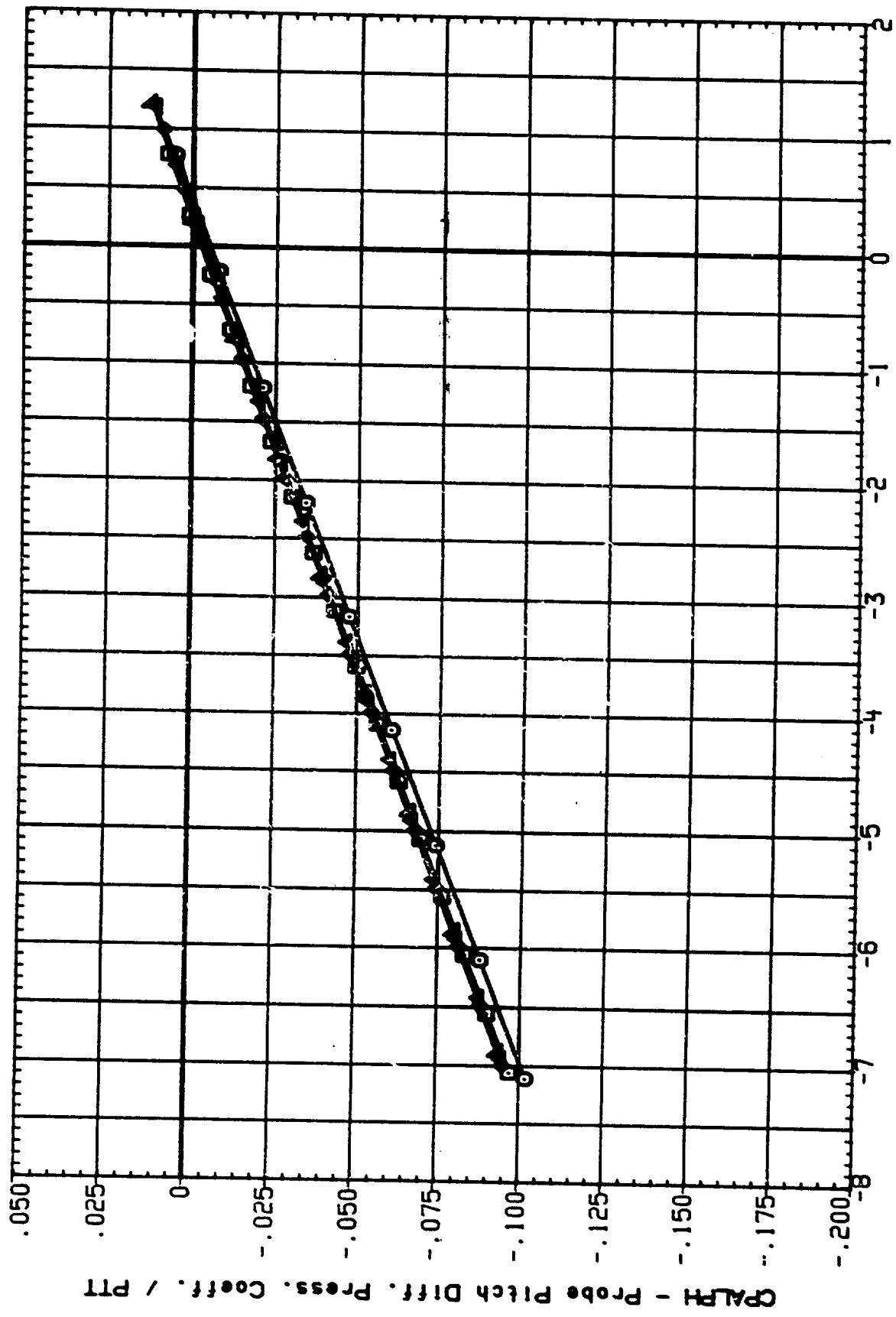


FIG. 1 AADS PROBE CALIBRATION - TEST SERIES 4

DATA SET SYMBOL

- TCM042
- TCM045
- TCM049
- TCM053
- TCM056

CONFIGURATION

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

BETA PHI

- 4.000 180.000
- 2.000 180.000
- .000 180.000
- 2.000 180.000
- 4.000 180.000

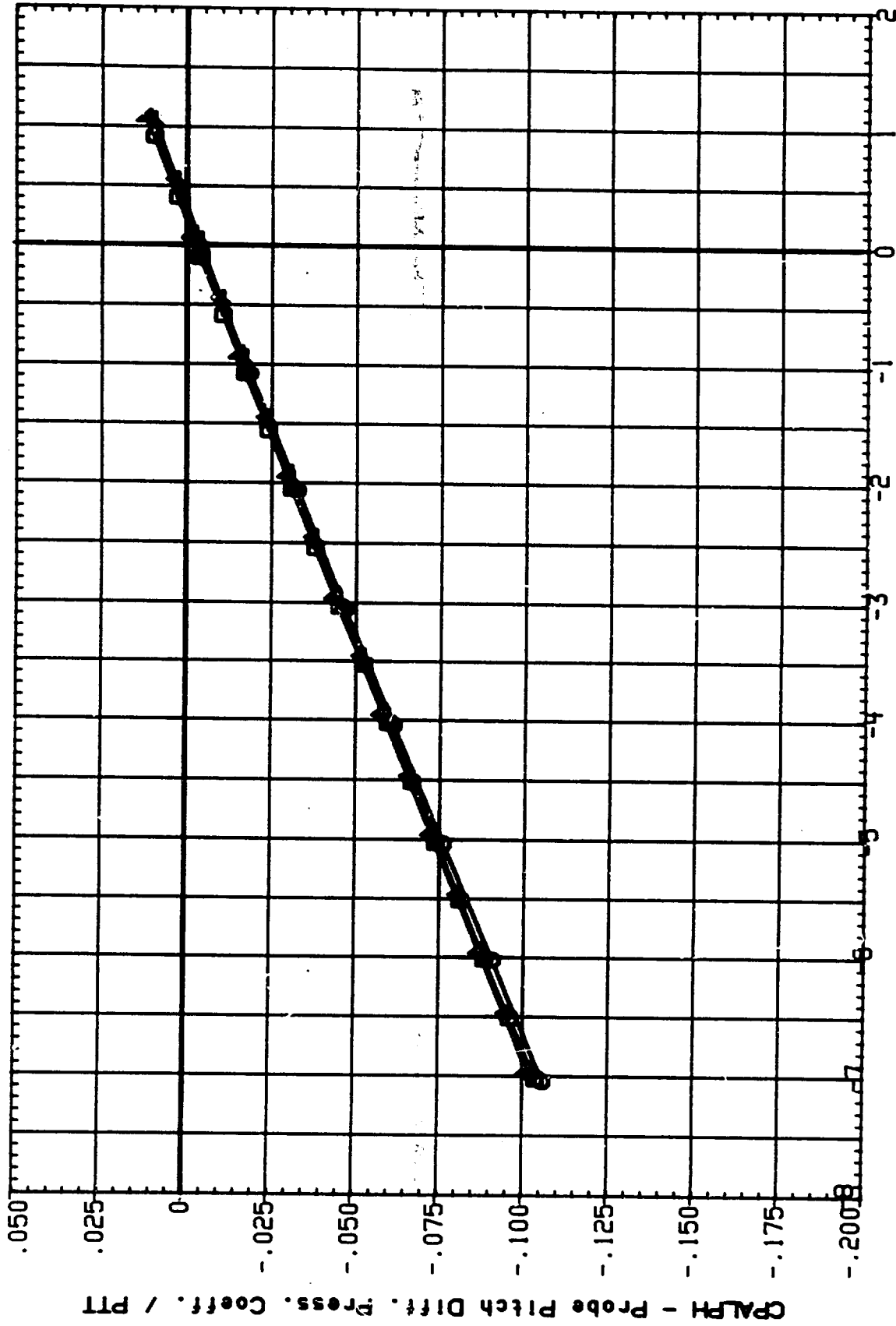


FIG. 1 AADS PROBE CALIBRATION - TEST SERIES 4

DATA SET SYMBOL

TCH042
TCH045
TCH049
TCH053
TCH058

IA310 (AEDC 161F-783) PROBE CALIBRATION
IA310 (AEDC 161F-783) PROBE CALIBRATION
IA310 (AEDC 161F-783) PROBE CALIBRATION
IA310 (AEDC 161F-783) PROBE CALIBRATION

CONFIGURATION

BETA PHI
-4.000 180.000
-2.000 180.000
2.000 180.000
4.000 180.000

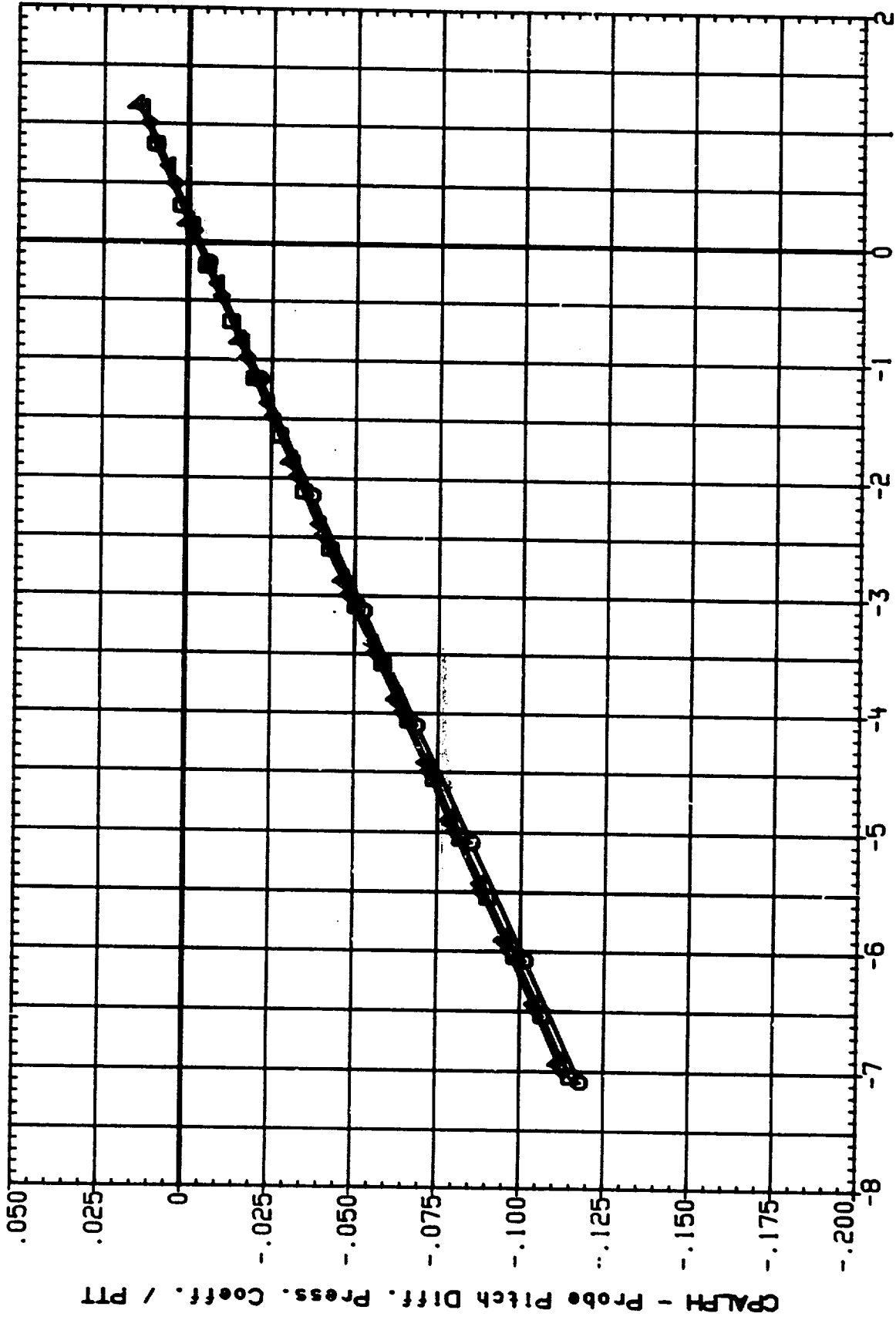


FIG. 1 AADS PROBE CALIBRATION - TEST SERIES 4

LET SYMBOL

TCM052
TCM055
TCM059
TCM053
TCM056

CONF IGURATION

IA310 (AEDC 161F-783) PROBE CALIBRATION
IA310 (AEDC 161F-733) PROBE CALIBRATION
IA310 (AEDC 161F-783) PROBE CALIBRATION
IA310 (AEDC 161F-783) PROBE CALIBRATION
IA310 (AEDC 161F-783) PROBE CALIBRATION

PHI

-4.000 180.000
-2.000 180.000
2.000 180.000
4.000 180.000

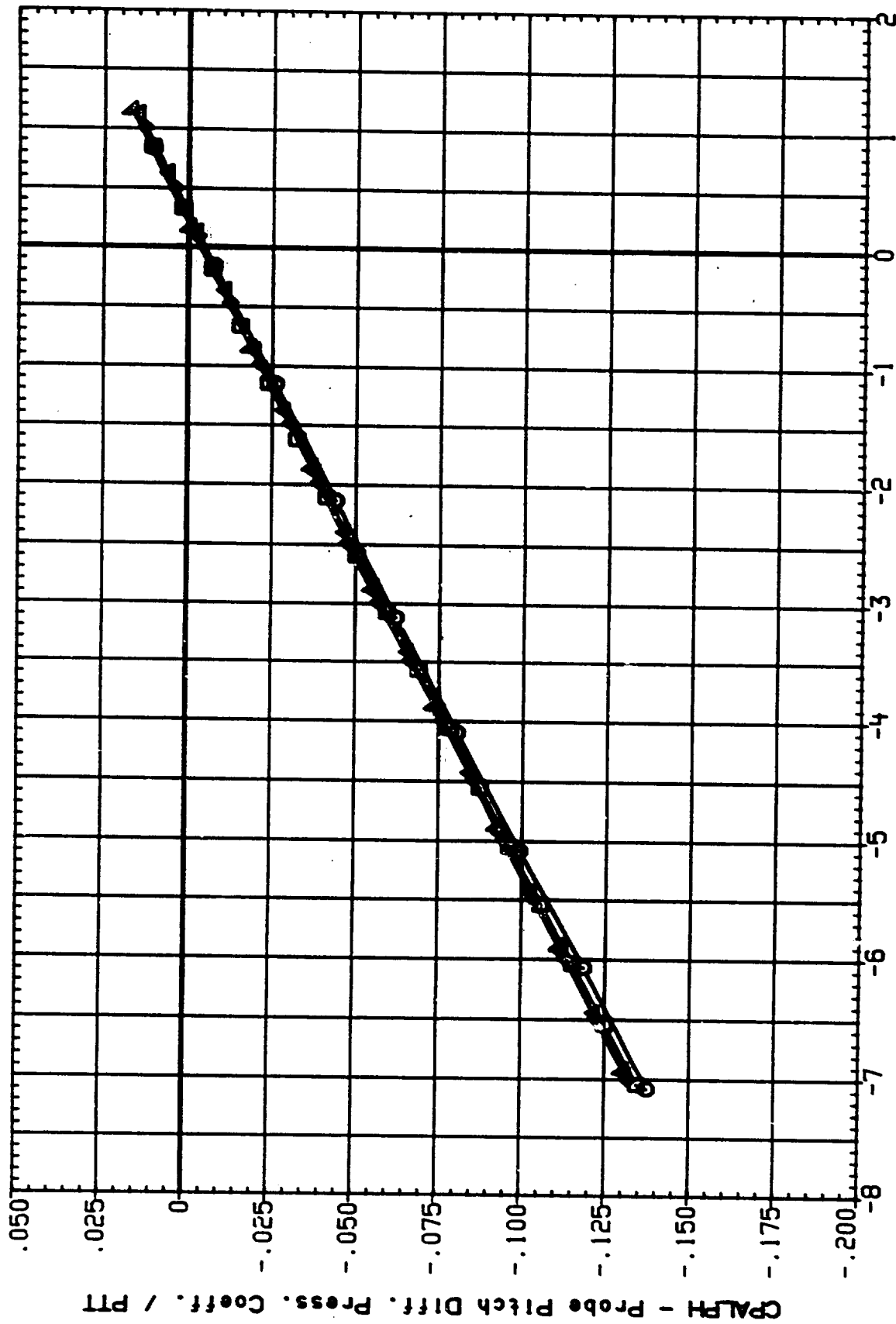


FIG. 1 AADS PROBE CALIBRATION - TEST SERIES 4

(F)MACH = 1.40

DATE 22 OCT 91

DATA SET SYMBOL

TCH042
TCH045
TCH549
TCH053
TCH056

CONFIGURATION

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

BETA PHI

-4.000 180.000
-2.000 180.000
2.000 180.000
4.000 180.000

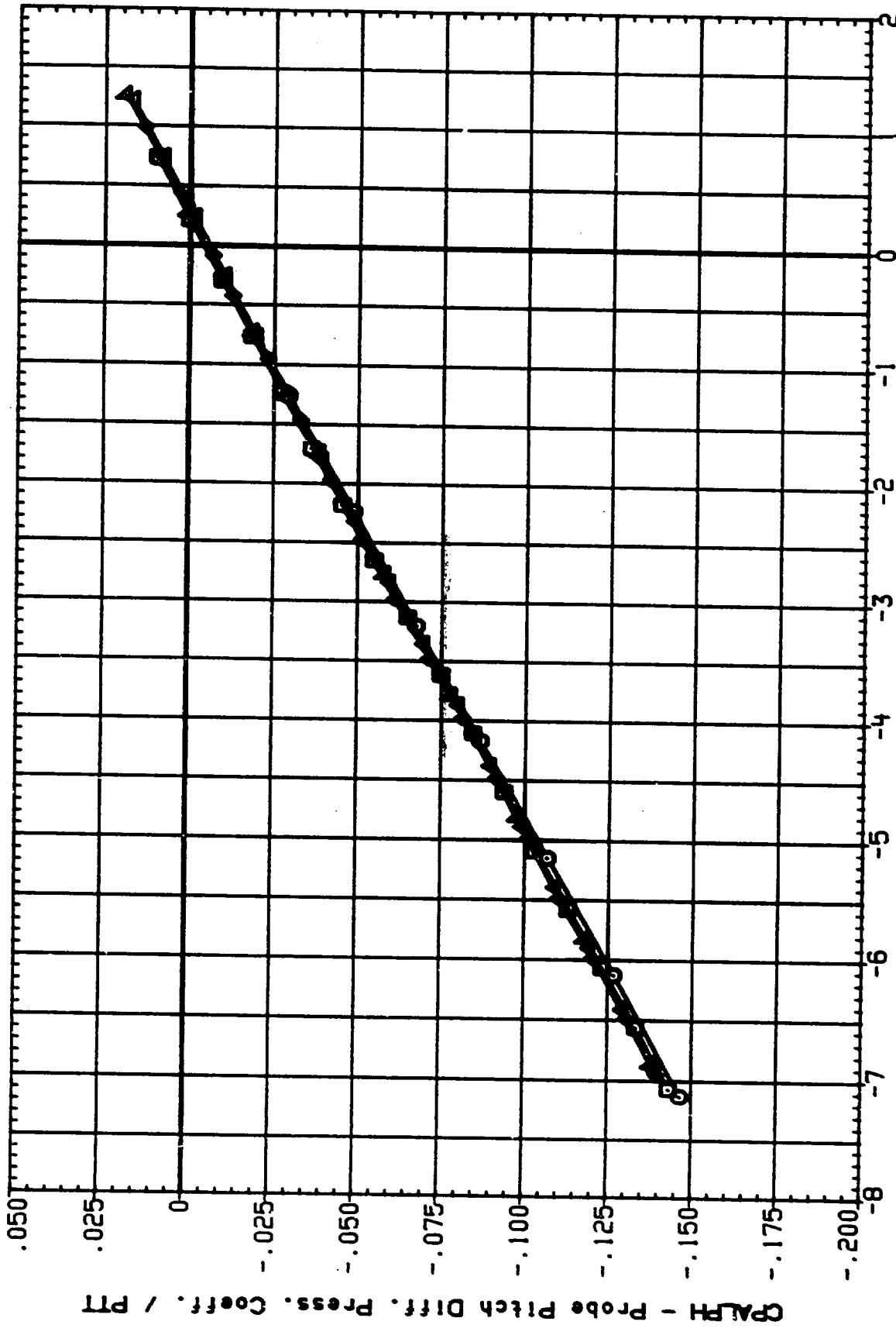


FIG. 1 AADS PROBE CALIBRATION - TEST SERIES 4

(G)MACH = 1.45

DATE 22 OCT 91

SET SYMBOL

ION2
 TCH045
 TCH049
 TCH053
 TCH055

CONFIGURATION

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

PHI

-4.000 180.000
 -2.000 180.000
 .000 180.000
 2.000 180.000
 4.000 180.000

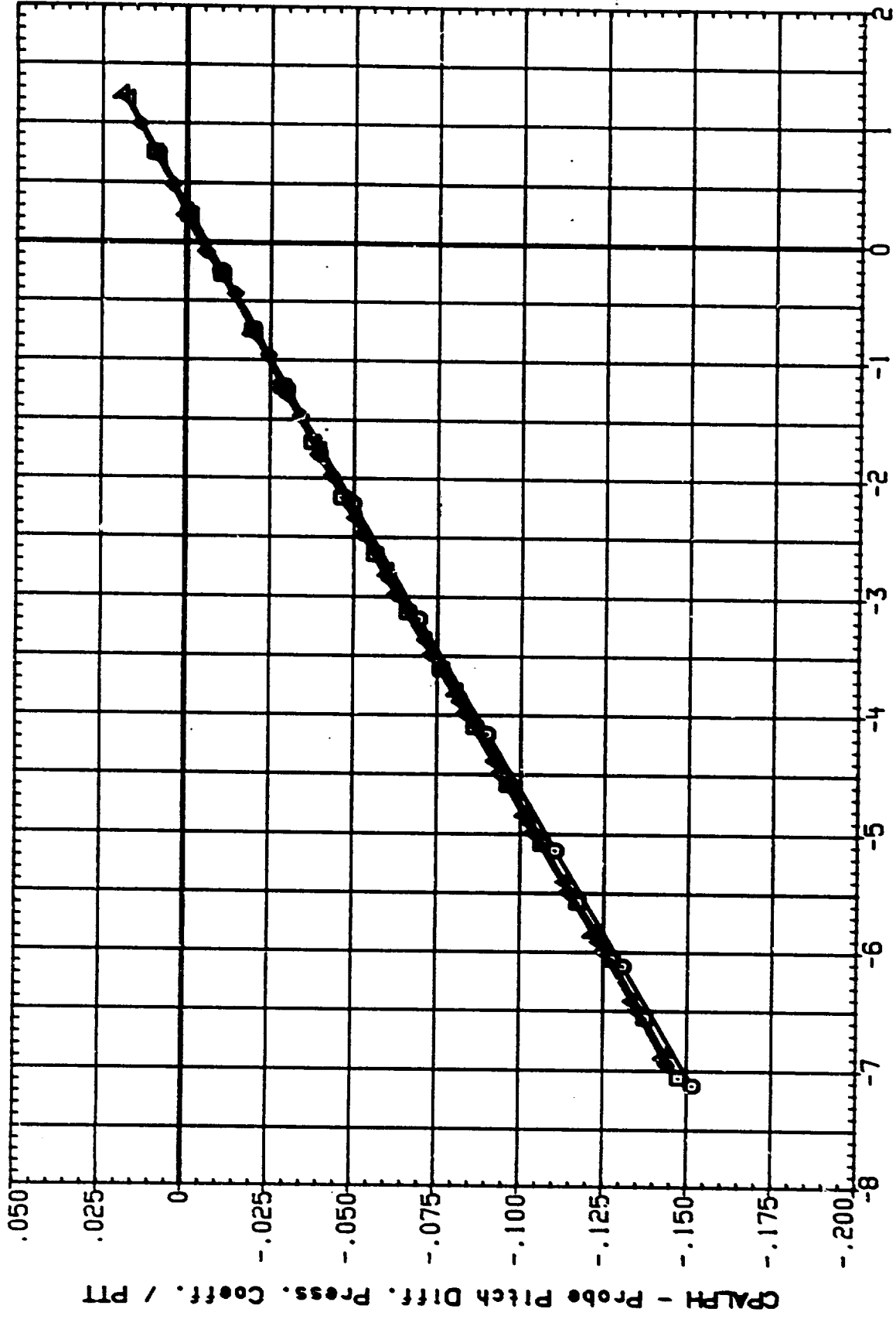


FIG. 1 AADS PROBE CALIBRATION - TEST SERIES 4

DATA SET SYMBOL
 TCH042
 TCH045
 TCH049
 TCH033
 TCH056

CONFIGURATION
 IA310 (AEDC 161F-783) PROBE CALIBRATION
 IA310 (AEDC 161F-783) PROBE CALIBRATION
 IA310 (AEDC 161F-783) PROBE CALIBRATION
 IA310 (AEDC 161F-783) PROBE CALIBRATION

BETA PHI
 -4.000 180.000
 -2.000 180.000
 2.000 180.000
 4.000 180.000

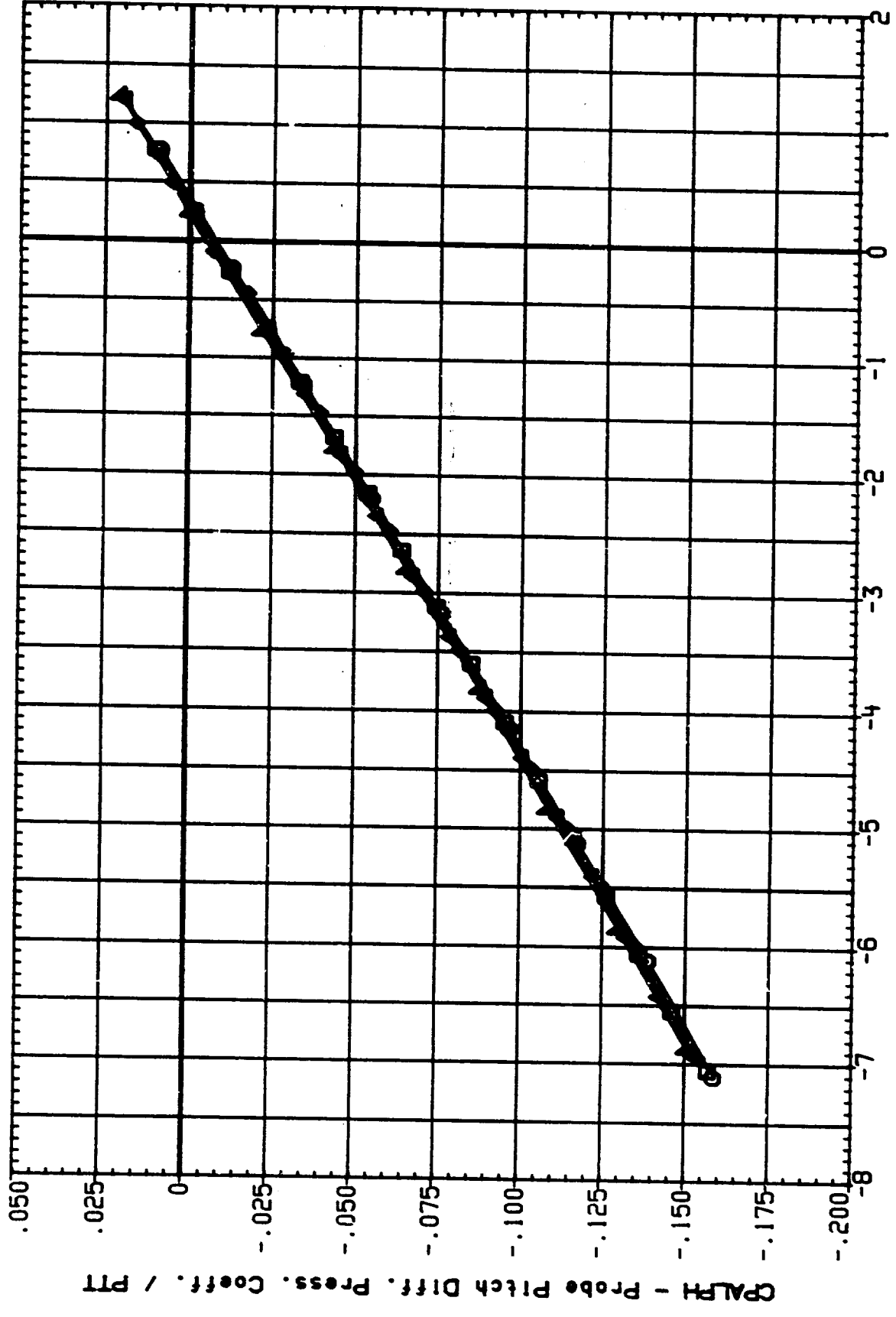


FIG. 1 AADS PROBE CALIBRATION - TEST SERIES 4

(1)MACH = 1.49

DATE 22 OCT 91

SET SYMBOL	CONFIGURATION	PHI
1042	IA310 (AEDC 161F-783) PROBE CALIBRATION	1.000
TCH045	IA310 (AEDC 161F-783) PROBE CALIBRATION	-2.000
TCH049	IA310 (AEDC 161F-783) PROBE CALIBRATION	2.000
TCH053	IA310 (AEDC 161F-783) PROBE CALIBRATION	4.000
TCH056	IA310 (AEDC 161F-783) PROBE CALIBRATION	180.000

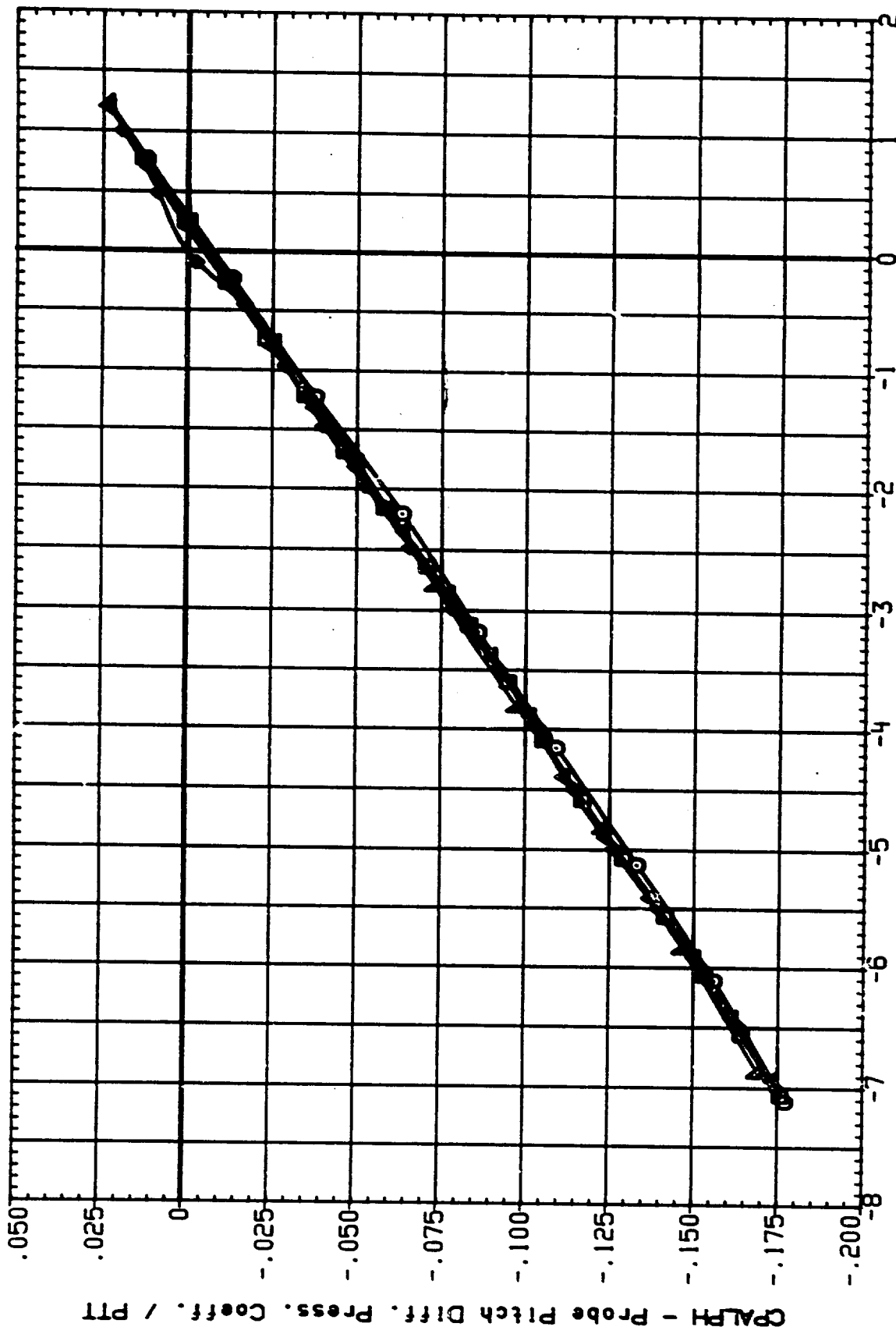


FIG. 1 AADS PROBE CALIBRATION - TEST SERIES 4

(J)MACH = 1.52

DATE 22 OCT 91

DATA SET SYMBOL
 TCH042
 TCH045
 TCH049
 TCH053
 TCH056

IA310 (AEDC 161F-783) PROBE CALIBRATION
 IA310 (AEDC 161F-783) PROBE CALIBRATION
 IA310 (AEDC 161F-783) PROBE CALIBRATION
 IA310 (AEDC 161F-783) PROBE CALIBRATION
 IA310 (AEDC 161F-783) PROBE CALIBRATION

BETA PHI
 -4.000 180.000
 -2.000 180.000
 2.000 180.000
 4.000 180.000

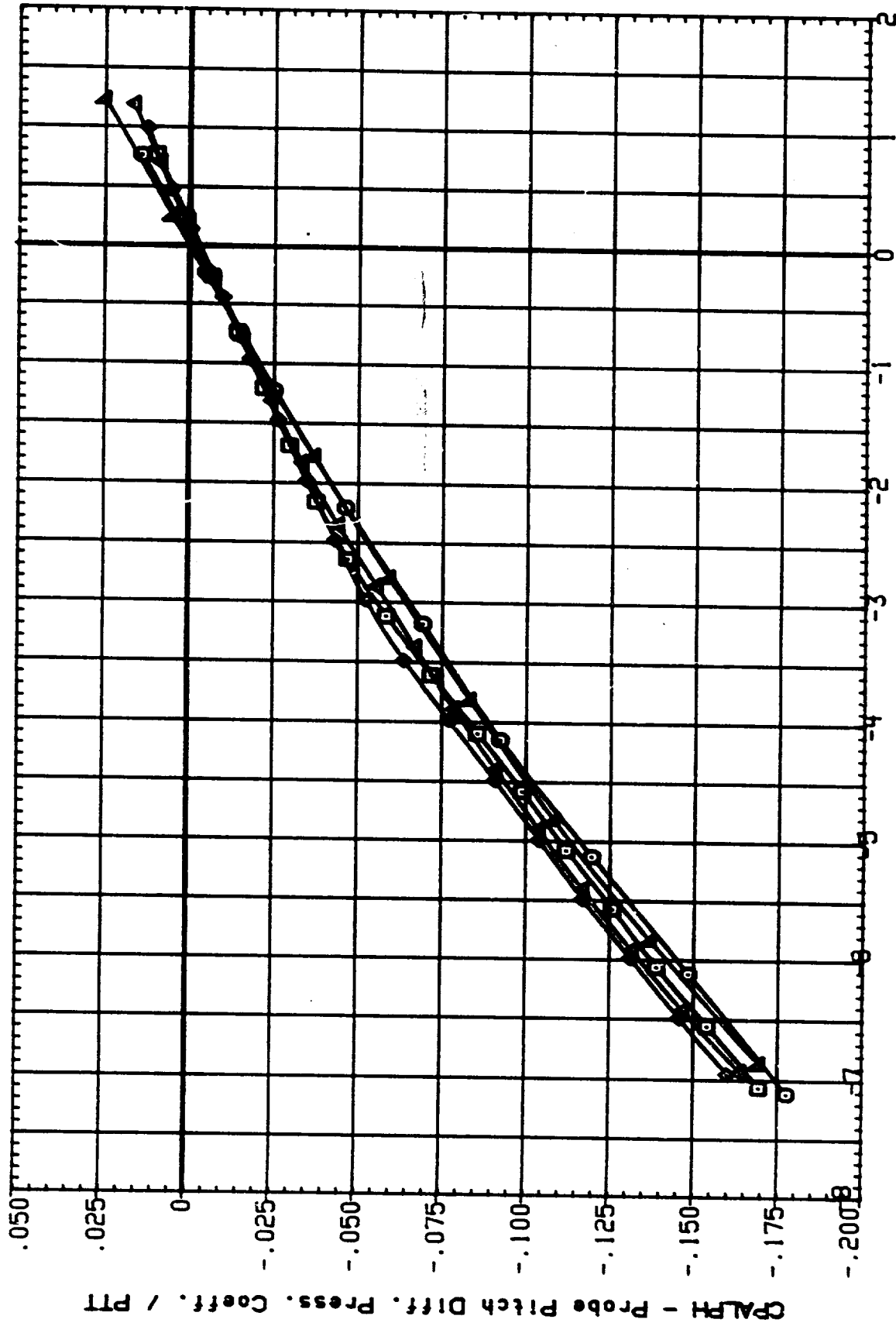


FIG. 1 AADS PROBE CALIBRATION - TEST SERIES 4

DA SYMBOL

UCM4W5
UCRS48
UCV053
UCV056

CONFIGURATION

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

BA PHI

-4.000 180.000
-2.000 180.000
0.000 180.000
2.000 180.000
4.000 180.000

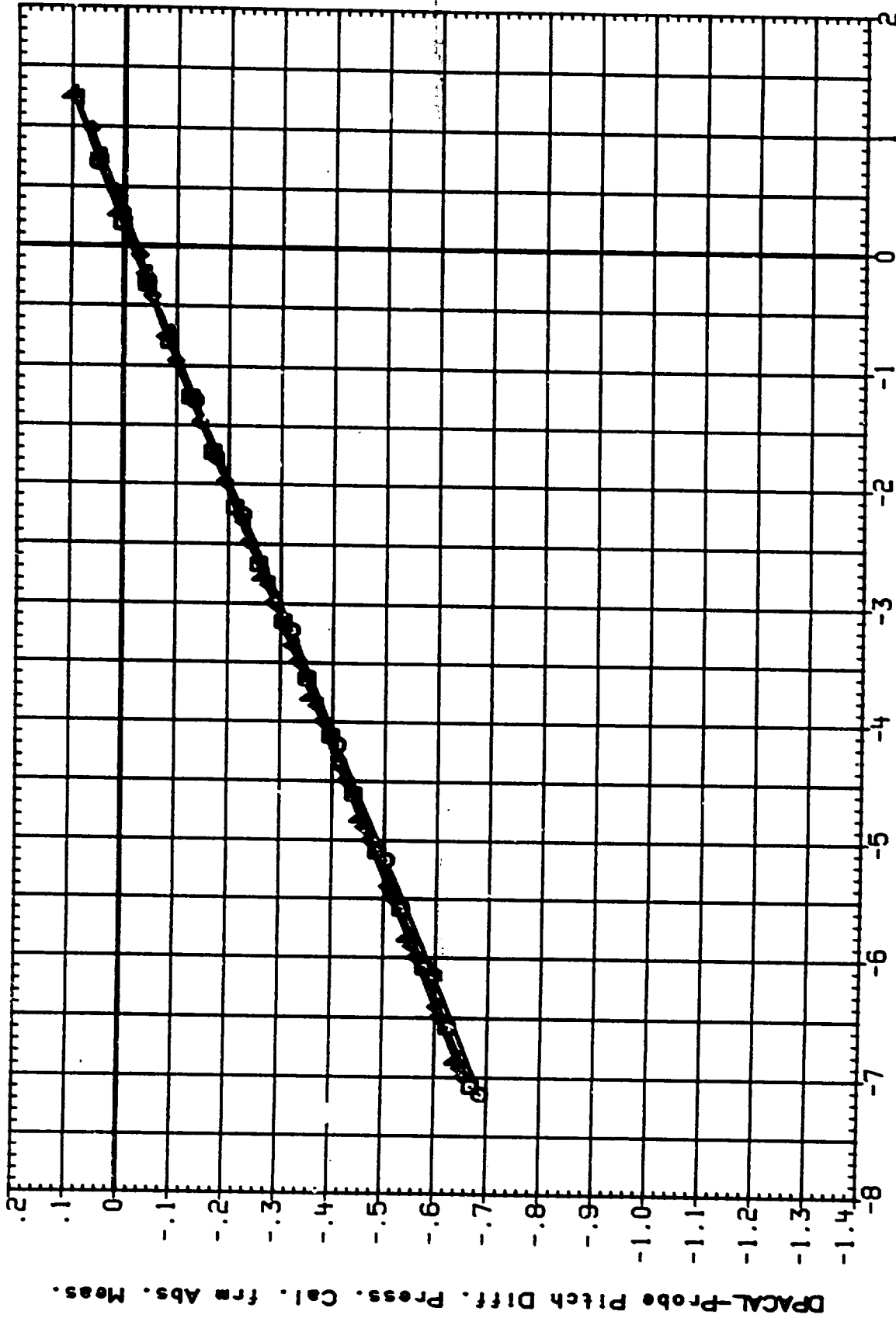


FIG. 1 AADS PROBE CALIBRATION - TEST SERIES 4

(A)MACH = .60

DATE 22 OCT 91

DATA SET SYMBOL
 UCHM42
 UCHM45
 UCHM49
 UCHM53
 UC1056

IA310 (AEDC 161F-783) PROBE CALIBRATION
 IA310 (AEDC 161F-783) PROBE CALIBRATION
 IA310 (AEDC 161F-783) PROBE CALIBRATION
 IA310 (AEDC 161F-783) PROBE CALIBRATION

BETA PHI
 -4,000 180.000
 -2,000 180.000
 2,000 180.000
 4,000 180.000

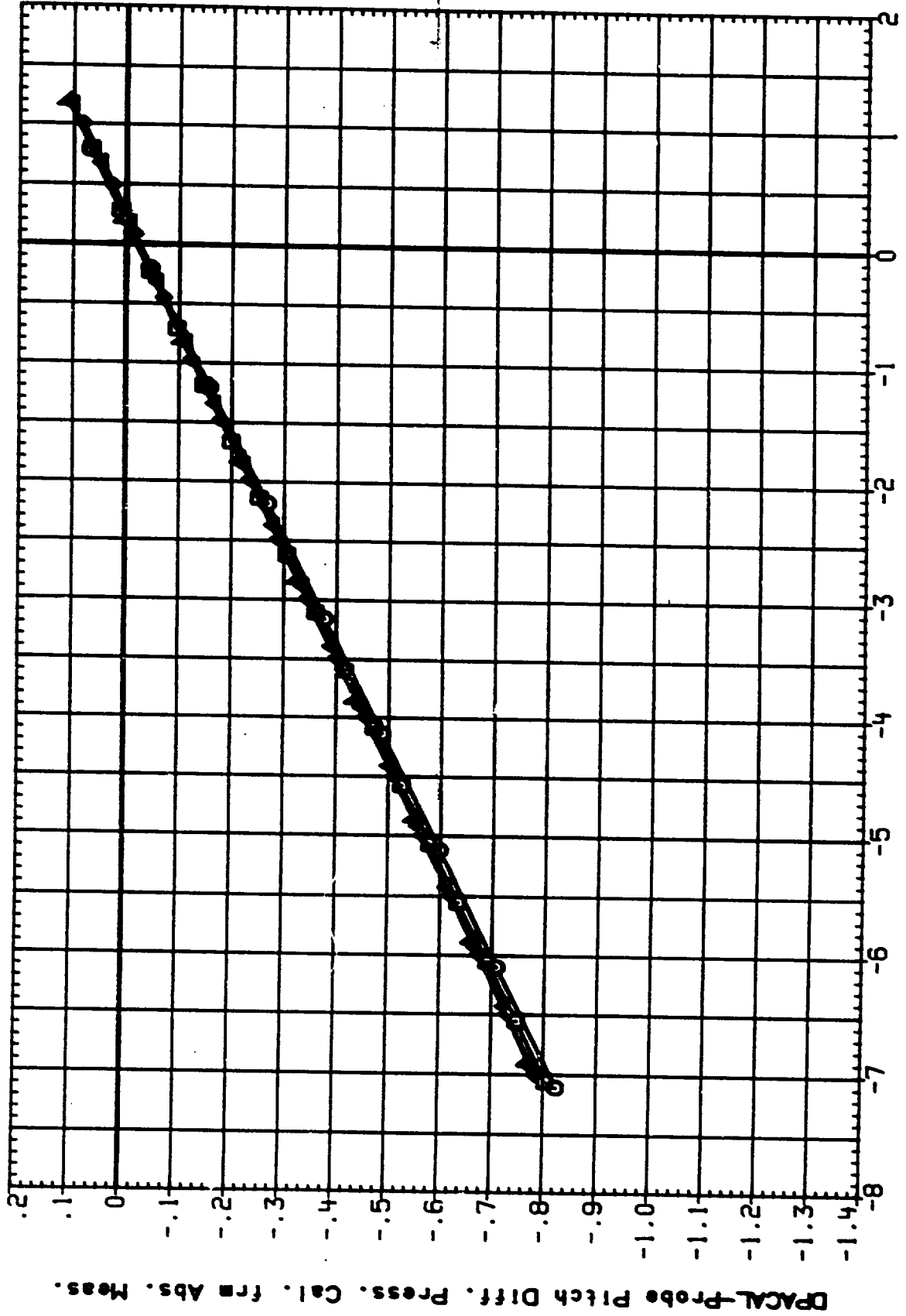


FIG. 1 AADS PROBE CALIBRATION - TEST SERIES 4

DA SYMBOL

UCH045
UCH048
UCH053
UCH056

IA310 (AEDC 16TF-783)	CONFIGURATION	PROBE CALIBRATION
IA310 (AEDC 16TF-783)	PROBE CALIBRATION	PROBE CALIBRATION
IA310 (AEDC 16TF-783)	PROBE CALIBRATION	PROBE CALIBRATION
IA310 (AEDC 16TF-783)	PROBE CALIBRATION	PROBE CALIBRATION
IA310 (AEDC 16TF-783)	PROBE CALIBRATION	PROBE CALIBRATION

BA	PHI
-4.000	180.000
-2.000	180.000
2.000	180.000
4.000	180.000

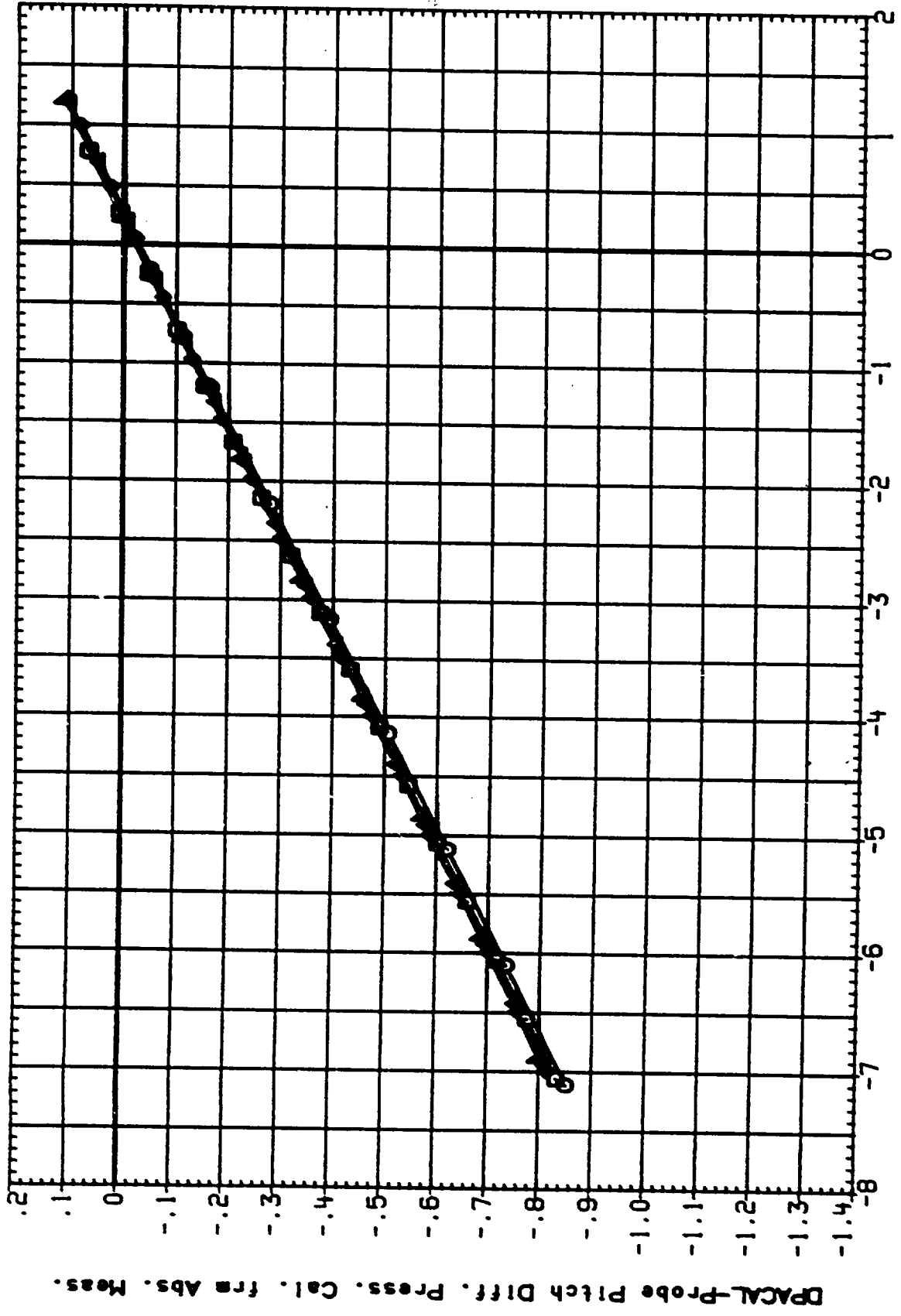


FIG. 1 AADS PROBE CALIBRATION - TEST SERIES 4

DATA SET SYMBOL

UCH042
UCH045
UCH049
UCH053
UCH058

CONFIGURATION

IA310 (AEDC 161F-783) PROBE CALIBRATION
IA310 (AEDC 161F-783) PROBE CALIBRATION
IA310 (AEDC 161F-783) PROBE CALIBRATION
IA310 (AEDC 161F-783) PROBE CALIBRATION

BETA PHI

-4.000 180.000
-2.000 180.000
2.000 180.000
4.000 180.000

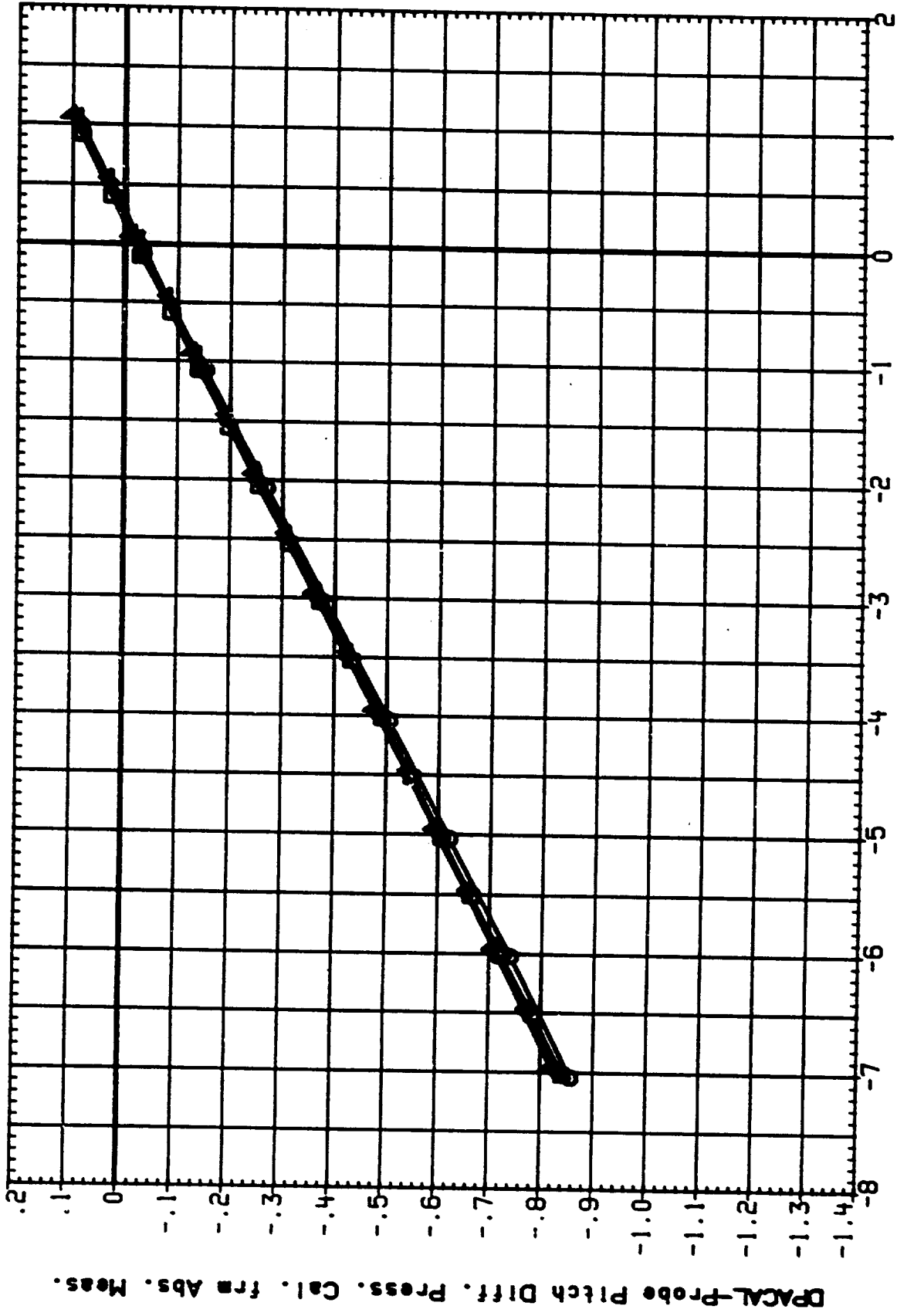


FIG. 1 AADS PROBE CALIBRATION - TEST SERIES 4

D T SYMBOL
 UCH045
 UCH049
 UCH053
 UCH056

CONFIGURATION
 IA310 (AEDC 161F-783) PROBE CALIBRATION
 IA310 (AEDC 161F-783) PROBE CALIBRATION
 IA310 (AEDC 161F-783) PROBE CALIBRATION
 IA310 (AEDC 161F-783) PROBE CALIBRATION

PHI
 -2.000 180.000
 .000 180.000
 2.000 180.000
 4.000 180.000

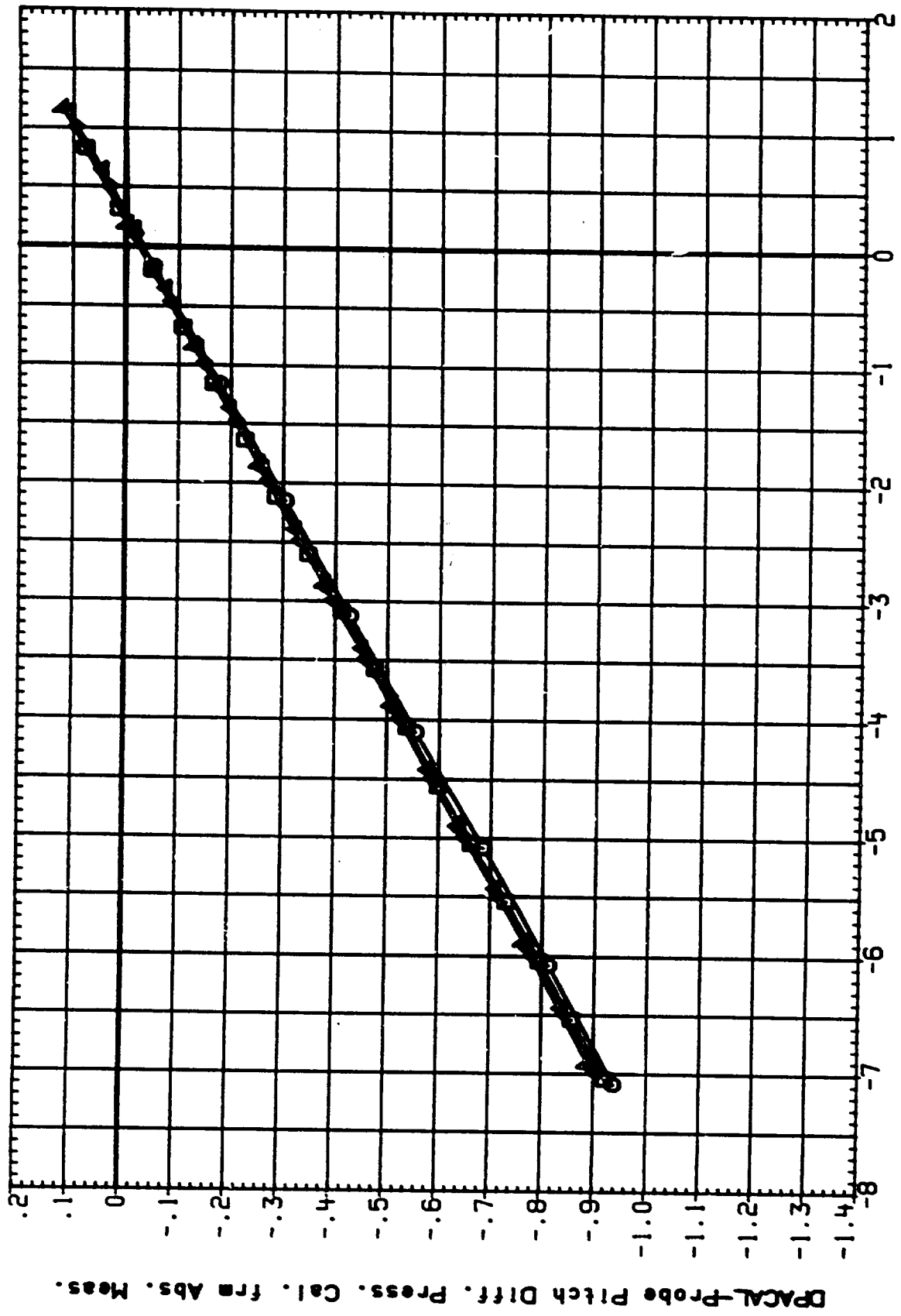


FIG. 1 AADS PROBE CALIBRATION - TEST SERIES 4

(E)MACH = 1.25

DATE 22 OCT 91

DATA SET SYMBOL
 UCHM02
 UCHM03
 UCHM04
 UCHM05
 UCHM06

CONFIGURATION
 IA310 (AEDC 16TF-783) PROBE CALIBRATION
 IA310 (AEDC 16TF-783) PROBE CALIBRATION
 IA310 (AEDC 16TF-783) PROBE CALIBRATION
 IA310 (AEDC 16TF-783) PROBE CALIBRATION
 IA310 (AEDC 16TF-783) PROBE CALIBRATION

BETA PHI
 -4.000 160.000
 -2.000 160.000
 .000 160.000
 2.000 160.000
 4.000 160.000

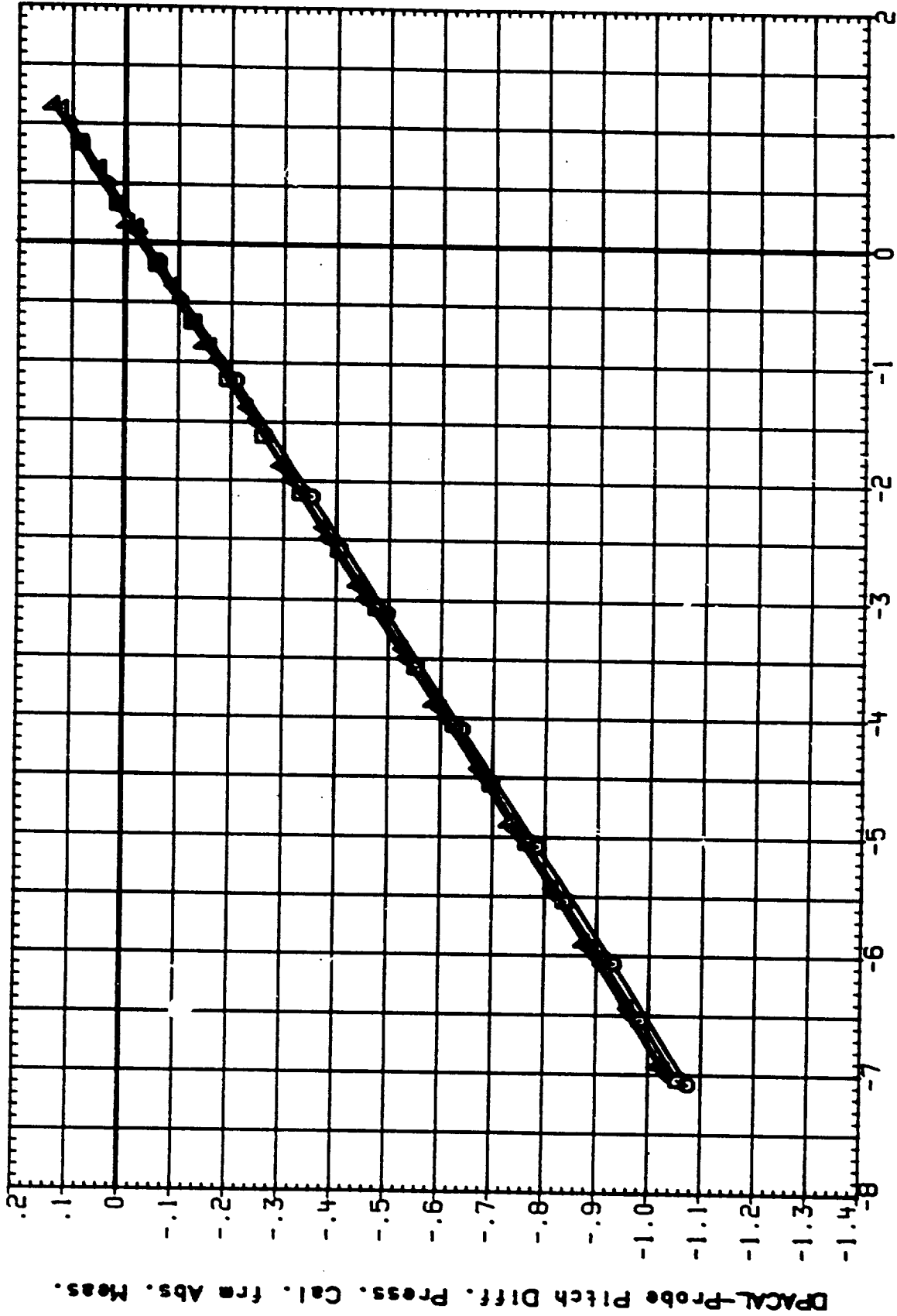


FIG. 1 AADS PROBE CALIBRATION - TEST SERIES 4

WIND VELOCITY = 1.40

DATE () OCT 91

DATE SYMBOL

UCH042
UCH045
UCH049
UCH053
UCH056

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

BETA PHI
-4.000 180.000
-2.000 180.000
.000 180.000
2.000 180.000
4.000 180.000

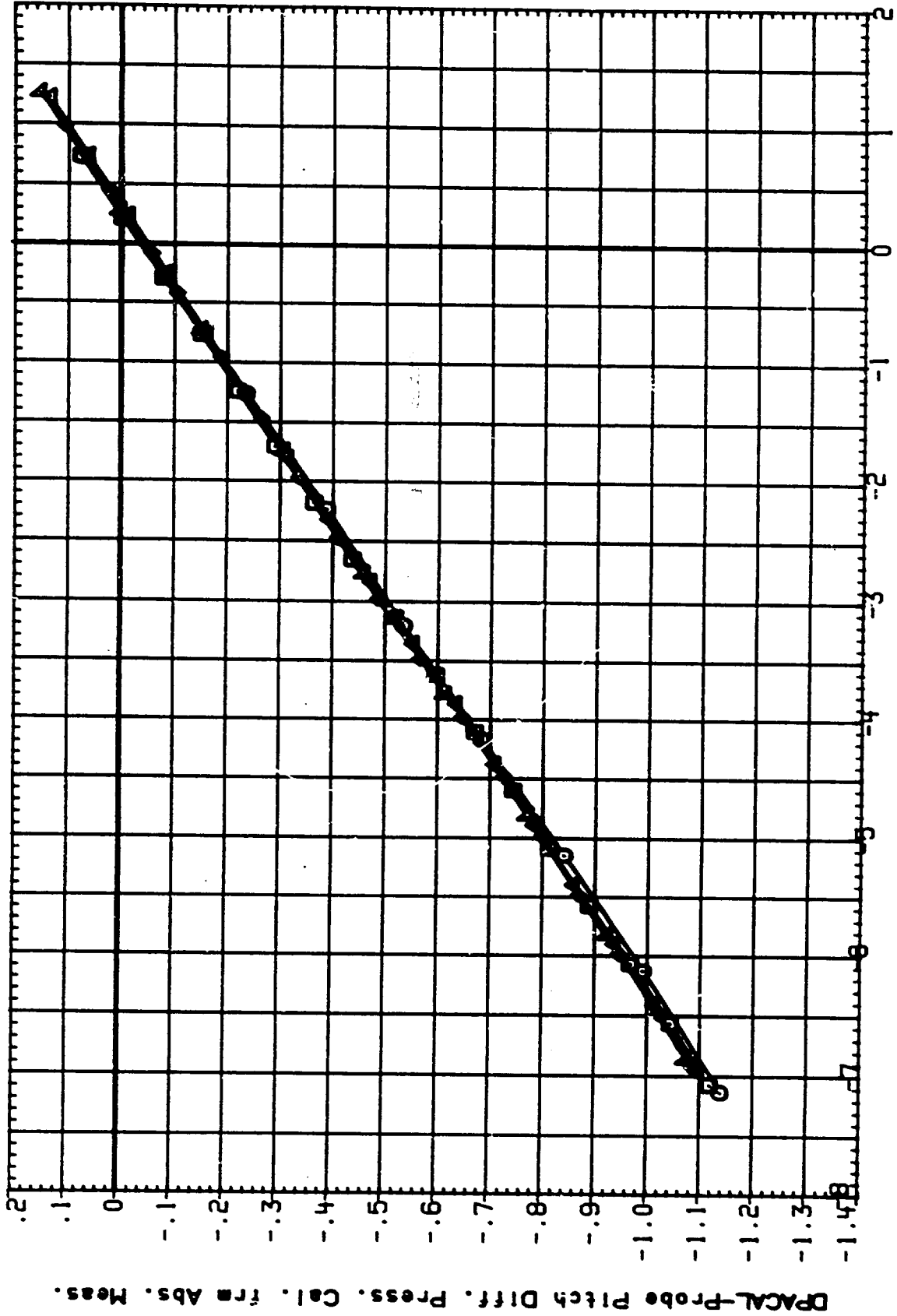


FIG. 1 AADS PROBE CALIBRATION - TEST SERIES 4

DATA SET SYMBOL

UCH0N2
UCH0N5
UCH0N9
UCH0N3
UCH0N6

□
○
△

CONFIGURATION

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

BETA PHI

-4.000 180.000
-2.000 180.000
2.000 180.000
4.000 180.000

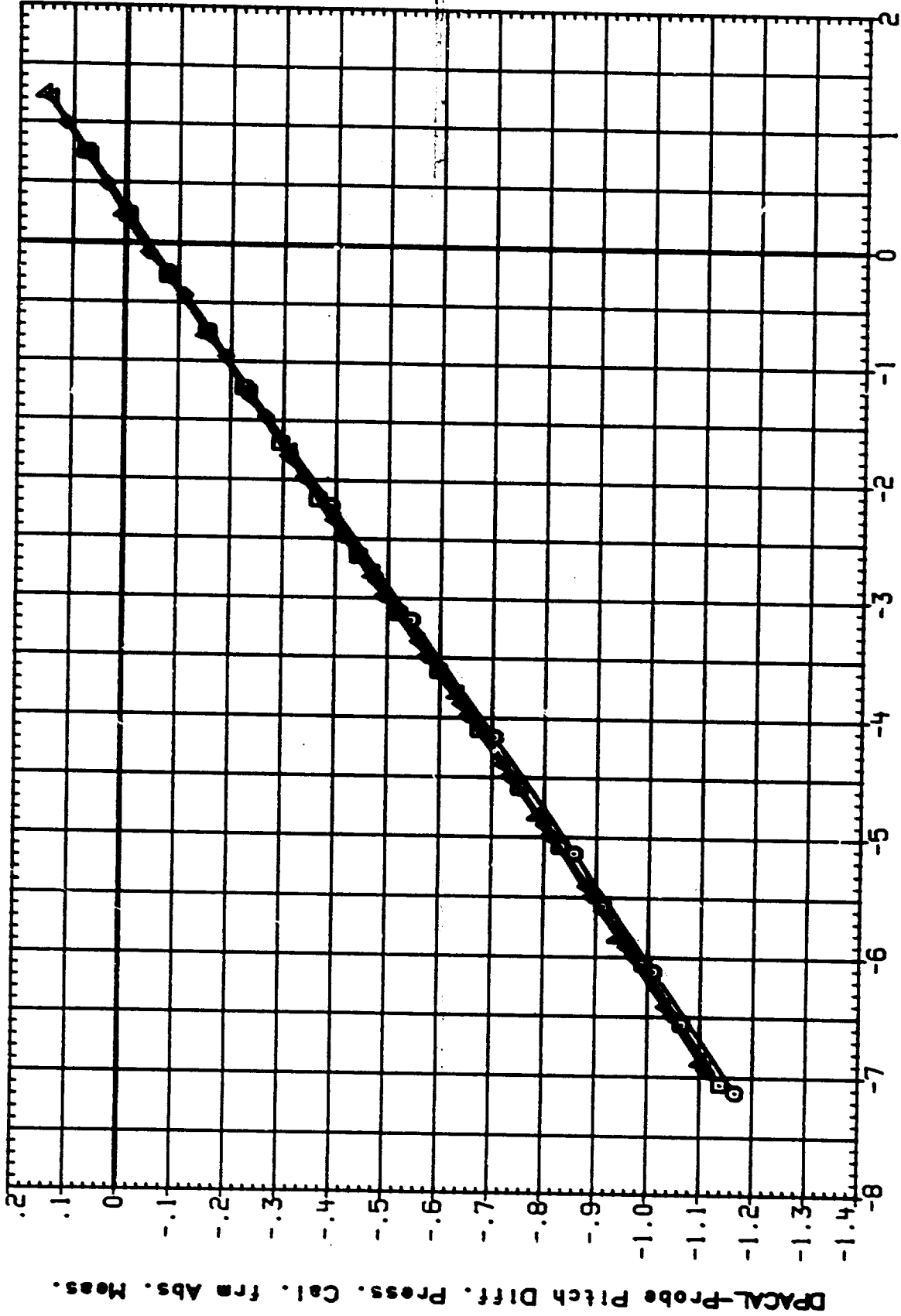


FIG. 1 AADS PROBE CALIBRATION - TEST SERIES 4

(H)MACH = 1.47

DATE 17 OCT 91

PAGE 1

DA SYMBOL

UCH045
UCH046
UCH049
UCH053
UCH056

CONF IGURATION

IA310 (AEDC 181F-783) PROBE CALIBRATION
IA310 (AEDC 181F-783) PROBE CALIBRATION
IA310 (AEDC 181F-783) PROBE CALIBRATION
IA310 (AEDC 181F-783) PROBE CALIBRATION
IA310 (AEDC 181F-783) PROBE CALIBRATION

BL PHI

-4.000 180.000
-2.000 180.000
2.000 180.000
4.000 180.000

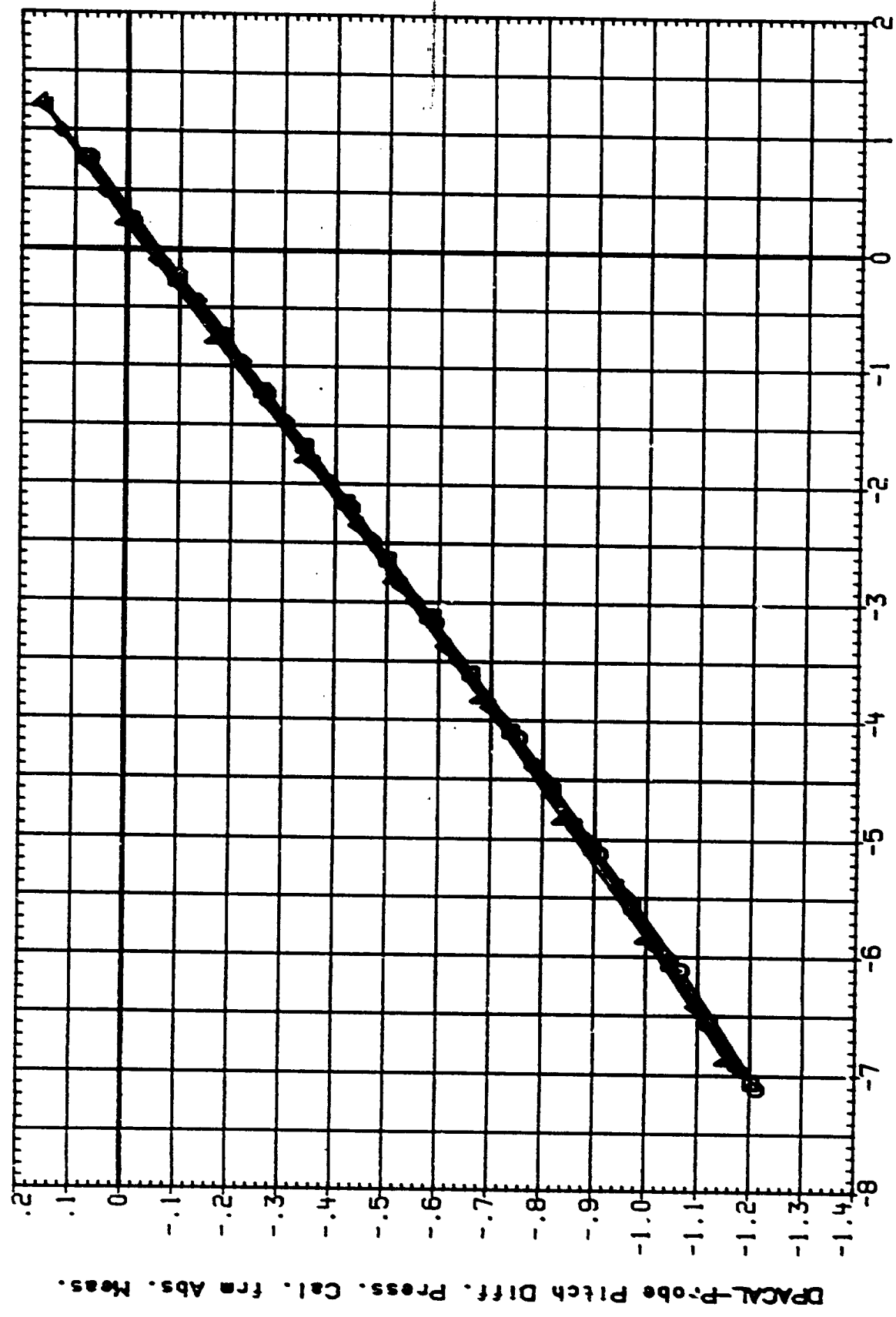


FIG. 1 AADS PROBE CALIBRATION - TEST SERIES 4

(1) MACH = 1.49

DATE 22 OCT 91

DATA SET SYMBOL
 UCHM02
 UCHM05
 UCHM08
 UCHM03
 UCHM06

CONFIGURATION
 IA310 (AEDC 161F-783) PROBE CALIBRATION
 IA310 (AEDC 161F-783) PROBE CALIBRATION
 IA310 (AEDC 161F-783) PROBE CALIBRATION
 IA310 (AEDC 161F-783) PROBE CALIBRATION

BETA PHI
 -4.000 160.000
 -2.000 160.000
 .000 160.000
 2.000 160.000
 4.000 160.000

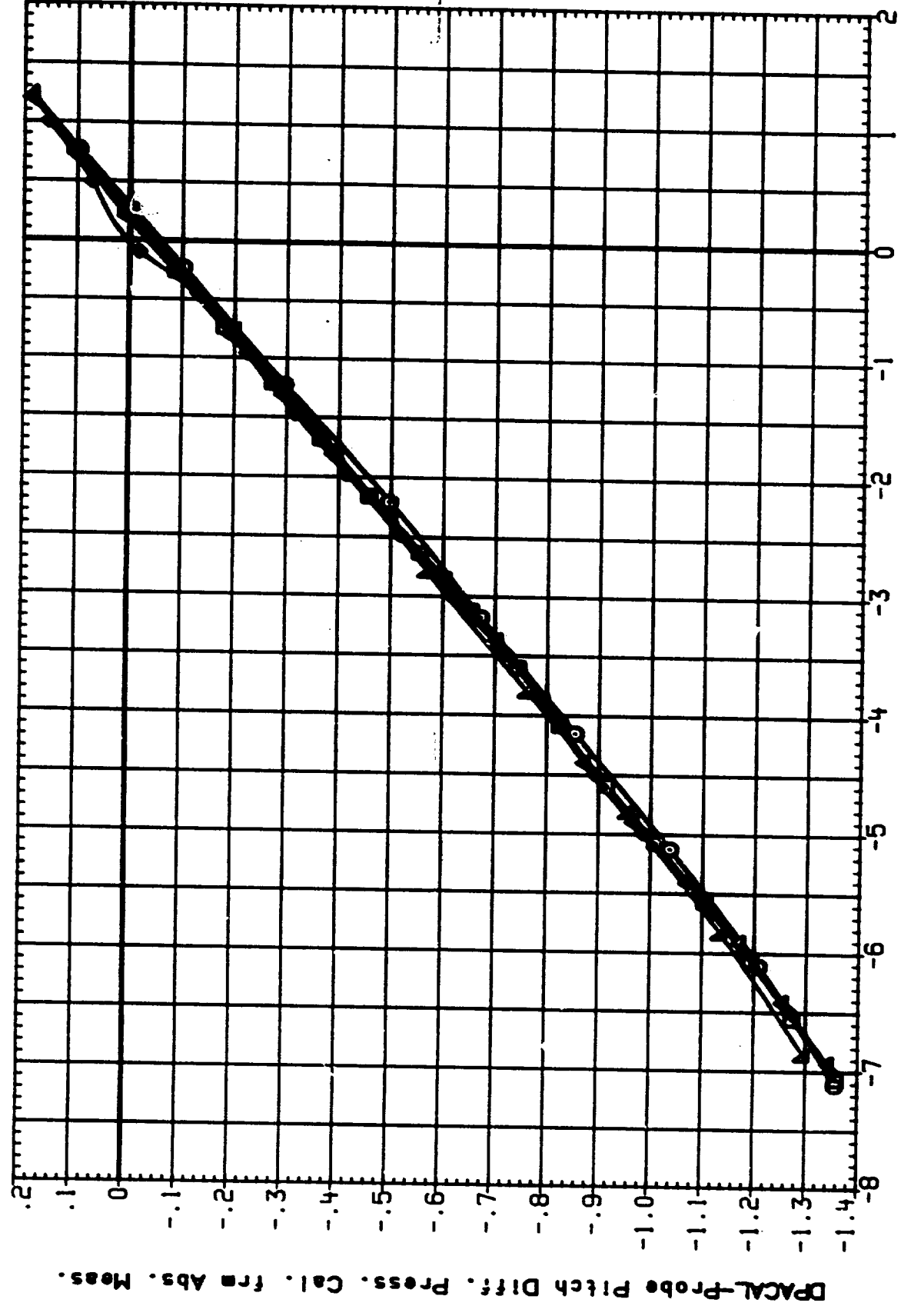


FIG. 1 AADS PROBE CALIBRATION - TEST SERIES 4

Symbol

- UCH45
- UCH59
- △ UCH53
- ◇ UCH56

Configuration

- IA310 (AEDC 161F-783) PROBE CALIBRATION
- IA310 (AEDC 161F-783) PROBE CALIBRATION
- IA310 (AEDC 161F-783) PROBE CALIBRATION
- IA310 (AEDC 161F-783) PROBE CALIBRATION
- IA310 (AEDC 161F-783) PROBE CALIBRATION

Phi

- 4.000 180.000
- 2.000 180.000
- 2.000 180.000
- 4.000 180.000

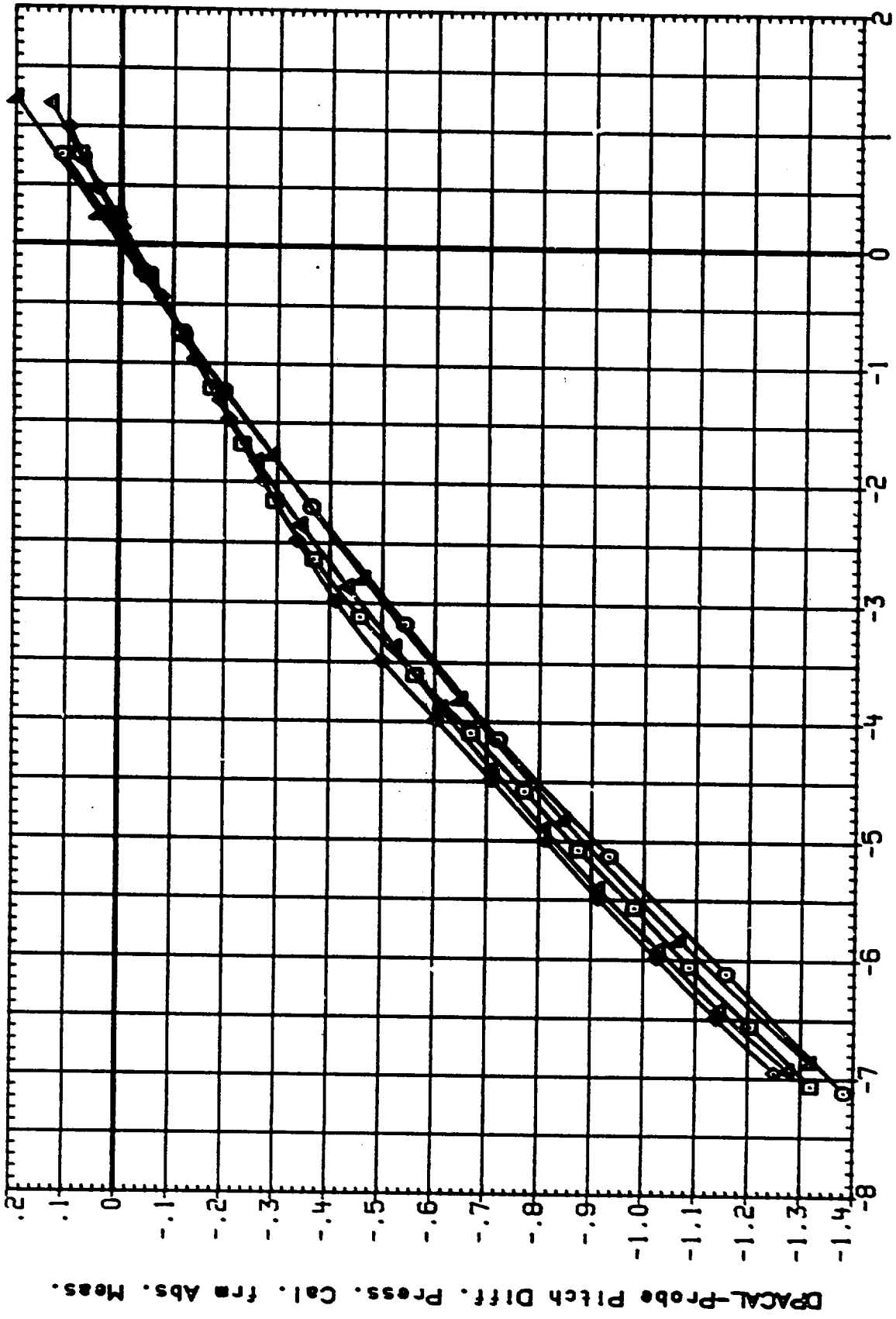


FIG. 1 AADS PROBE CALIBRATION - TEST SERIES 4

(K)MACH = 1.54

DATE 22 OCT 91

DATA SET SYMBOL

- TCM042
- TCM045
- TCM049
- TCM053
- TCM055

CONFIGURATION

- IA310 (AEDC 161F-783) PROBE CALIBRATION
- IA310 (AEDC 161F-783) PROBE CALIBRATION
- IA310 (AEDC 161F-783) PROBE CALIBRATION
- IA310 (AEDC 161F-783) PROBE CALIBRATION
- IA310 (AEDC 161F-783) PROBE CALIBRATION

BETA PHI

- 4.000 180.000
- 2.000 180.000
- 2.000 180.000
- 4.000 180.000

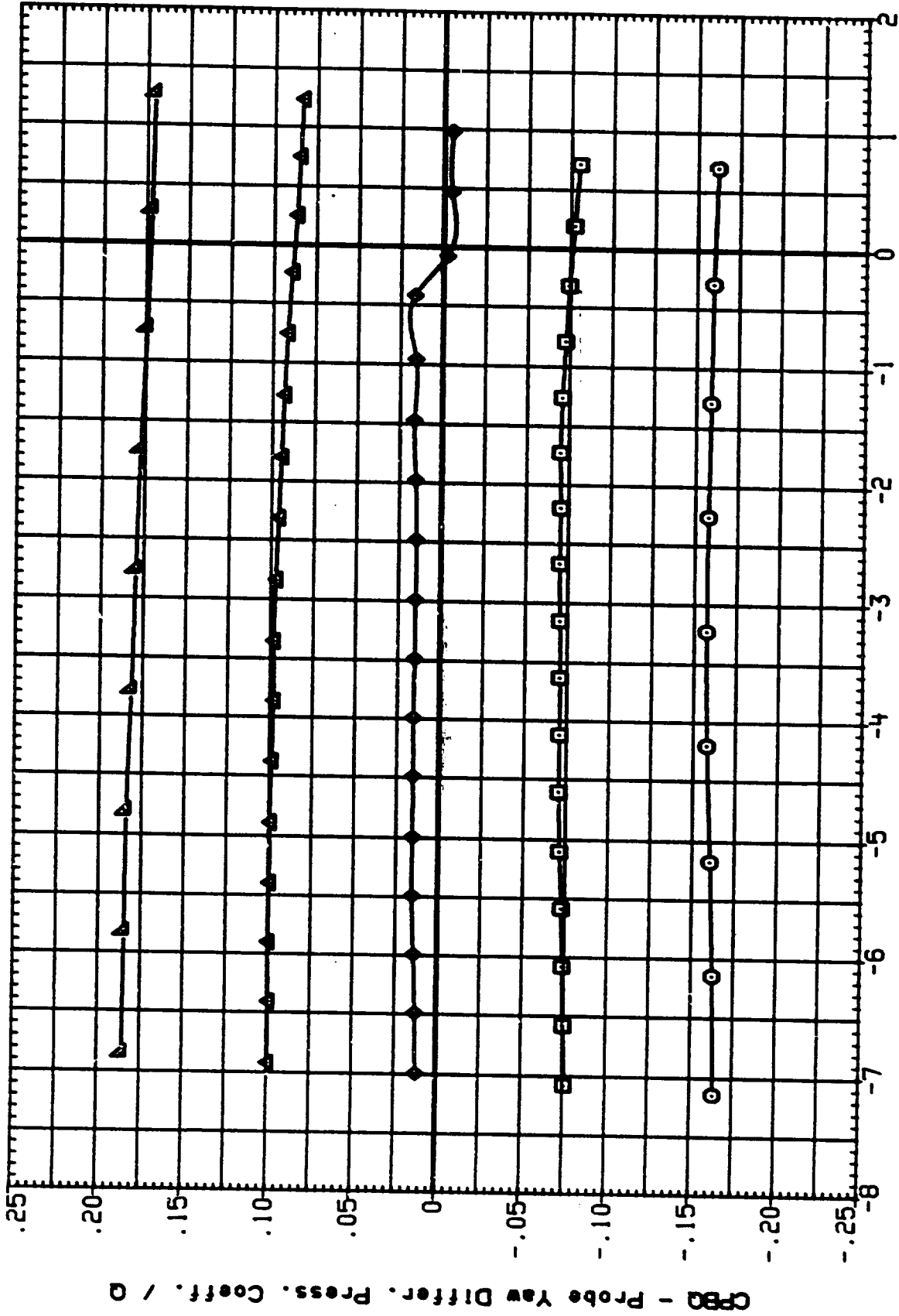


FIG. 1 AADS PROBE CALIBRATION - TEST SERIES 4

(A) MACH = .60

DATE 07 OCT 91

DA SYMBOL

ICH042
ICH045
ICH049
ICH053
ICH056

CONFIGURATION

IA310 (AEDC 161F-783) PROBE CALIBRATION
IA310 (AEDC 161F-783) PROBE CALIBRATION
IA310 (AEDC 161F-783) PROBE CALIBRATION
IA310 (AEDC 161F-783) PROBE CALIBRATION
IA310 (AEDC 161F-783) PROBE CALIBRATION

BE PHI

-4.000 180.000
-2.000 180.000
.000 180.000
2.000 180.000
4.000 180.000

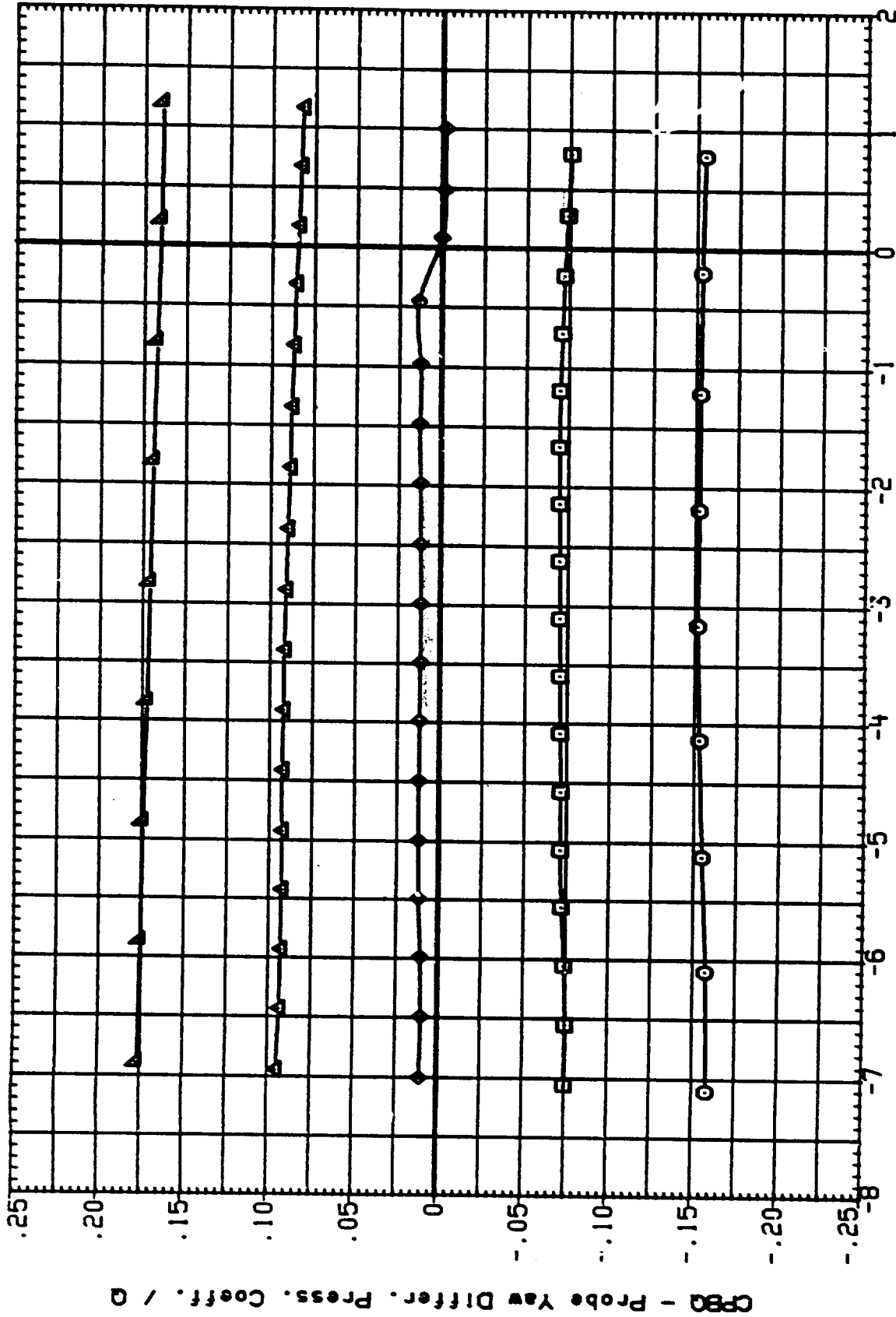


FIG. 1 AADS PROBE CALIBRATION - TEST SERIES 4

(B)MACH = .80

DATE 22 OCT 91

PAGE 101

DATA SET SYMBOL
 TCH042
 TCH045
 TCH049
 TCH053
 TCH056

IA310 (AEDC 1B1F-783) PROBE CALIBRATION
 IA310 (AEDC 1B1F-783) PROBE CALIBRATION
 IA310 (AEDC 1B1F-783) PROBE CALIBRATION
 IA310 (AEDC 1B1F-783) PROBE CALIBRATION

BETA PHI
 -4.000 180.000
 -2.000 180.000
 2.000 180.000
 4.000 180.000

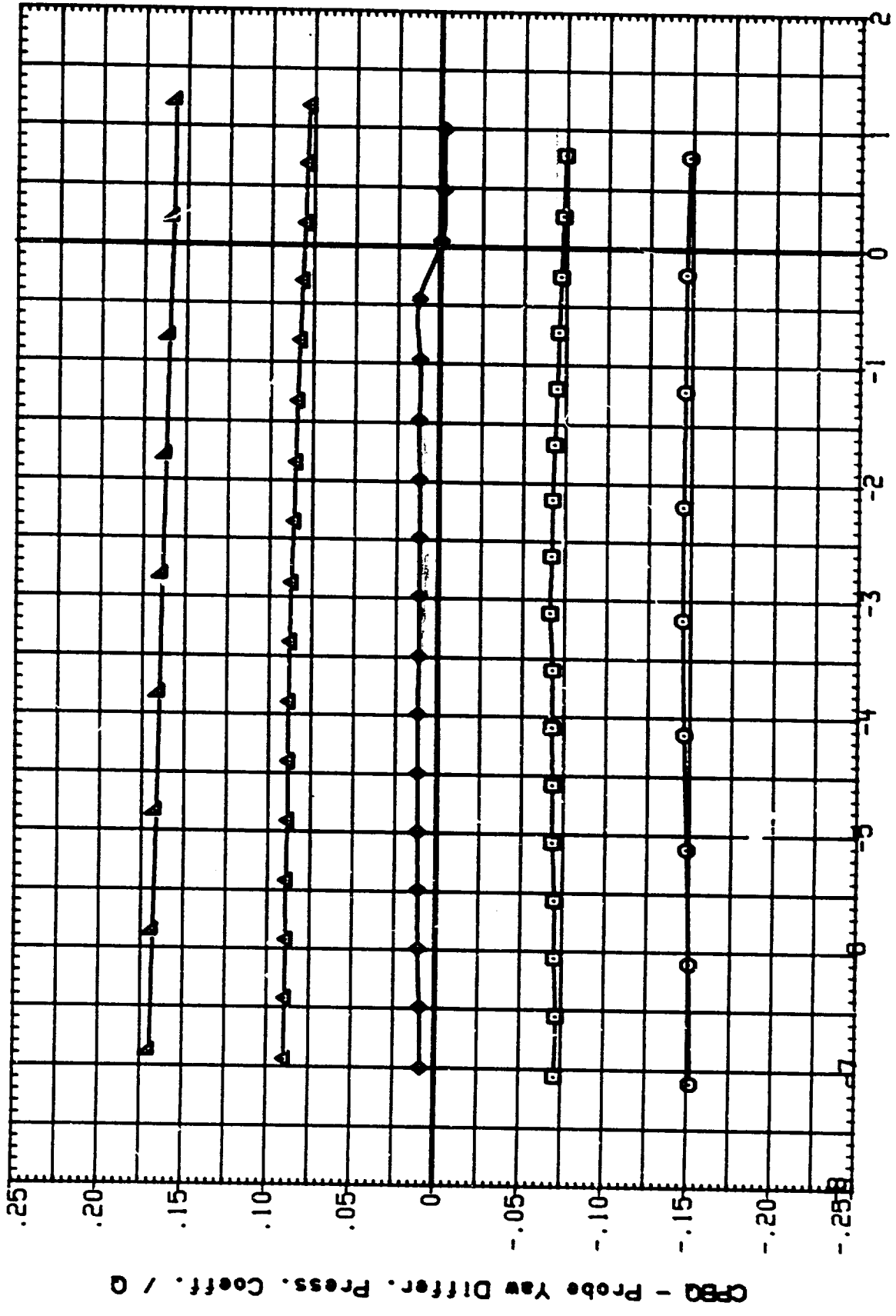


FIG. 1 - AADS PROBE CALIBRATION - TEST SERIES 4

DATE: SYMBOL:

TCH055
TCH054
TCH053
TCH052

CONFIGURATION

IA310 (AEDC 181F-783) PROBE CALIBRATION
IA310 (AEDC 181F-783) PROBE CALIBRATION
IA310 (AEDC 181F-783) PROBE CALIBRATION
IA310 (AEDC 181F-783) PROBE CALIBRATION

BET. PHI

-4.000 180.000
-2.000 180.000
.000 180.000
2.000 180.000
4.000 180.000

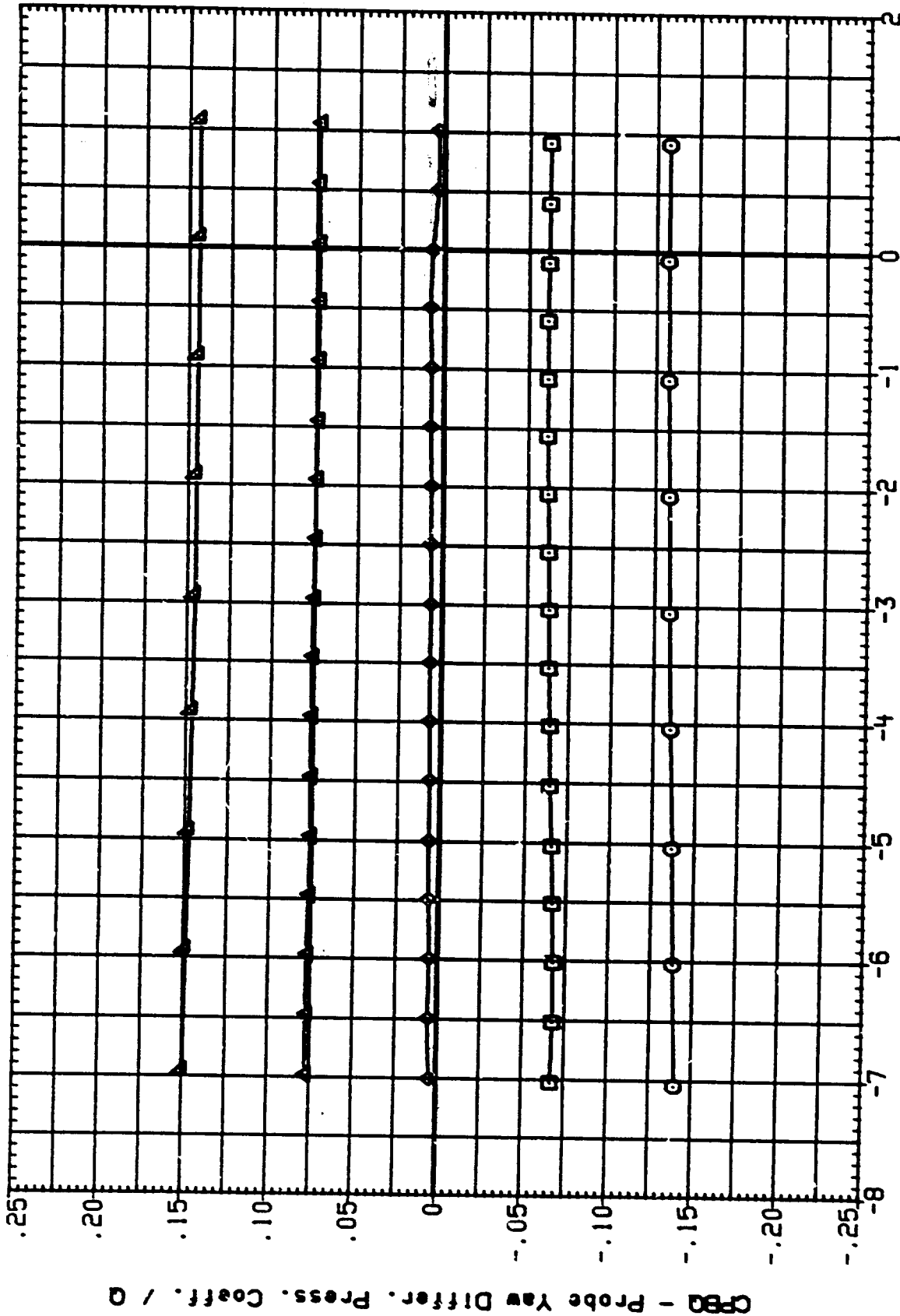


FIG. 1 AADS PROBE CALIBRATION - TEST SERIES 4

DATA SET SYMBOL
 TCH042
 TCH045
 TCH048
 TCH053
 TCH056

CONFIGURATION
 IA310 (AEDC 161F-783) PROBE CALIBRATION
 IA310 (AEDC 161F-783) PROBE CALIBRATION
 IA310 (AEDC 161F-783) PROBE CALIBRATION
 IA310 (AEDC 161F-783) PROBE CALIBRATION

BETA PHI
 -4.000 180.000
 -2.000 180.000
 2.000 180.000
 4.000 180.000

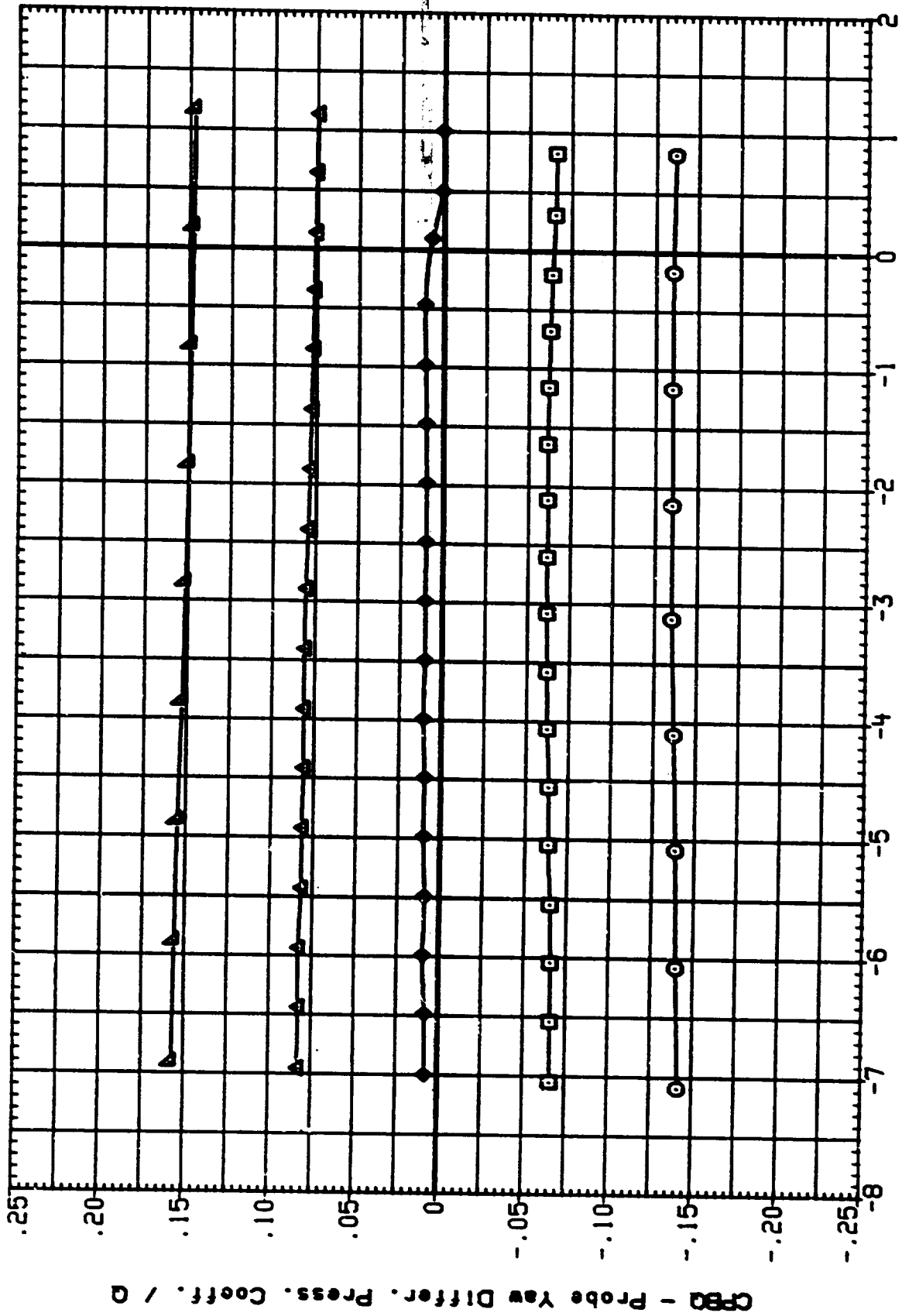


FIG. 1 AADS PROBE CALIBRATION - TEST SERIES 4

(E) H = 1.25

DATE () OCT 91

DATE

SYMBOL

TC4075
TC4045
TC4049
TC4053
TC4056

CONFIGURATION

IA310 (AEDC 161F-783) PROBE CALIBRATION
IA310 (AEDC 161F-783) PROBE CALIBRATION
IA310 (AEDC 161F-783) PROBE CALIBRATION
IA310 (AEDC 161F-783) PROBE CALIBRATION

BET.

PHI

-4.000 180.000
-2.000 180.600
.000 180.000
2.000 180.000
4.000 180.000

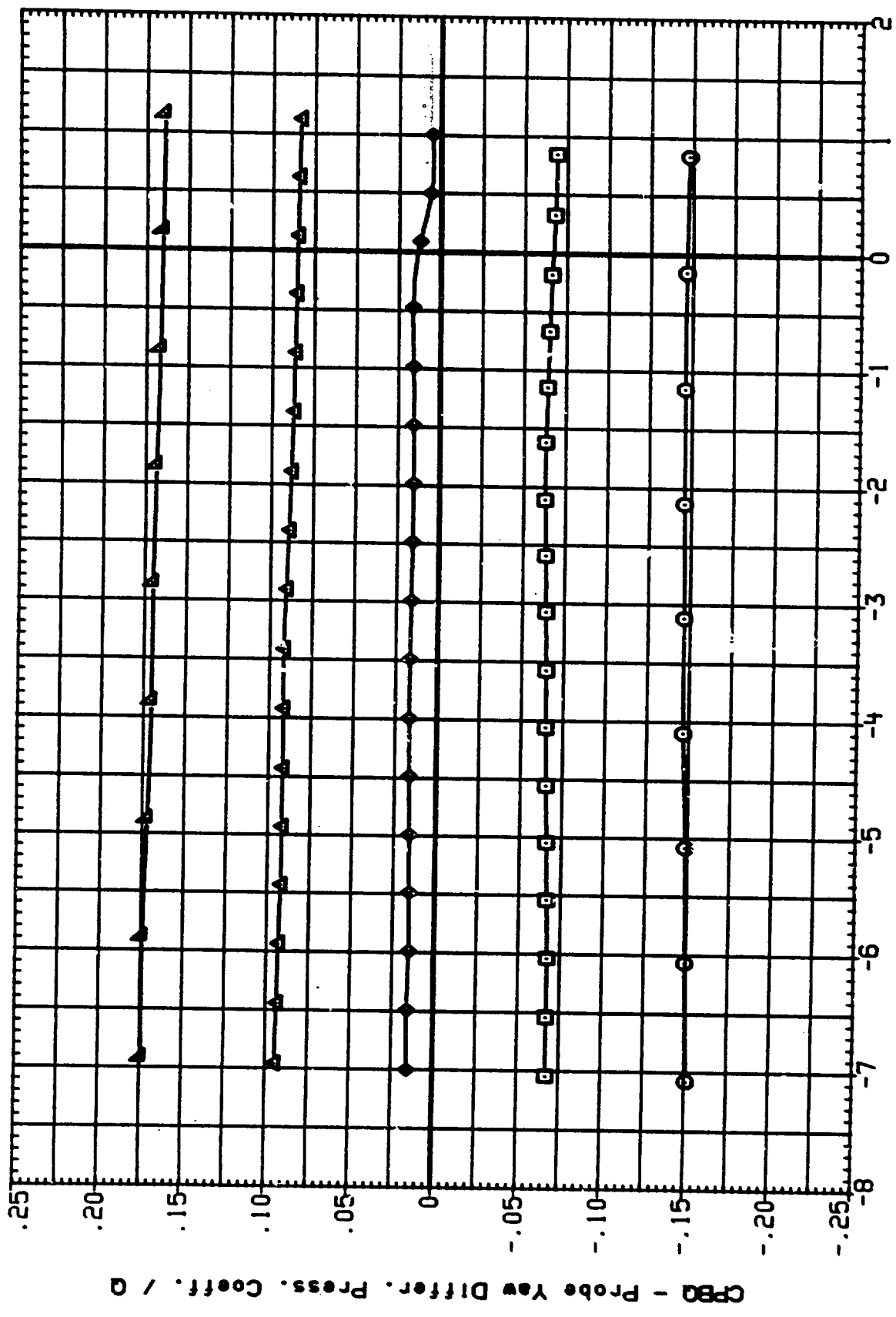


FIG. 1 AADS PROBE CALIBRATION - TEST SERIES 4

DATA SET SYMBOL

- TCM042
- TCM045
- TCM048
- TCM053
- TCM056

CONFIGURATION

- IA310 (AEDC 161F-783) PROBE CALIBRATION
- IA310 (AEDC 161F-783) PROBE CALIBRATION
- IA310 (AEDC 161F-783) PROBE CALIBRATION
- IA310 (AEDC 161F-783) PROBE CALIBRATION

BETA

- 4.000
- 2.000
- 2.000
- 4.000

PHI

- 180.000
- 180.000
- 180.000
- 180.000

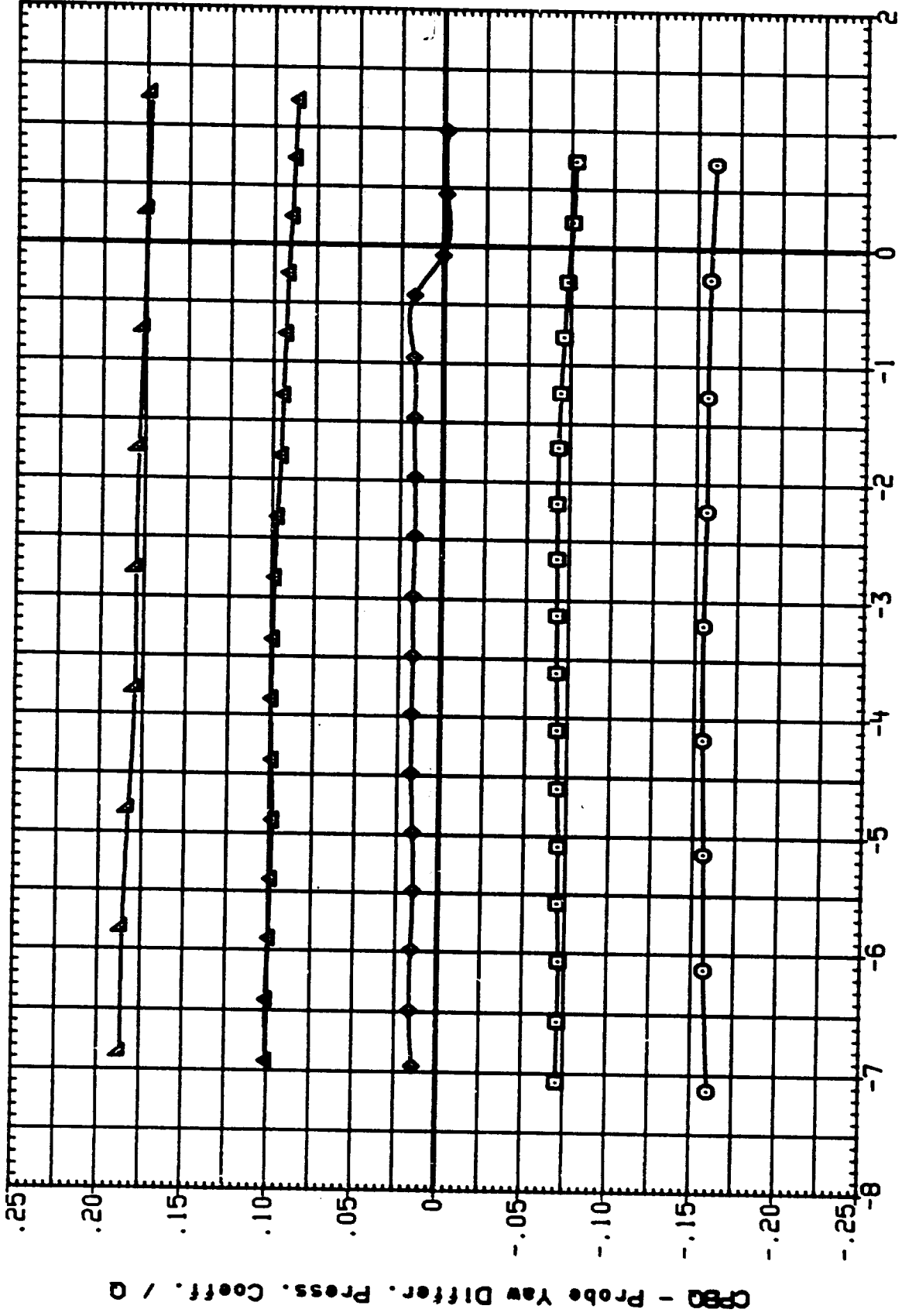


FIG. 1 AADS PROBE CALIBRATION - TEST SERIES 4

DATE SYMBOL

IA310 (AEDC 161F-783) PROBE CALIBRATION
 IA310 (AEDC 161F-783) PROBE CALIBRATION
 IA310 (AEDC 161F-783) PROBE CALIBRATION
 IA310 (AEDC 161F-783) PROBE CALIBRATION

BE PHI
 -4.000 180.000
 -2.000 180.000
 2.000 180.000
 4.000 180.000

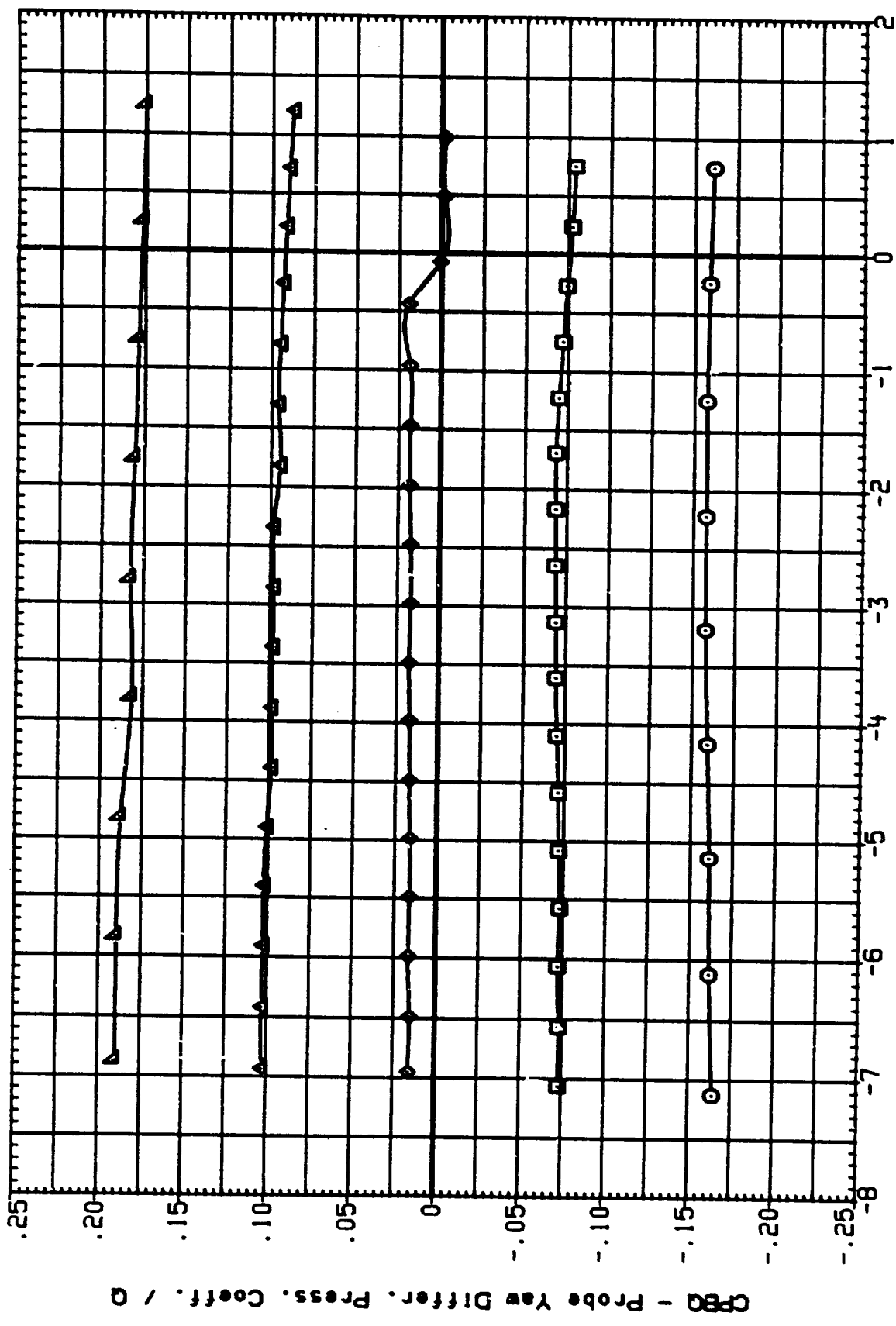


FIG. 1 AADS PROBE CALIBRATION - TEST SERIES 4

DATA SET SYMBOL

- TCN042
- TCN045
- TCN049
- TCN053
- TCN056

CONFIGURATION

- IA310 (AEDC 181F-783) PROBE CALIBRATION
- IA310 (AEDC 181F-783) PROBE CALIBRATION
- IA310 (AEDC 181F-783) PROBE CALIBRATION
- IA310 (AEDC 181F-783) PROBE CALIBRATION
- IA310 (AEDC 181F-783) PROBE CALIBRATION

- BETA
- Phi
- 4.000 180.000
- 2.000 180.000
- 2.000 180.000
- 4.000 180.000

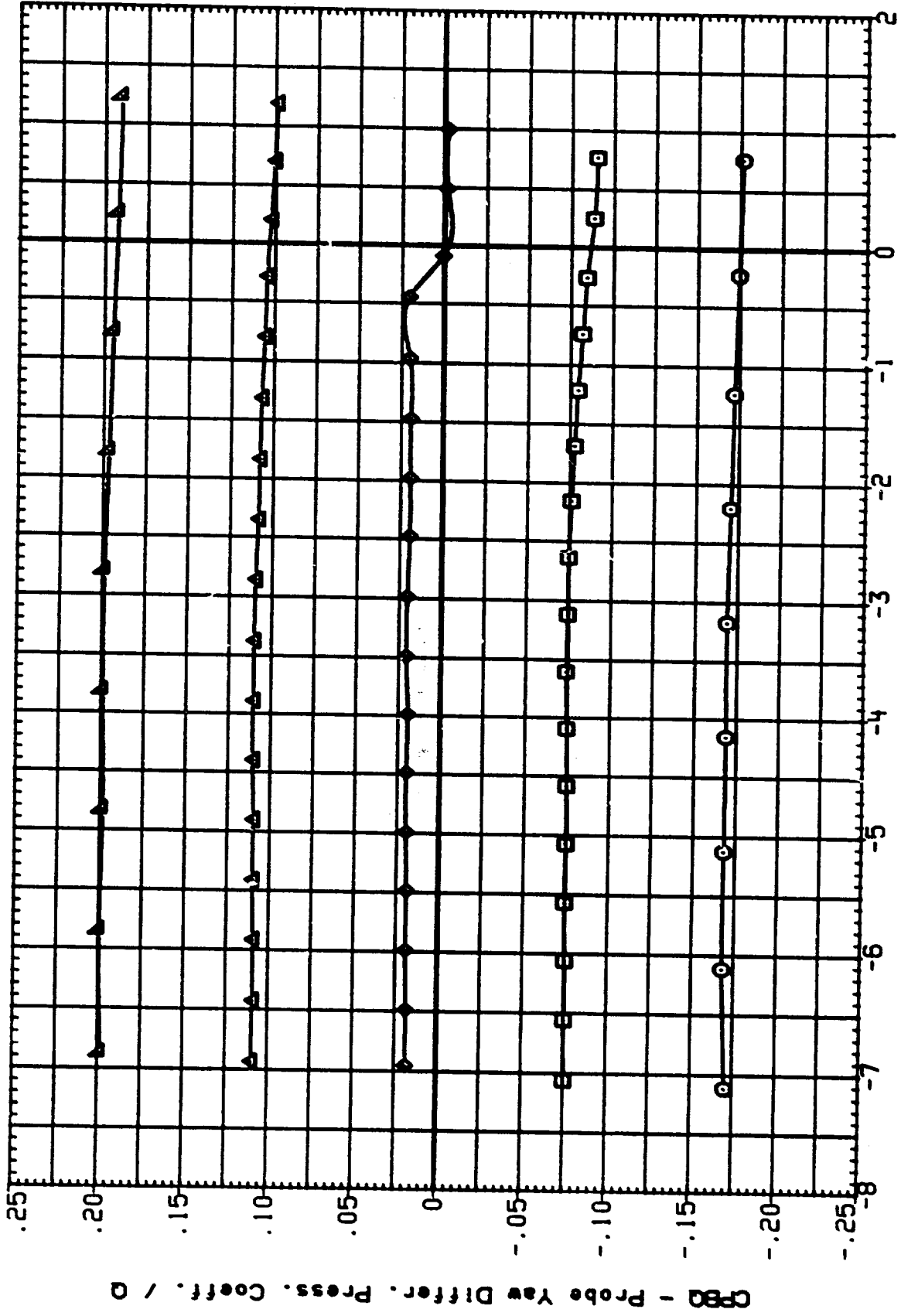


FIG. 1 AADS PROBE CALIBRATION - TEST SERIES 4

DATA	SYMBOL	CONFIGURATION	BETA	PHI
TCH042	○	IA310 (AEDC 161F-783) PROBE CALIBRATION	-4.000	180.000
TCH045	◇	IA310 (AEDC 161F-783) PROBE CALIBRATION	-2.000	180.000
TCH549	○	IA310 (AEDC 161F-783) PROBE CALIBRATION	2.000	180.000
TCH733	△	IA310 (AEDC 161F-783) PROBE CALIBRATION	4.000	180.000
TCH056	△	IA310 (AEDC 161F-783) PROBE CALIBRATION	4.000	180.000

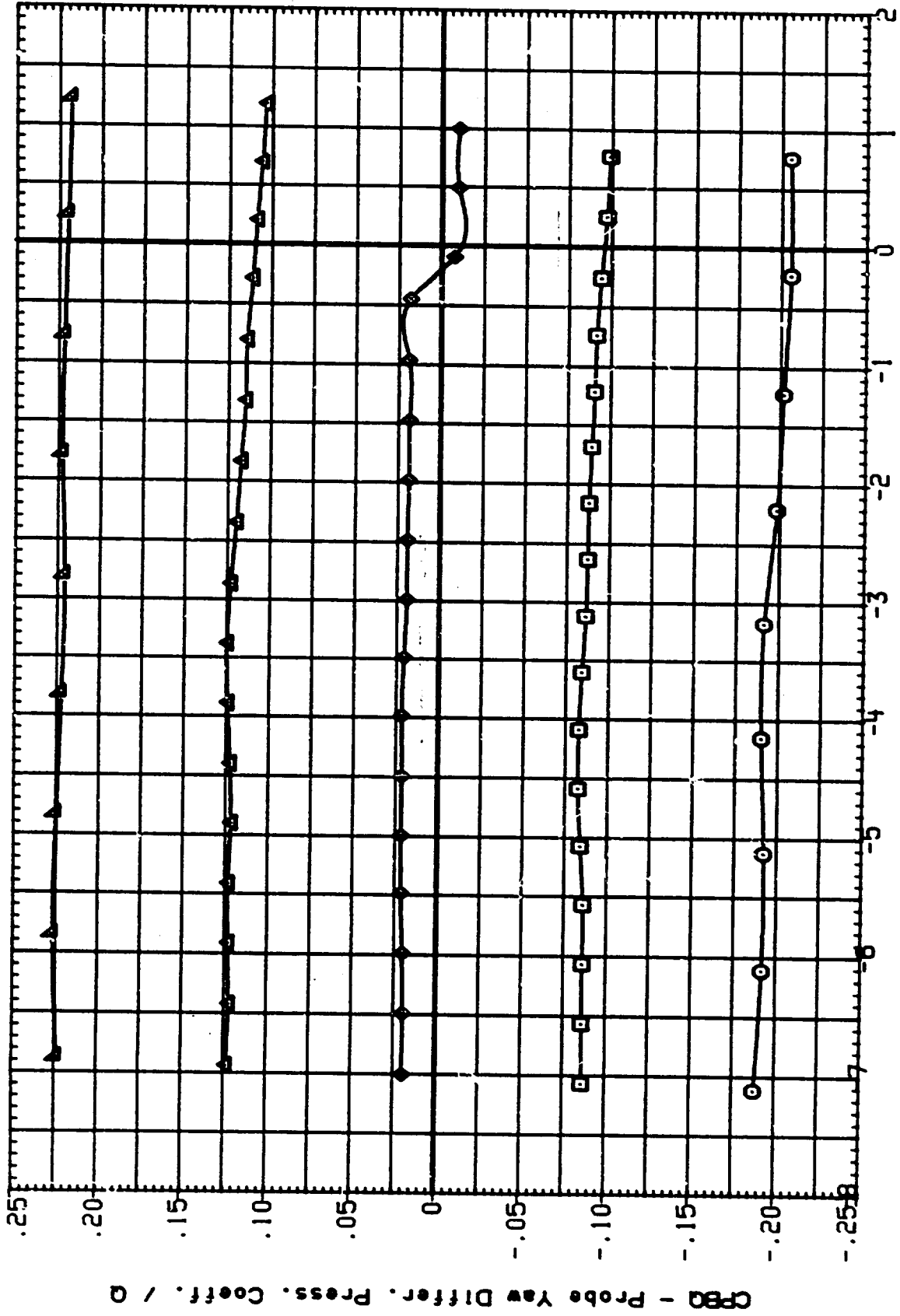


FIG. 1 AADS PROBE CALIBRATION - TEST SERIES 4

DATA SET SYMBOL
 TCH042
 TCH045
 TCH049
 TCH053
 TCH056

CONFIGURATION
 IA310 (AEDC 161F-783) PROBE CALIBRATION
 IA310 (AEDC 161F-783) PROBE CALIBRATION
 IA310 (AEDC 161F-783) PROBE CALIBRATION
 IA310 (AEDC 161F-783) PROBE CALIBRATION
 IA310 (AEDC 161F-783) PROBE CALIBRATION

BETA PHI
 -4.000 180.000
 -2.000 180.000
 .000 180.000
 2.000 180.000
 4.000 180.000

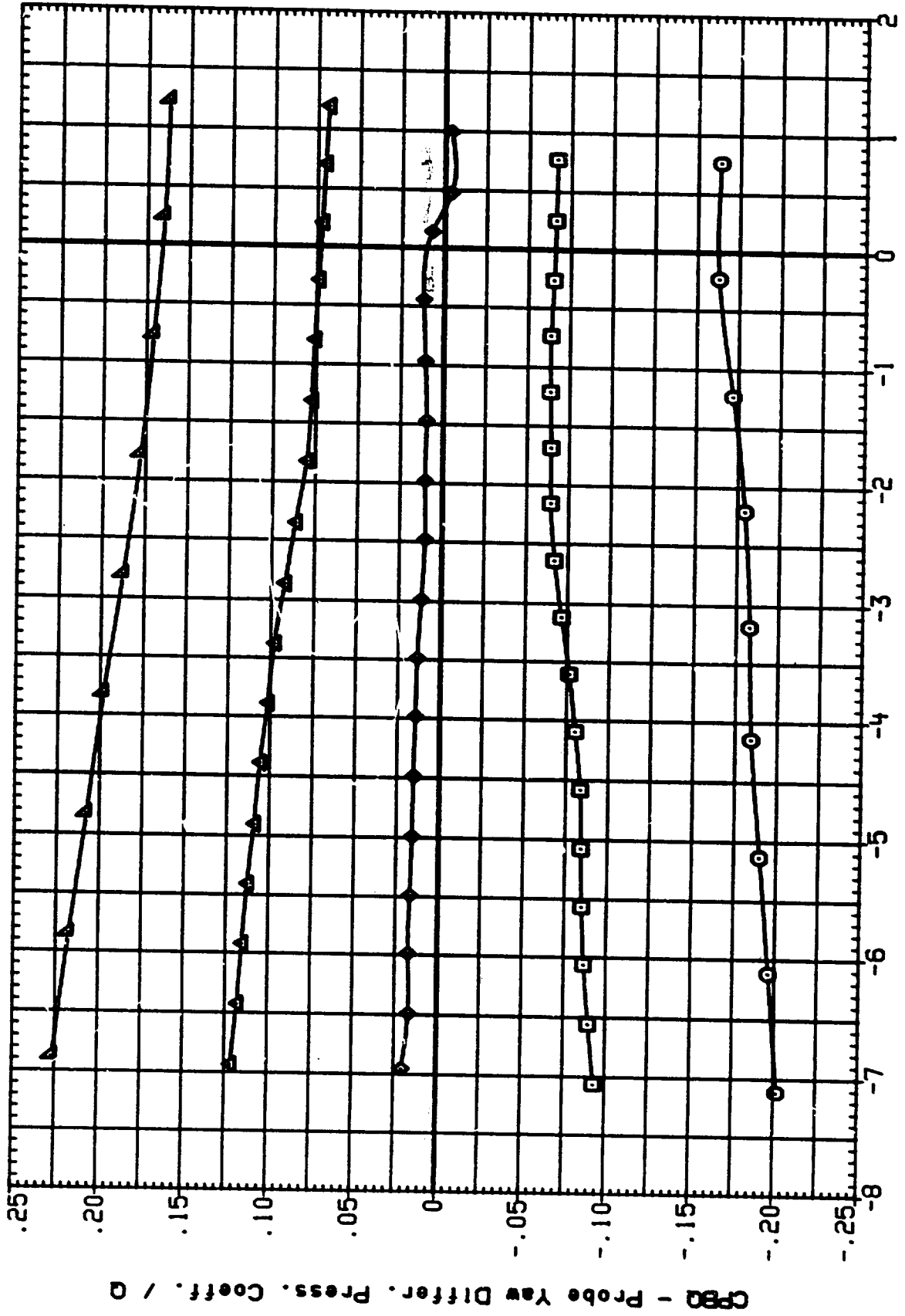


FIG. 1 AADS PROBE CALIBRATION - TEST SERIES 4

(K)MA = 1.54

DATE 22 T 91

DATA SET 60L

TCM012
TCM015
TCM019
TCM053
TCM056

IA310 (AEDC 161F-783) PROBE CALIBRATION
IA310 (AEDC 161F-783) PROBE CALIBRATION
IA310 (AEDC 161F-783) PROBE CALIBRATION
IA310 (AEDC 161F-783) PROBE CALIBRATION
IA310 (AEDC 161F-783) PROBE CALIBRATION

BETA
-4.000 180.000
-2.000 180.000
2.000 180.000
4.000 180.000

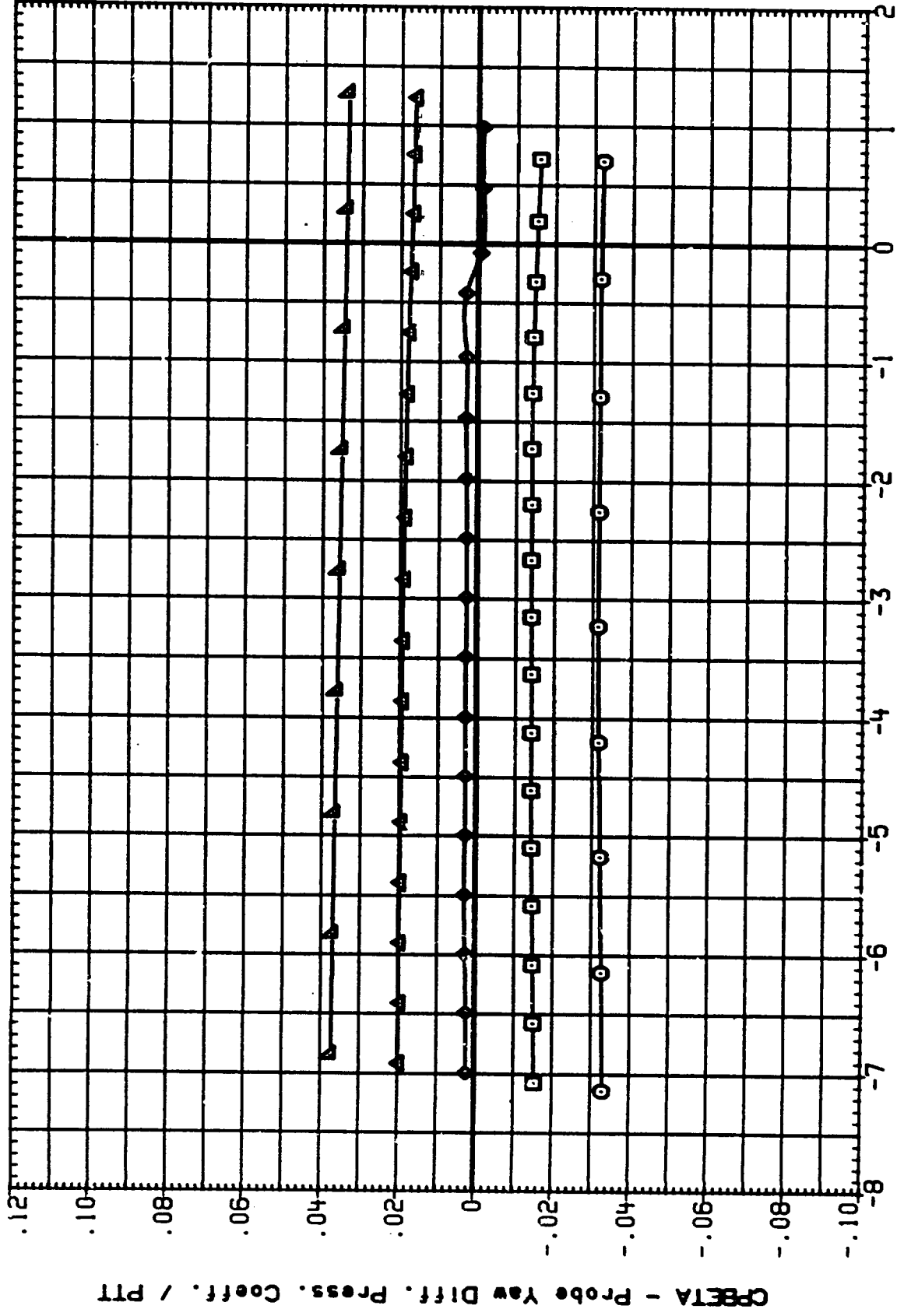


FIG. 1 AADS PROBE CALIBRATION - TEST SERIES 4

DATA SET SYMBOL	CONFIGURATION	BETA	PHI
TCM02	IA310 (AEDC 161F-783) PROBE CALIBRATION	-4.000	180.000
TCM05	IA310 (AEDC 161F-783) PROBE CALIBRATION	-2.000	180.000
TCM09	IA310 (AEDC 161F-783) PROBE CALIBRATION	.000	180.000
TCM03	IA310 (AEDC 161F-783) PROBE CALIBRATION	2.000	180.000
TCM06	IA310 (AEDC 161F-783) PROBE CALIBRATION	4.000	180.000

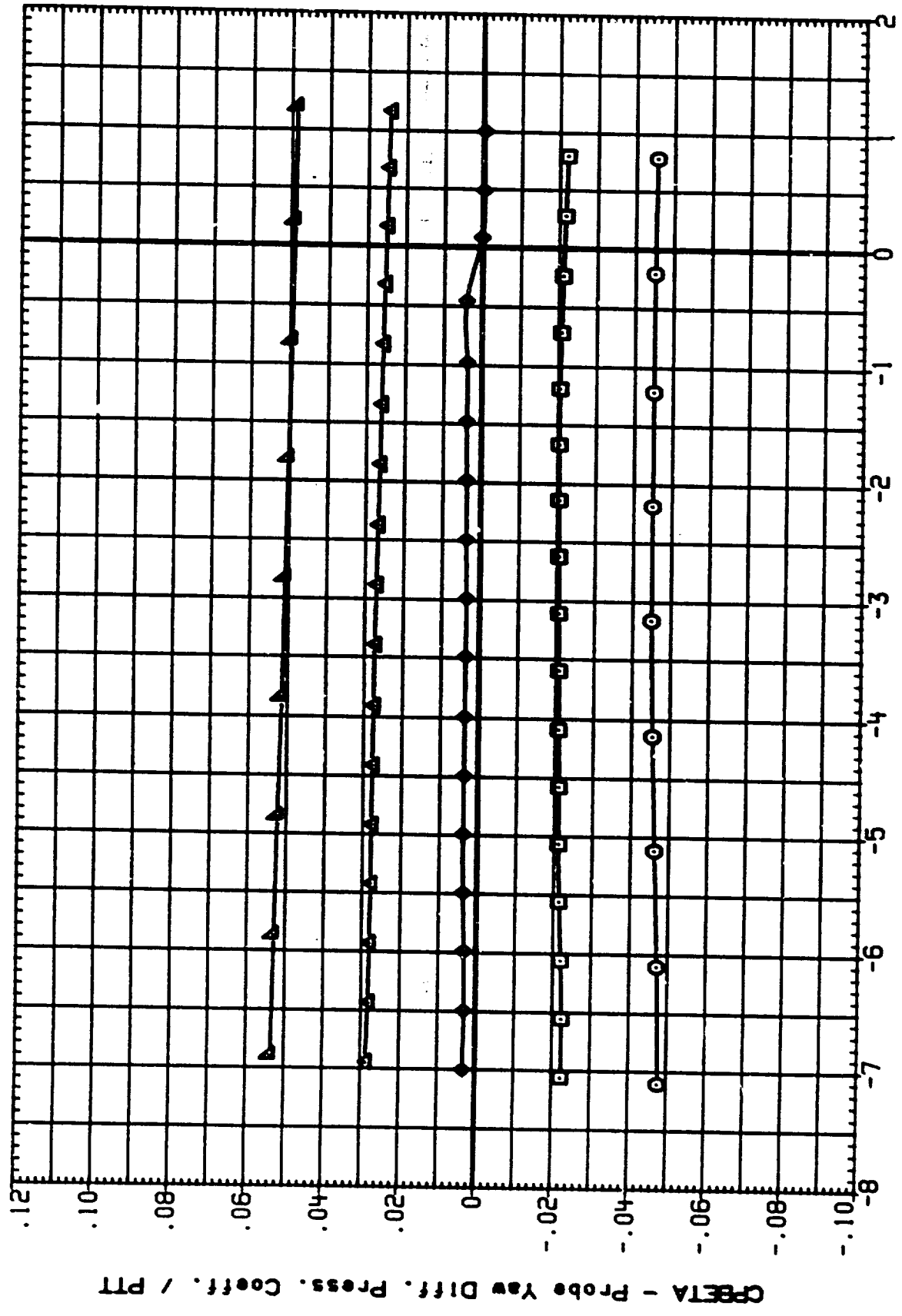


FIG. 1 AADS PROBE CALIBRATION - TEST SERIES 4

DATA S. .80L
 TCH042
 TCH045
 TCH549
 TCH053
 TCH056

IA310 (AEDC 161F-783) PROBE CALIBRATION
 IA310 (AEDC 161F-783) PROBE CALIBRATION
 IA310 (AEDC 161F-783) PROBE CALIBRATION
 IA310 (AEDC 161F-783) PROBE CALIBRATION

BETA °HI
 -4.000 180.000
 -2.000 180.000
 .000 180.000
 2.000 180.000
 4.000 180.000

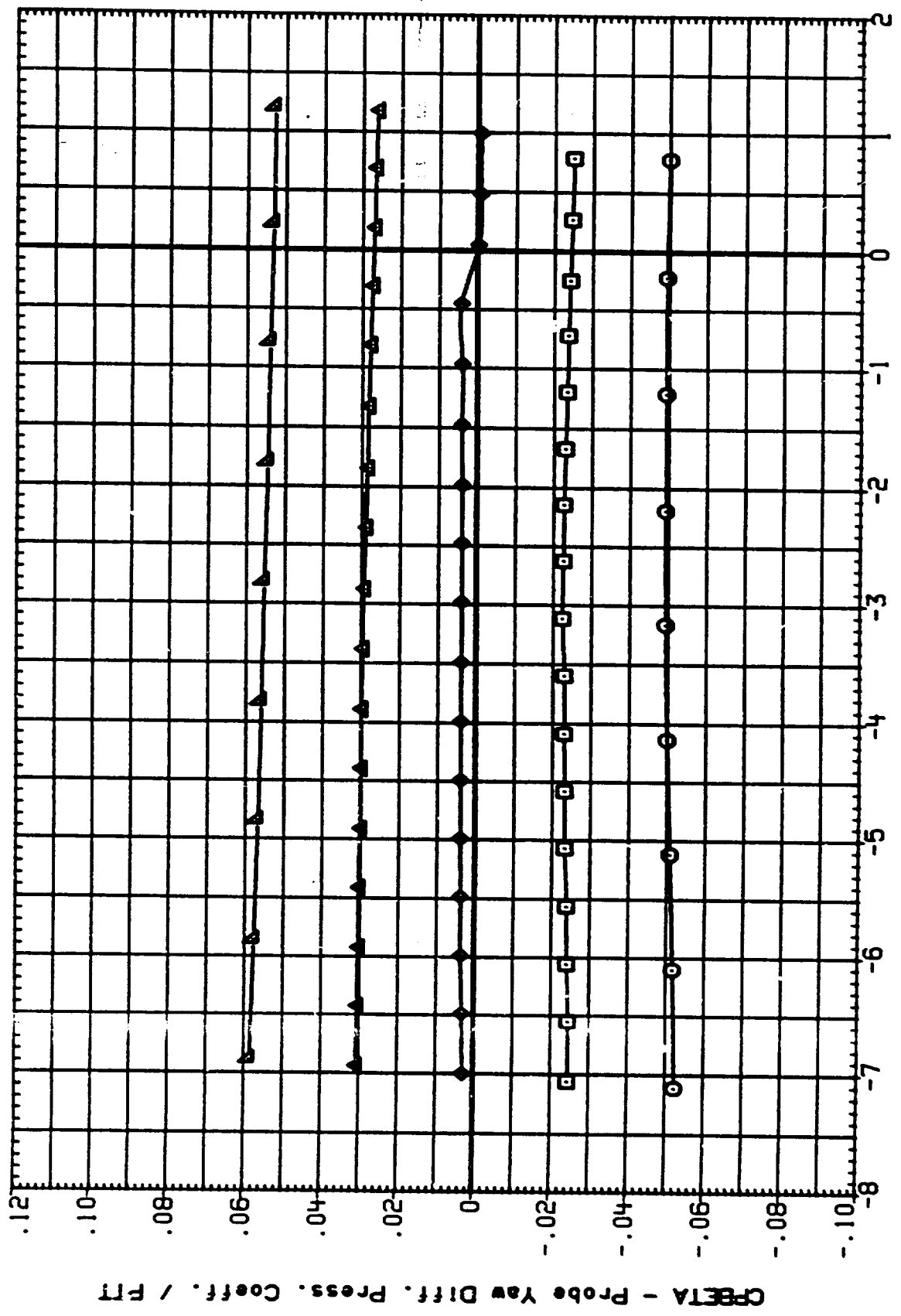


FIG. 1 AADS PROBE CALIBRATION - TEST SERIES 4

DATA SET SYMBOL
 TC4042
 TC4045
 TC4048
 TC4043
 TC4056

IA310 (AEDC 18TF-783) PROBE CALIBRATION
 IA310 (AEDC 18TF-783) PROBE CALIBRATION
 IA310 (AEDC 18TF-783) PROBE CALIBRATION
 IA310 (AEDC 18TF-783) PROBE CALIBRATION

BETA PHI
 -4.000 180.000
 -2.000 180.000
 2.000 180.000
 4.000 180.000

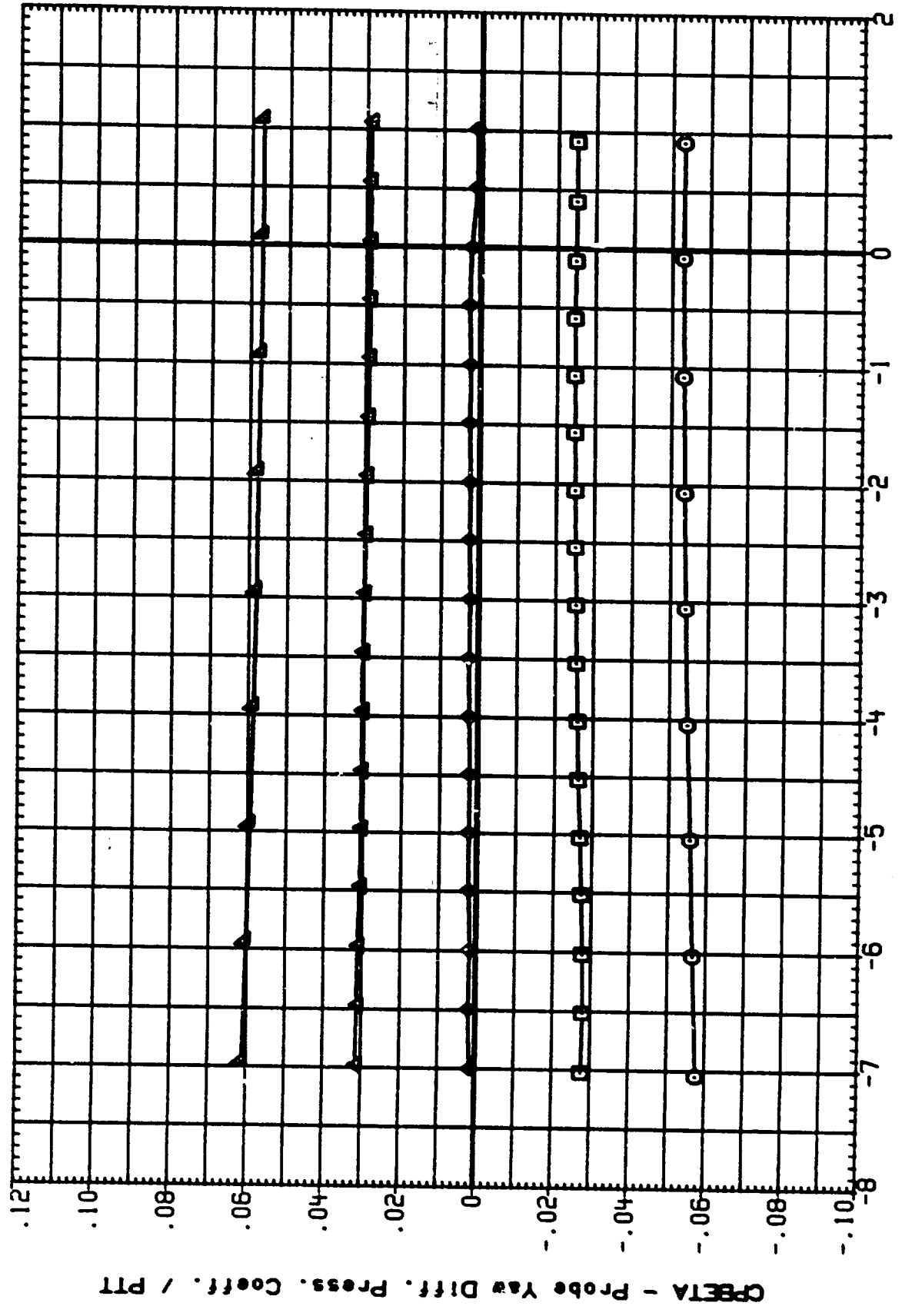


FIG. 1 AADS PROBE CALIBRATION - TEST SERIES 4

DATA 5

TCM042
TCM045
TCM549
TCM053
TCM056

CONFIGURATION

IA310 (AEDC 161F-783) PROBE CALIBRATION
IA310 (AEDC 161F-783) PROBE CALIBRATION
IA310 (AEDC 161F-783) PROBE CALIBRATION
IA310 (AEDC 161F-783) PROBE CALIBRATION

BETA

-4.000 180.000
-2.000 180.000
2.000 180.000
4.000 180.000

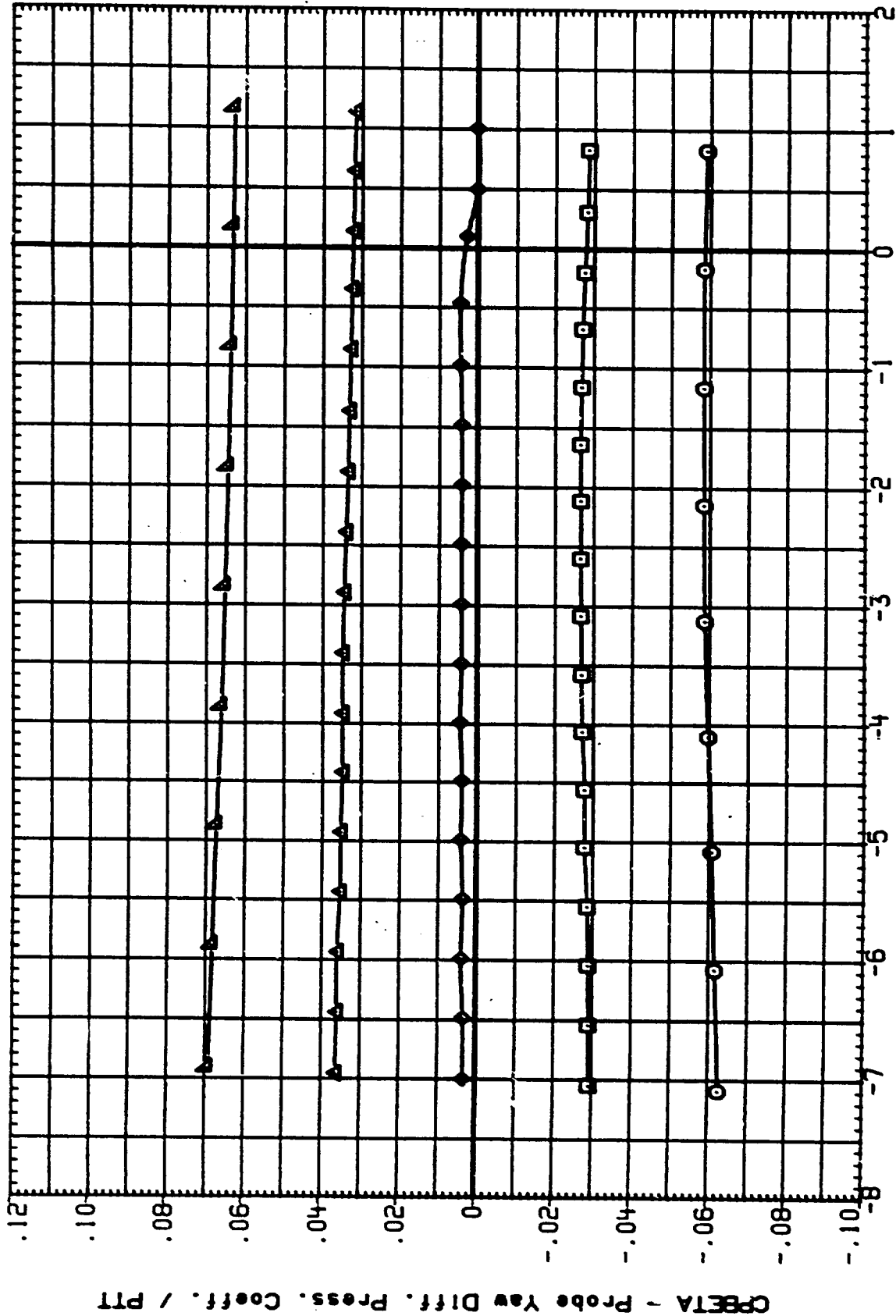


FIG. 1 AADS PROBE CALIBRATION - TEST SERIES 4

DATA SET SYMBOL

- TC042
- TC045
- TC049
- TC053
- TC056

CONFIGURATION

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

- BETA
- PHI
- 4.000 180.000
- 2.000 180.000
- .000 180.000
- 2.000 180.000
- 4.000 180.000

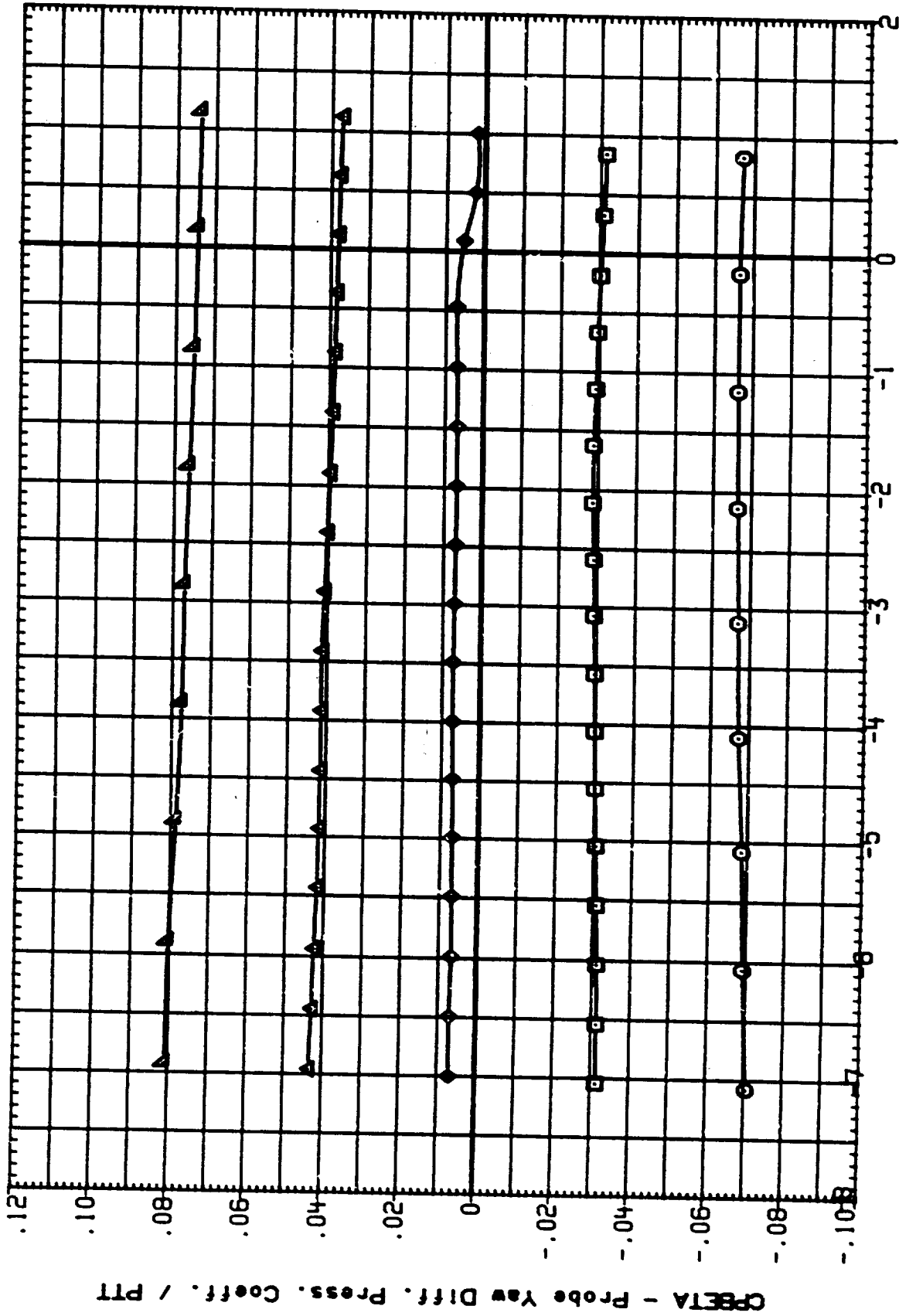


FIG. 1 AADS PROBE CALIBRATION - TEST SERIES 4

(F) 1 = 1.40

DATE 1 CT 91

DATA SET
 TCH042
 TCH045
 TCH049
 TCH053
 TCH056

CONFIGURATION
 IA310 (AEDC 16TF-783) PROBE CALIBRATION
 IA310 (AEDC 16TF-783) PROBE CALIBRATION
 IA310 (AEDC 16TF-783) PROBE CALIBRATION
 IA310 (AEDC 16TF-783) PROBE CALIBRATION

BETA
 -4.000 180.000
 -2.000 180.000
 2.000 180.000
 4.000 180.000

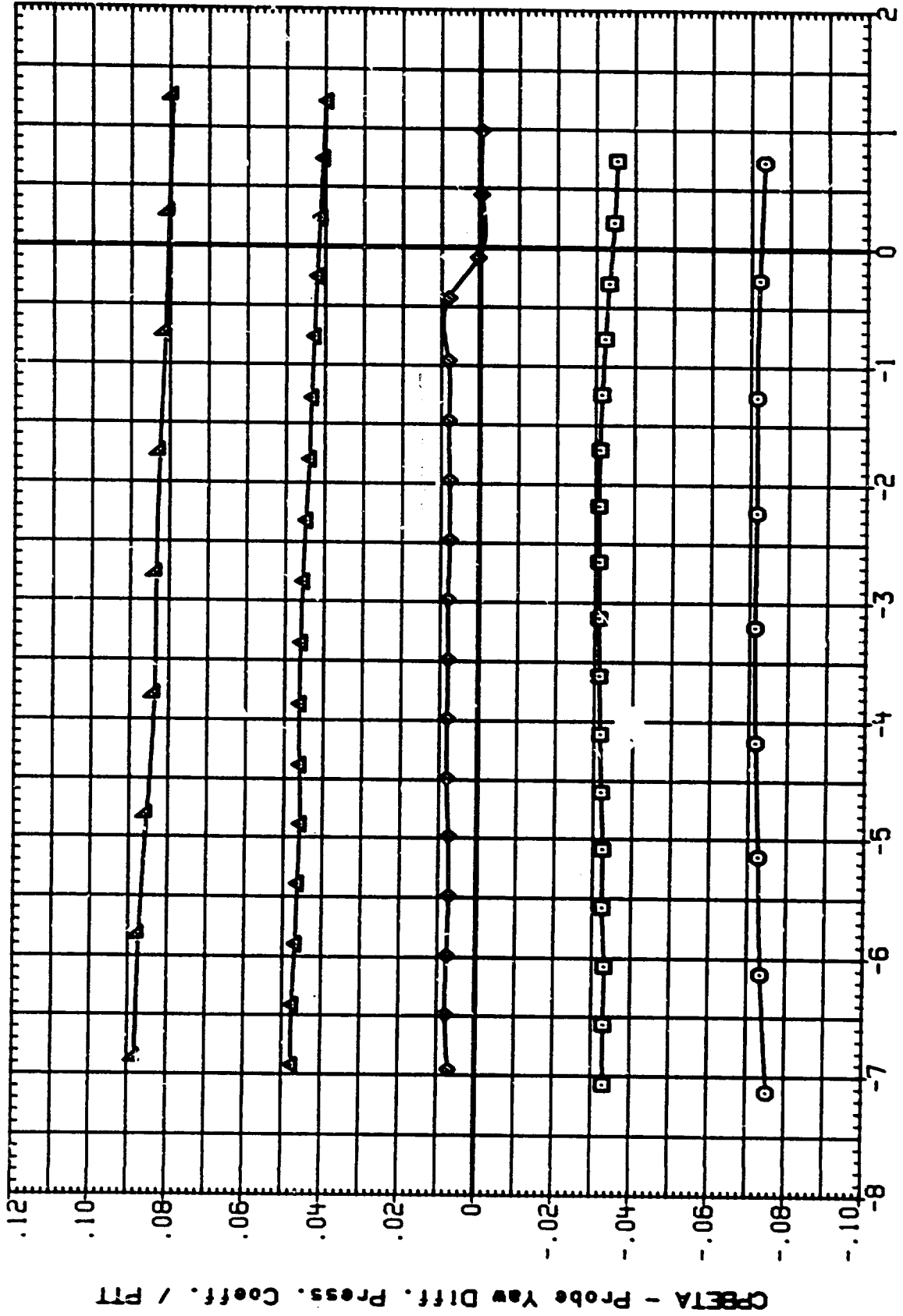


FIG. 1 AADS PROBE CALIBRATION - TEST SERIES 4

(G)MACH = 1.45

DATE 22 OCT 91

DATA SET SYMBOL	CONFIGURATION	BETA	PHI
TCM042	IA310 (AEDC 1B1F-783) PROBE CALIBRATION	-4.000	180.000
TCM045	IA310 (AEDC 1B1F-783) PROBE CALIBRATION	-2.000	180.000
TCM048	IA310 (AEDC 1B1F-783) PROBE CALIBRATION	.000	180.000
TCM053	IA310 (AEDC 1B1F-783) PROBE CALIBRATION	2.000	180.000
TCM056	IA310 (AEDC 1B1F-783) PROBE CALIBRATION	4.000	180.000

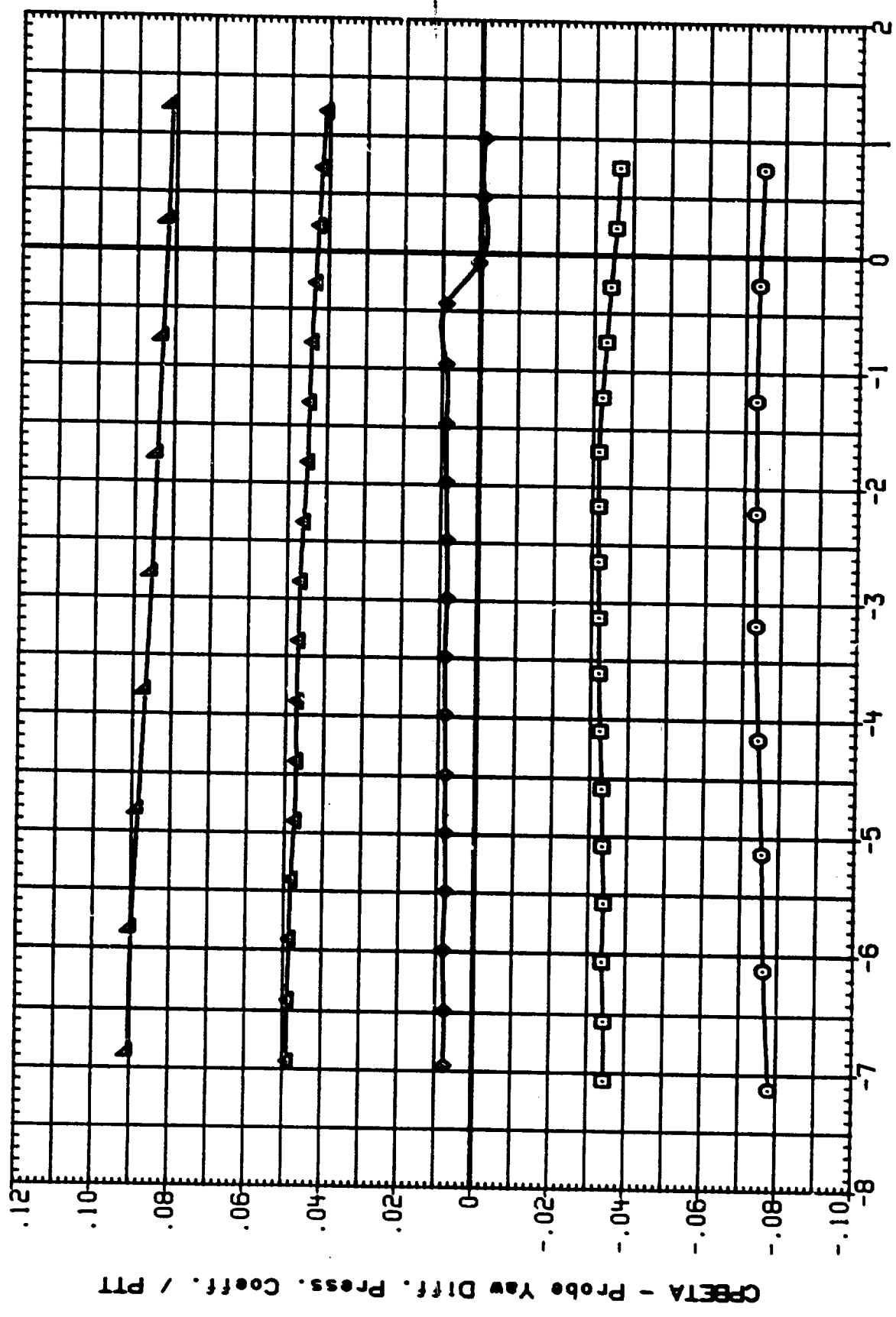


FIG. 1 AADS PROBE CALIBRATION - TEST SERIES 4

(H)MAC' = 1.47

DATE 22 91

DATA SET
 TCH042
 TCH045
 TCH049
 TCH053
 TCH056

CONFIGURATION
 IA310 (AEDC 16TF-783) PROBE CALIBRATION
 IA310 (AEDC 16TF-783) PROBE CALIBRATION
 IA310 (AEDC 16TF-783) PROBE CALIBRATION
 IA310 (AEDC 16TF-783) PROBE CALIBRATION

BETA
 -4.000 180.000
 -2.000 180.000
 2.000 180.000
 4.000 180.000

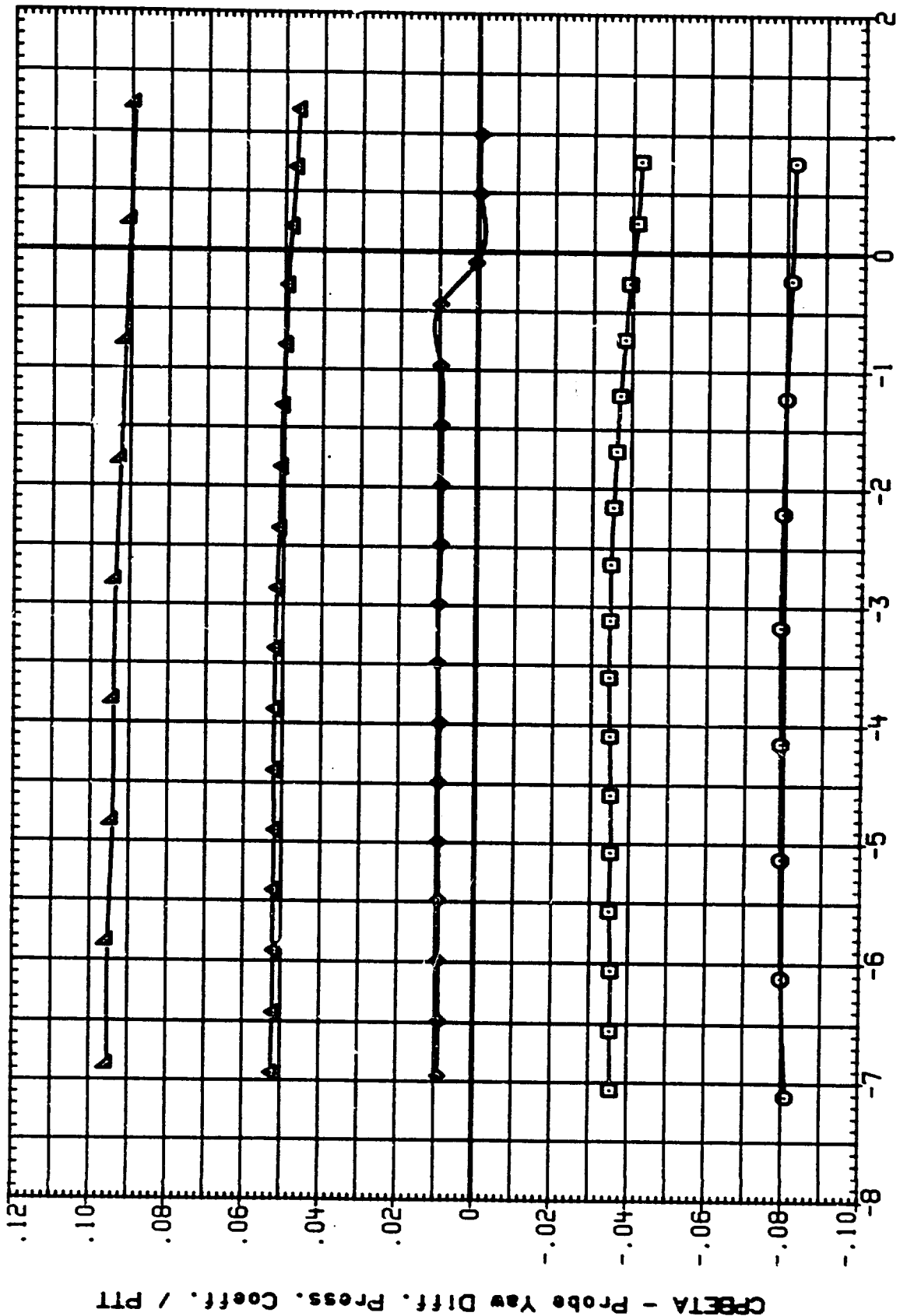


FIG. 1 AADS PROBE CALIBRATION - TEST SERIES 4

(1)MACH = 1.49

DATE 22 OCT 91

DATA SET SYMBOL

- TCM042
- TCM045
- TCM049
- TCM053
- TCM056

CONFIGURATION

- IA310 (AEDC 181F-783) PROBE CALIBRATION
- IA310 (AEDC 181F-783) PROBE CALIBRATION
- IA310 (AEDC 181F-783) PROBE CALIBRATION
- IA310 (AEDC 181F-783) PROBE CALIBRATION
- IA310 (AEDC 181F-783) PROBE CALIBRATION

- BETA
- 4.000
- 2.000
- .000
- 2.000
- 4.000
- PHI
- 180.000
- 180.000
- 180.000
- 180.000
- 180.000

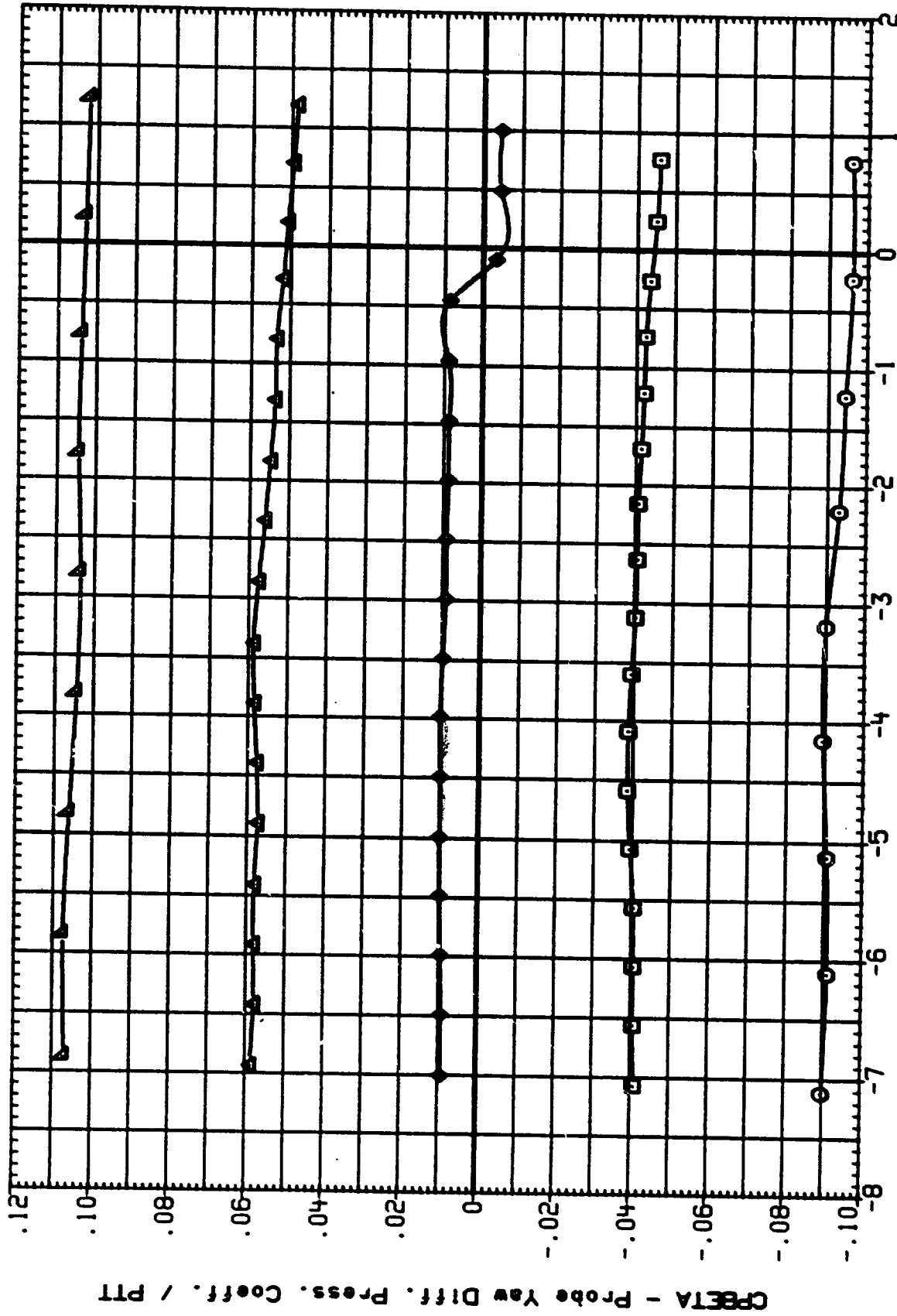


FIG. 1 AADS PROBE CALIBRATION - TEST SERIES 4

(J)MAC" = 1.52

DATE 22 OCT 91

DATA SET 90L

TCH044
TCH045
TCH049
TCH053
TCH056

CONFIGURATION	PROBE CALIBRATION
IA310 (AEDC 161F-783)	PROBE CALIBRATION
IA310 (AEDC 161F-783)	PROBE CALIBRATION
IA310 (AEDC 161F-783)	PROBE CALIBRATION
IA310 (AEDC 161F-783)	PROBE CALIBRATION

BETA	1000
-4.000	180.000
-2.000	180.000
2.000	180.000
4.000	180.000

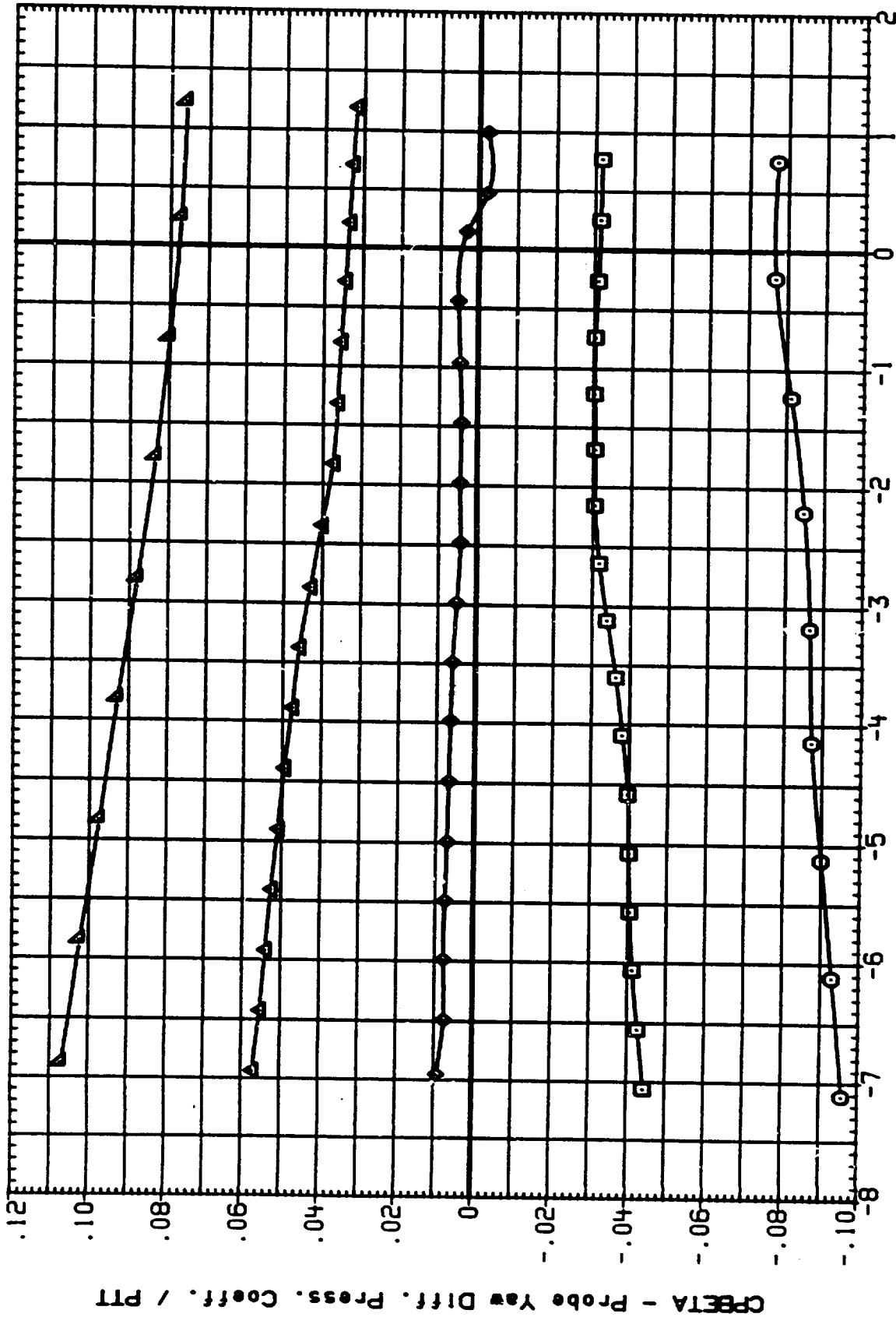


FIG. 1 AADS PROBE CALIBRATION - TEST SERIES 4

(K)MACH = 1.54

DATE 22 OCT 91

DATA SET SYMBOL

- UCH042
- UCH043
- UCH049
- UCH053
- UCH056

CONFIGURATION

- IA310 (AEDC 161F-783) PROBE CALIBRATION
- IA310 (AEDC 161F-783) PROBE CALIBRATION
- IA310 (AEDC 161F-783) PROBE CALIBRATION
- IA310 (ALTC 161F-783) PROBE CALIBRATION
- IA310 (AEDC 161F-783) PROBE CALIBRATION

BETA

- 4.000
- 2.000
- .000
- 2.000
- 4.000

PHI

- 180.000
- 180.000
- 180.000
- 180.000
- 180.000

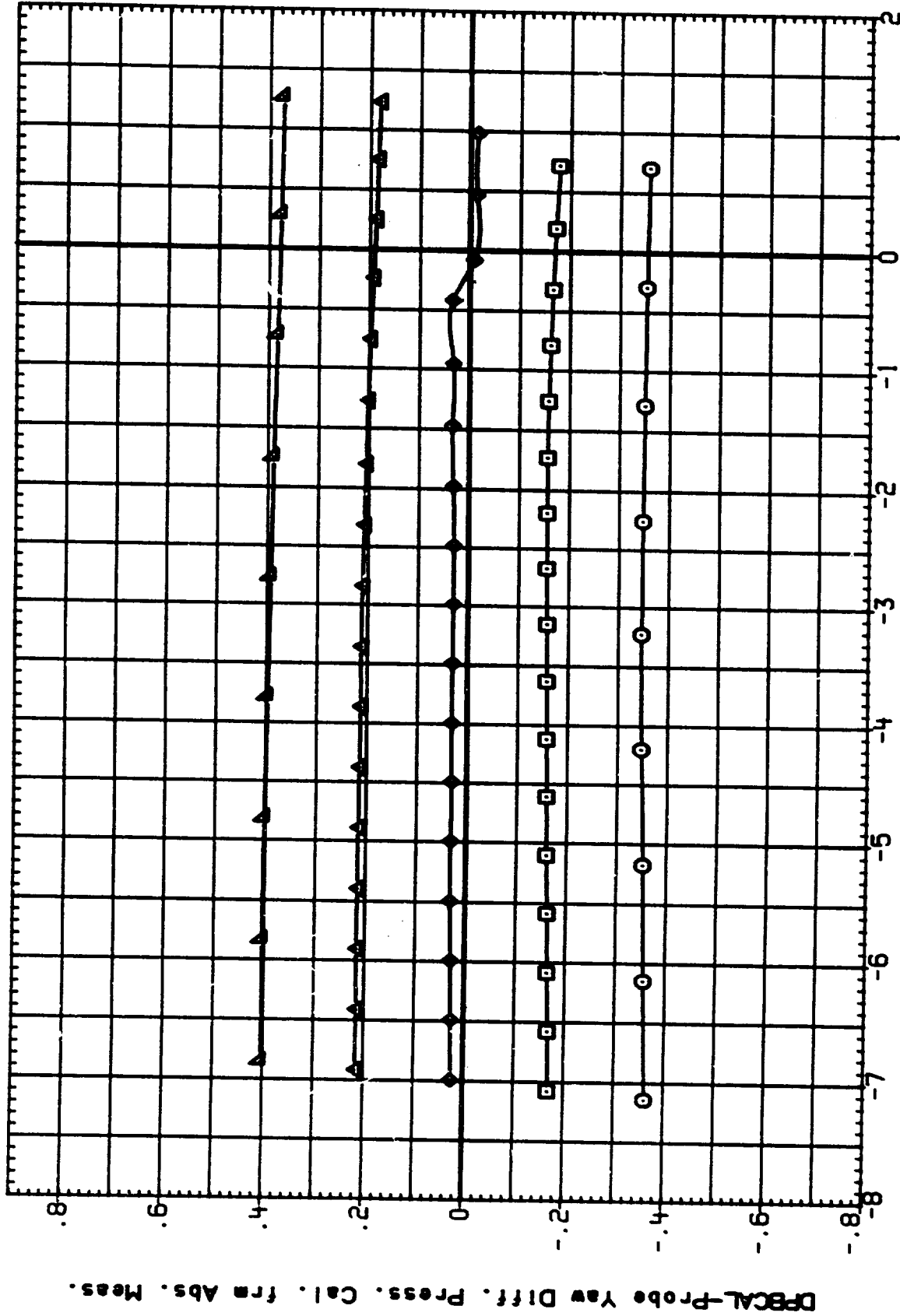


FIG. 1 AADS PROBE CALIBRATION - TEST SERIES 4

(A) MACH = .60

DATE 22 OCT 91

DATA SET SYMBOL

UCH07
UCH08
UCH09
UCH053
UCH056

CONFIGURATION	PROBE	CALIBRATION
IA310 (AEDC 16TF-783)	PROBE	CALIBRATION
IA310 (AEDC 16TF-783)	PROBE	CALIBRATION
IA310 (AEDC 16TF-783)	PROBE	CALIBRATION
IA310 (AEDC 16TF-783)	PROBE	CALIBRATION

BETA	PHI
-4.01	0.000
-2.01	0.000
0.000	0.000
2.000	180.000
4.000	180.000

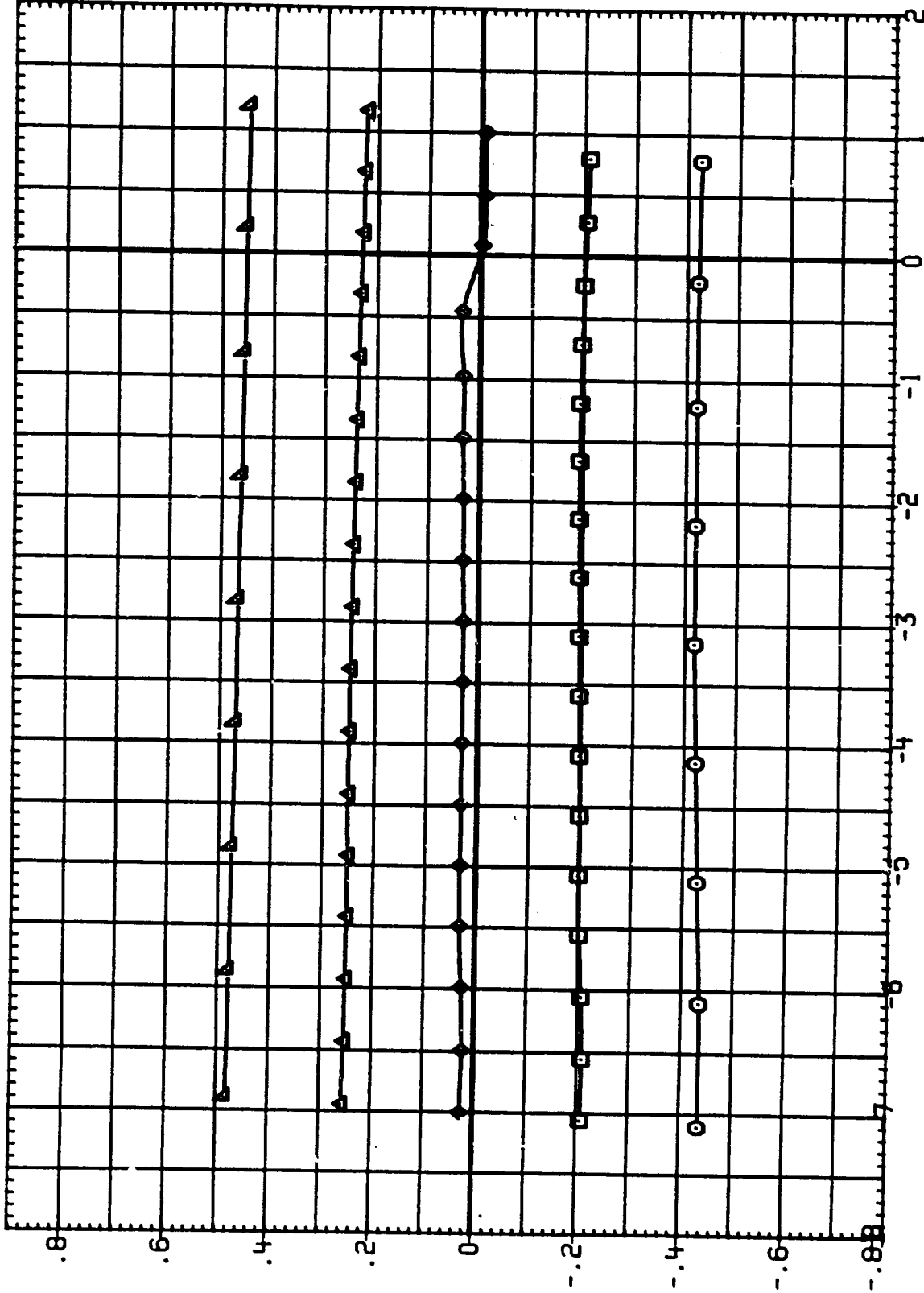


FIG. 1 AADS PROBE CALIBRATION - TEST SERIES 4

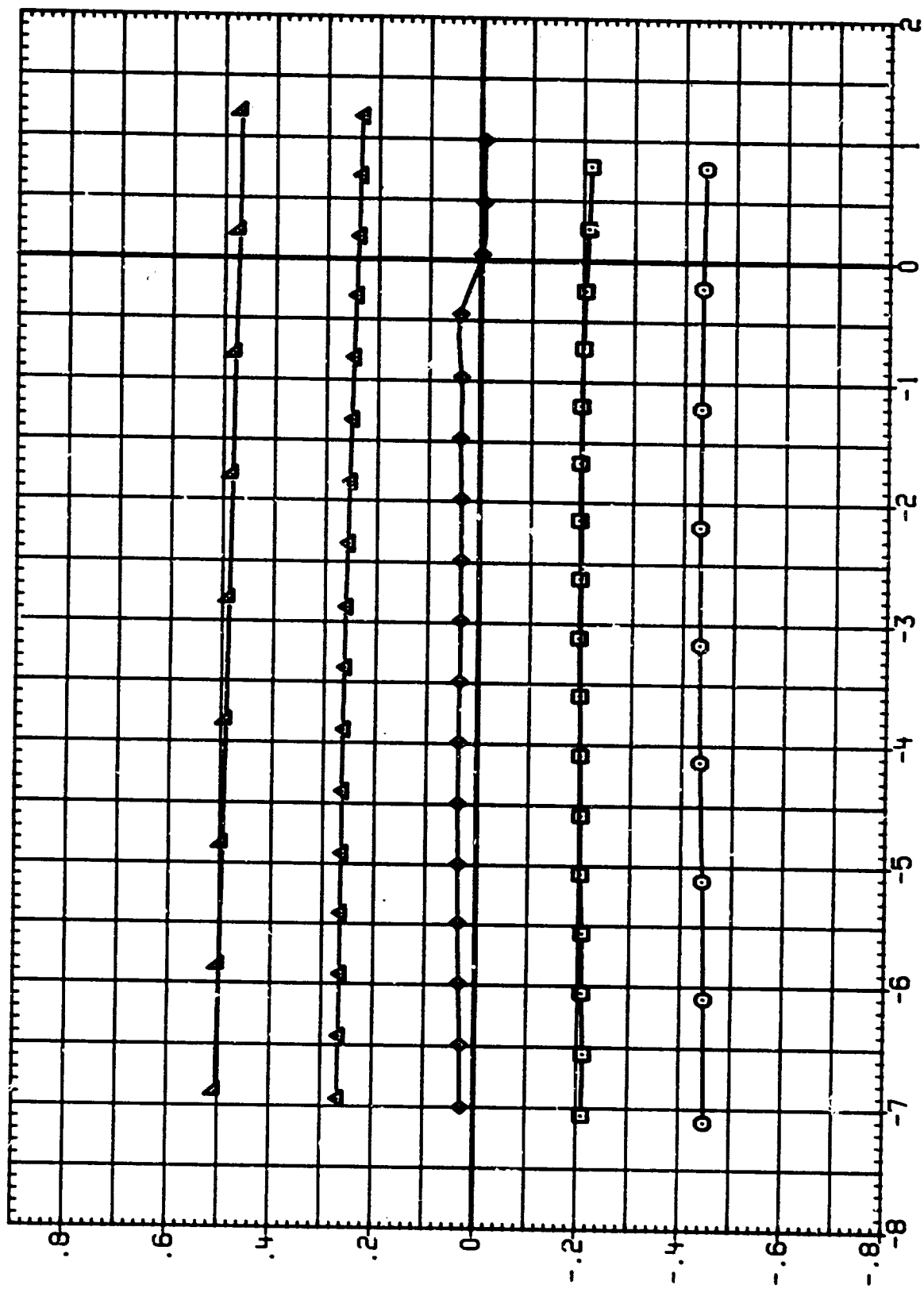
(B)MACH = .80

DATE 22 OCT 91

DATA SET SYMBOL
 UCH042
 UCH045
 UCH048
 UCH053
 UCH056

CONFIGURATION
 IA310 (AEDC 16TF-783) PROBE CALIBRATION
 IA310 (AEDC 16TF-783) PROBE CALIBRATION
 IA310 (AEDC 16TF-783) PROBE CALIBRATION
 IA310 (AEDC 16TF-783) PROBE CALIBRATION
 IA310 (AEDC 16TF-783) PROBE CALIBRATION

BETA PHI
 -4.000 180.000
 -2.000 180.000
 .000 180.000
 2.000 180.000
 4.000 180.000



DPBCAL-Probe Yaw Diff. Press. Cal. from Abs. Meas.

FIG. 1 AADS PROBE CALIBRATION - TEST SERIES 4

(C)MACH = .90

DATE 22 OCT 91

DATA 2.1 SYRDL
 UCH042
 UCH045
 UCH049
 UCH053
 UCH056

IA310 (AEDC 18TF-783) PROBE CALIBRATION
 IA310 (AEDC 16TF-783) PROBE CALIBRATION
 IA310 (AEDC 16TF-783) PROBE CALIBRATION
 IA310 (AEDC 18TF-783) PROBE CALIBRATION
 IA310 (AEDC 16TF-783) PROBE CALIBRATION

BETA PHI
 -4.000 180.000
 -2.000 180.000
 .000 180.000
 2.000 180.000
 4.000 180.000

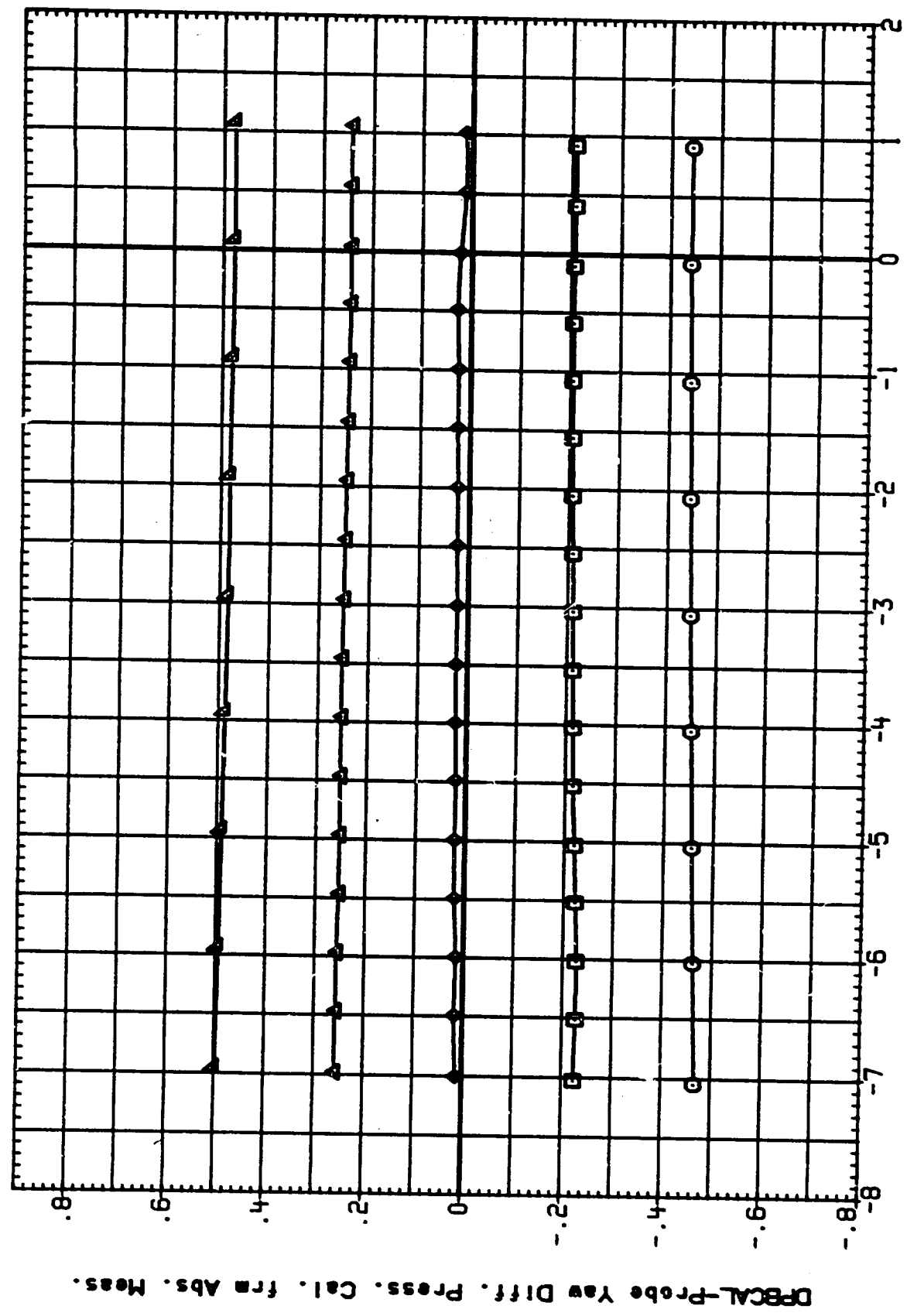


FIG. 1 AADS PROBE CALIBRATION - TEST SERIES 4

(D)MACH = 1.10

DATE 22 OCT 91

DATA SET SYMBOL

UCH042
UCH045
UCH0549
UCH053
UCH056

□
◇
△

CONFIGURATION

IA310 (AEDC 181F-783) PROBE CALIBRATION
IA310 (AEDC 181F-783) PROBE CALIBRATION
IA310 (AEDC 181F-783) PROBE CALIBRATION
IA310 (AEDC 181F-783) PROBE CALIBRATION

BETA PHI

-4.000 180.000
-2.000 180.000
.000 180.000
2.000 180.000
4.000 180.000

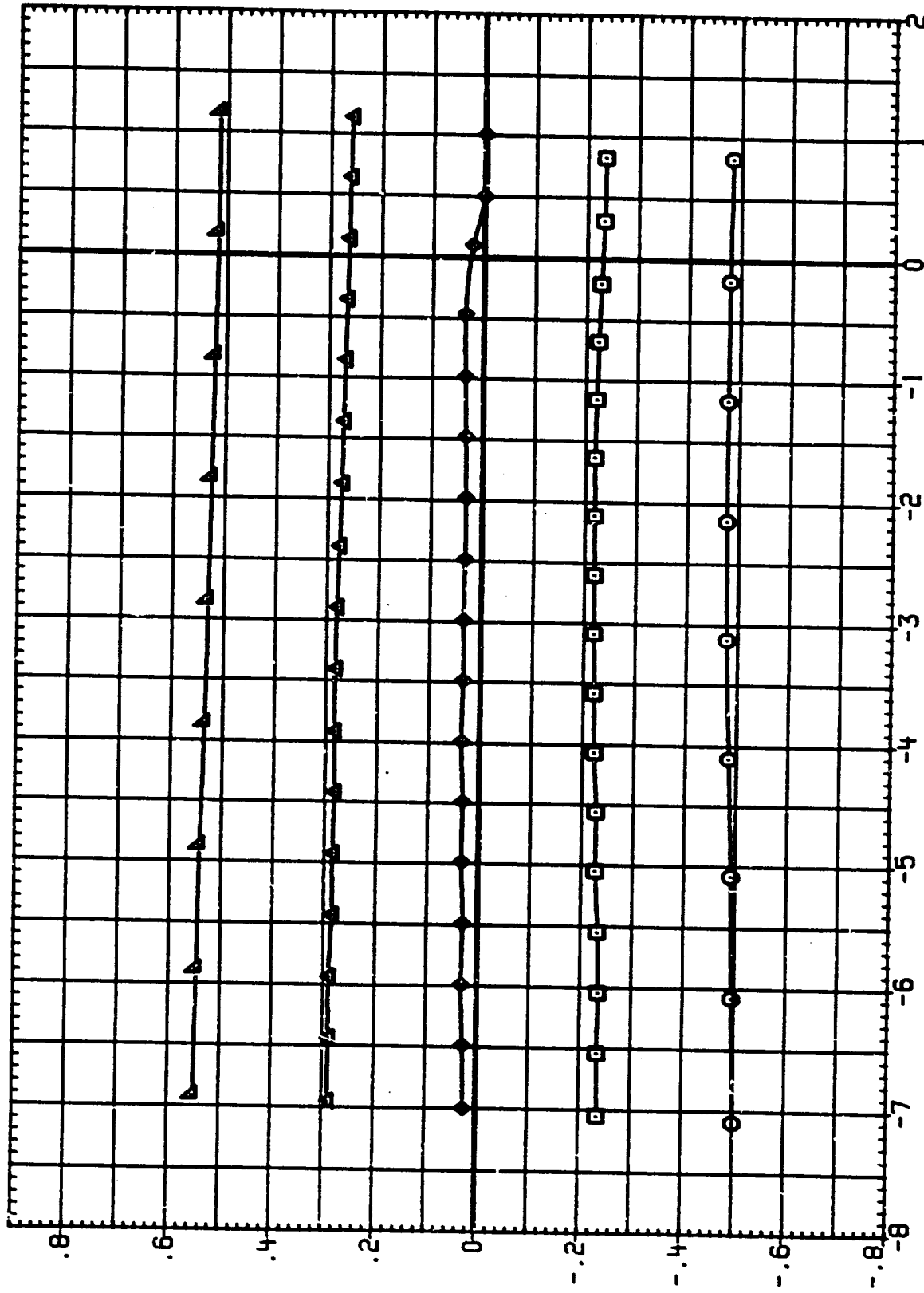


FIG. 1 AADS PROBE CALIBRATION - TEST SERIES 4

(E)MACH = 1.25

DATE 22 OCT 91

DATA SET SYMBOL
 UCH042
 UCH045
 UCH049
 UCH053
 UCH056

CONFIGURATION
 IAS10 (AEDC 181F-783) PROBE CALIBRATION
 IAS10 (AEDC 181F-783) PROBE CALIBRATION
 IAS10 (AEDC 181F-783) PROBE CALIBRATION
 IAS10 (AEDC 181F-783) PROBE CALIBRATION

BETA PHI
 -4.000 180.000
 -2.000 180.000
 2.000 180.000
 4.000 180.000

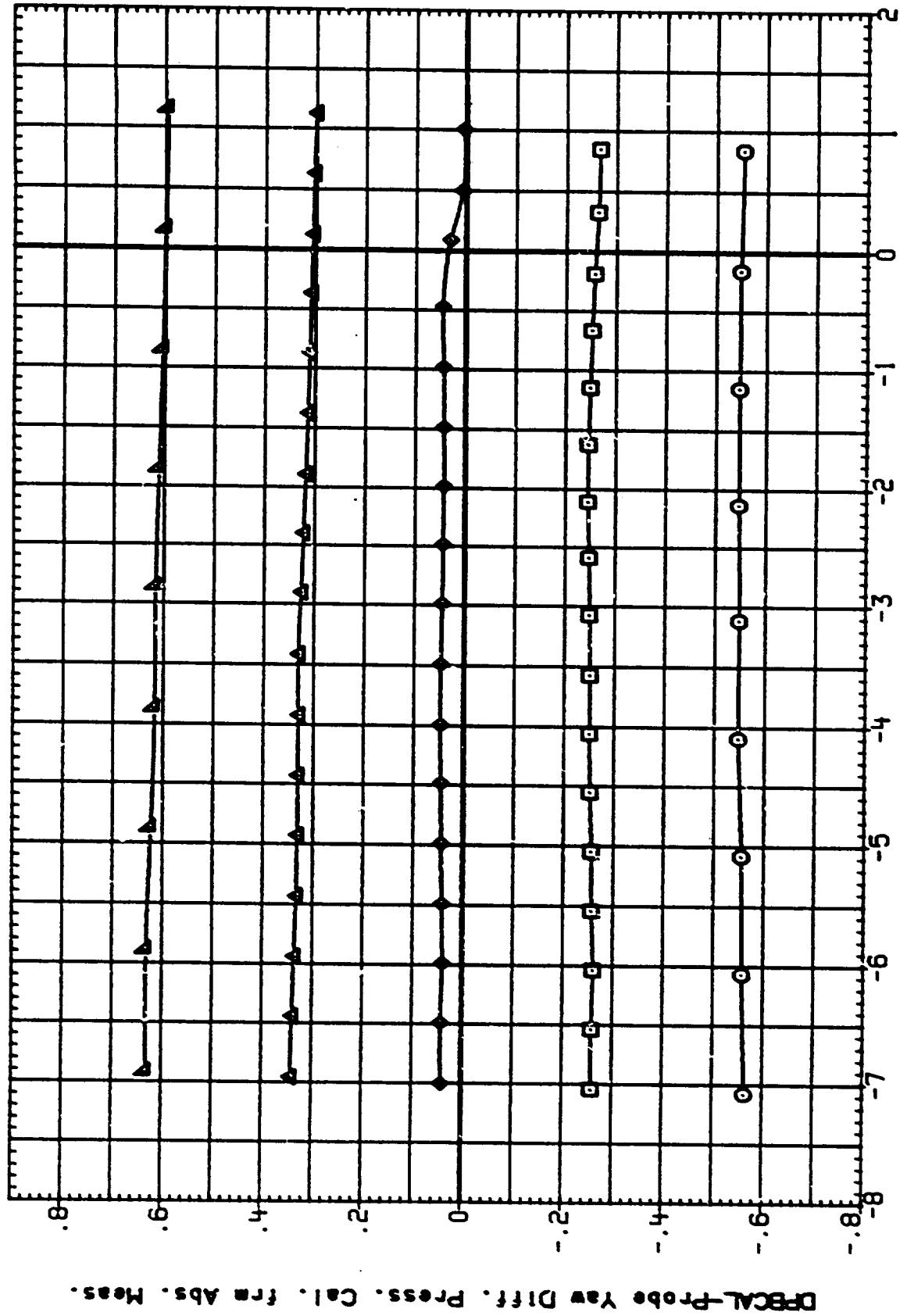


FIG. 1 AADS PROBE CALIBRATION - TEST SERIES 4

(F)MACH = 1.40

DATE 22 OCT 91

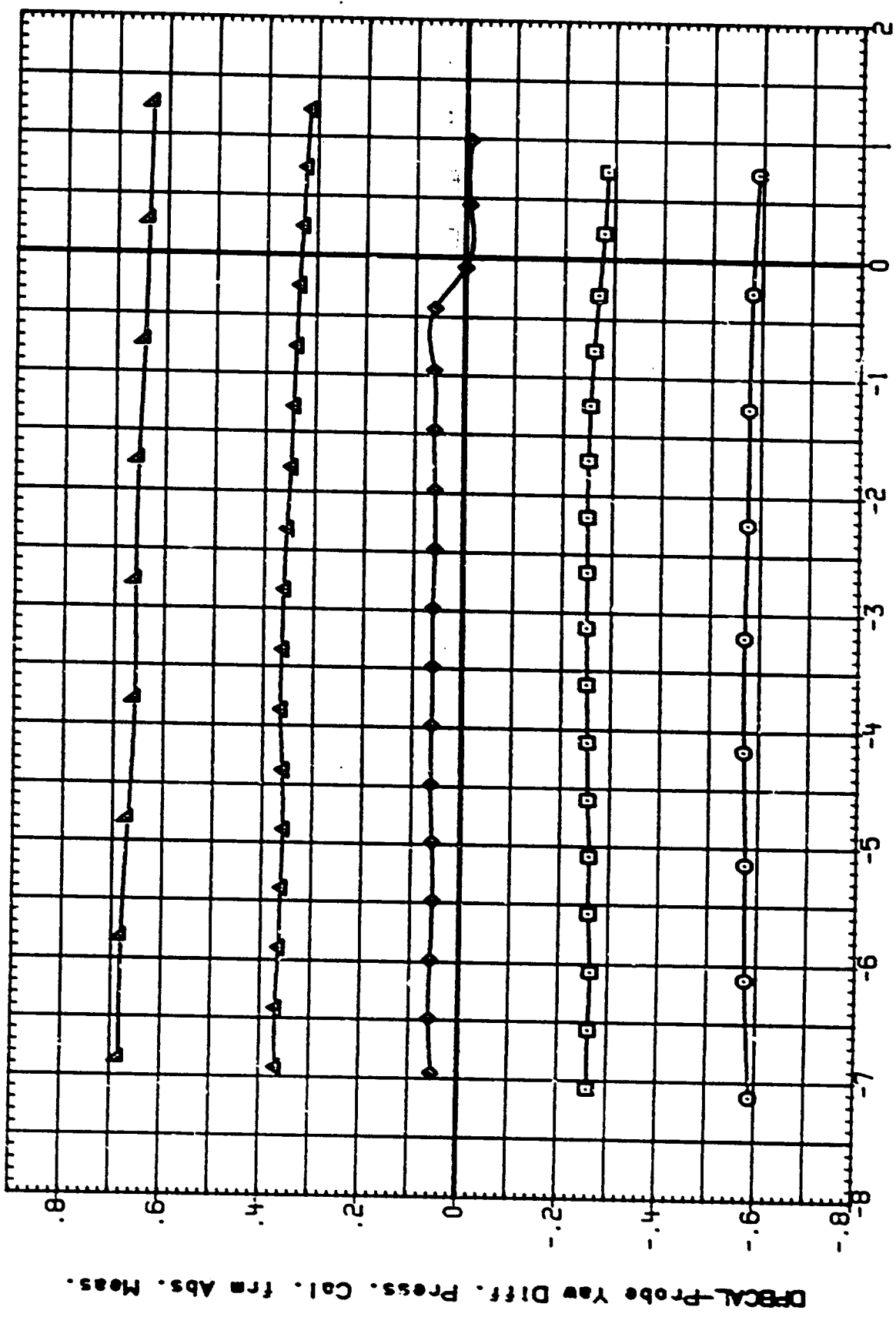
DATA SET SYMBOL

- UCH042
- UCH045
- UCH049
- UCH053
- UCH056

CONFIGURATION

- IA310 (AEDC 161F-783) PROBE CALIBRATION
- IA310 (AEDC 161F-783) PROBE CALIBRATION
- IA310 (AEDC 161F-783) PROBE CALIBRATION
- IA310 (AEDC 161F-783) PROBE CALIBRATION
- IA310 (AEDC 161F-783) PROBE CALIBRATION

- BETA PHI
- 4.000 180.000
- 2.000 180.000
- 2.000 180.000
- 4.000 180.000



DFBCAL Probe Yaw Diff. Press. Col. from Abs. Meas.

FIG. 1 AADS PROBE CALIBRATION - TEST SERIES 4

(G)MACH = 1.45

DATE 22 OCT 91

DATA SET SYMBOL

- UCH042
- UCH045
- UCH049
- UCH053
- UCH056

CONFIGURATION

- IA310 (AEDC 161F-783) PROBE CALIBRATION
- IA310 (AEDC 161F-783) PROBE CALIBRATION
- IA310 (AEDC 161F-783) PROBE CALIBRATION
- IA310 (AEDC 161F-783) PROBE CALIBRATION

BETA PHI

- 4.000 180.000
- 2.000 180.000
- .000 180.000
- 2.000 180.000
- 4.000 180.000

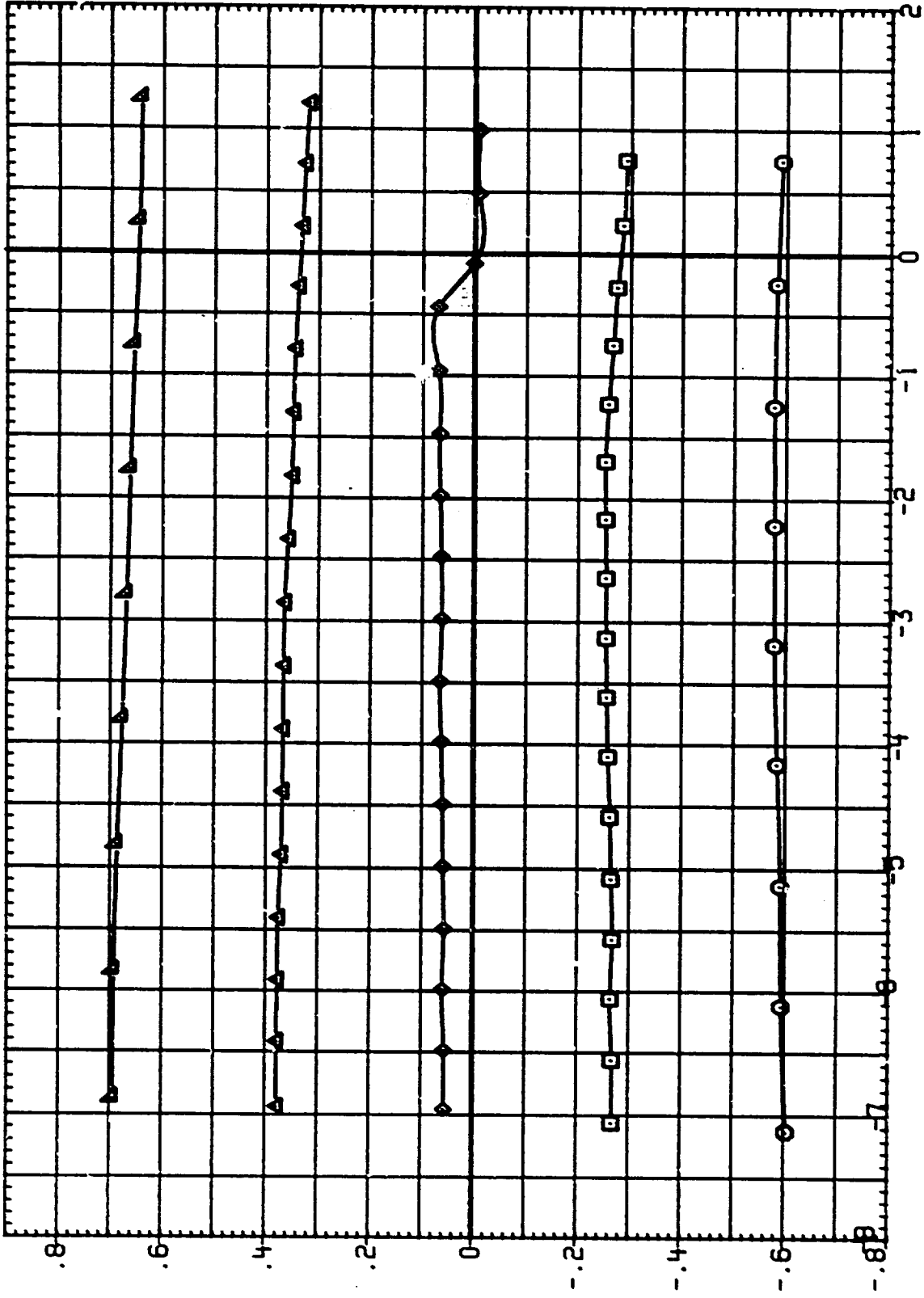


FIG. 1 AADS PROBE CALIBRATION - TEST SERIES 4

DATA SET SYMBOL
 UCH042
 UCH045
 UCH049
 UCH053
 UCH056

CONFIGURATION
 IA310 (AEDC 161F-783) PROBE CALIBRATION
 IA310 (AEDC 161F-783) PROBE CALIBRATION
 IA310 (AEDC 161F-783) PROBE CALIBRATION
 IA310 (AEDC 161F-783) PROBE CALIBRATION
 IA310 (AEDC 161F-783) PROBE CALIBRATION

BETA PHI
 -4.000 180.000
 -2.000 180.000
 .000 180.000
 2.000 180.000
 4.000 180.000

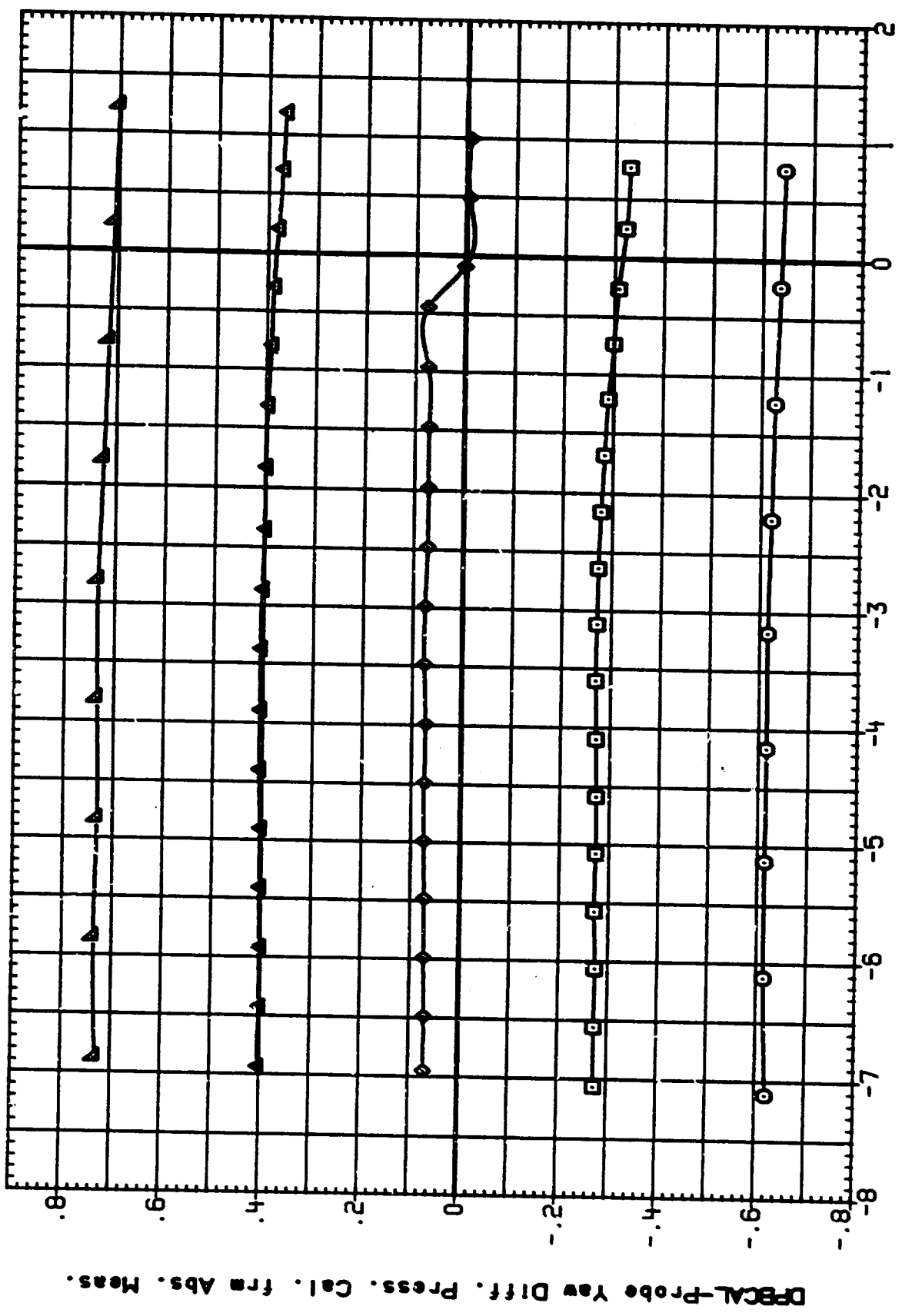


FIG. 1 AADS PROBE CALIBRATION - TEST SERIES 4

(1)MACH = 1.49

DATE 22 OCT 91

DATA SET SYMBOL
 UCH042
 UCH045
 UCH049
 UCH053
 UCH056

CONFIGURATION
 IA310 (AEDC 161F-783) PROBE CALIBRATION
 IA310 (AEDC 161F-783) PROBE CALIBRATION
 IA310 (AEDC 161F-783) PROBE CALIBRATION
 IA310 (AEDC 161F-783) PROBE CALIBRATION
 IA310 (AEDC 161F-783) PROBE CALIBRATION

BETA PHI
 -4.000 180.000
 -2.000 180.000
 .000 180.000
 2.000 180.000
 4.000 180.000

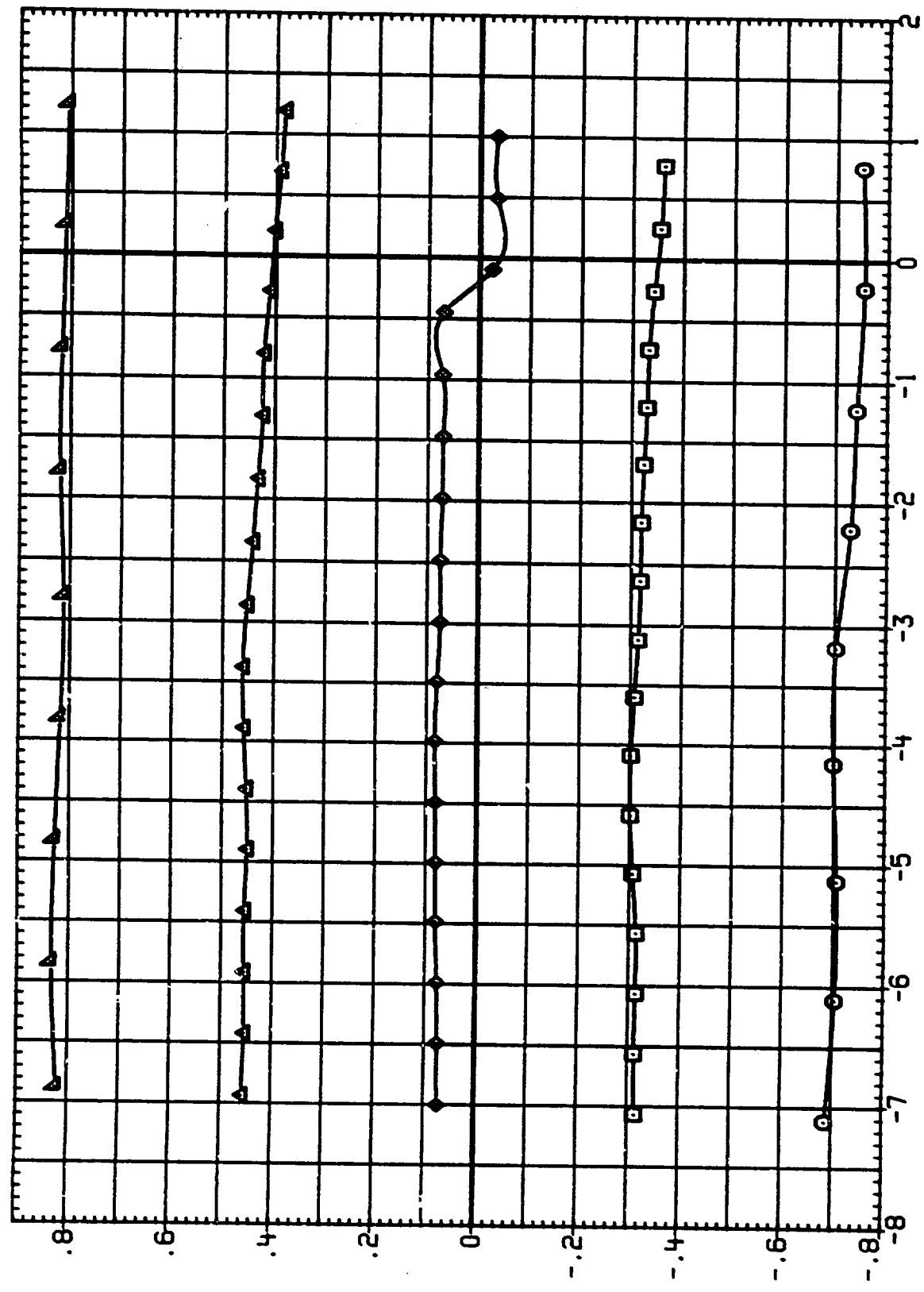


FIG. 1 AADS PROBE CALIBRATION - TEST SERIES 4

(J)MACH = 1.52

DATE 22 OCT 91

DATA SET SYMBOL

UCH042
UCH045
UCH049
UCH053
UCH056

IA310 (AEDC 181F-783) PROBE CALIBRATION
IA310 (AEDC 181F-783) PROBE CALIBRATION
IA310 (AEDC 181F-783) PROBE CALIBRATION
IA310 (AEDC 181F-783) PROBE CALIBRATION

BETA PHI
-4.000 180.000
-2.000 180.000
2.000 180.000
4.000 180.000

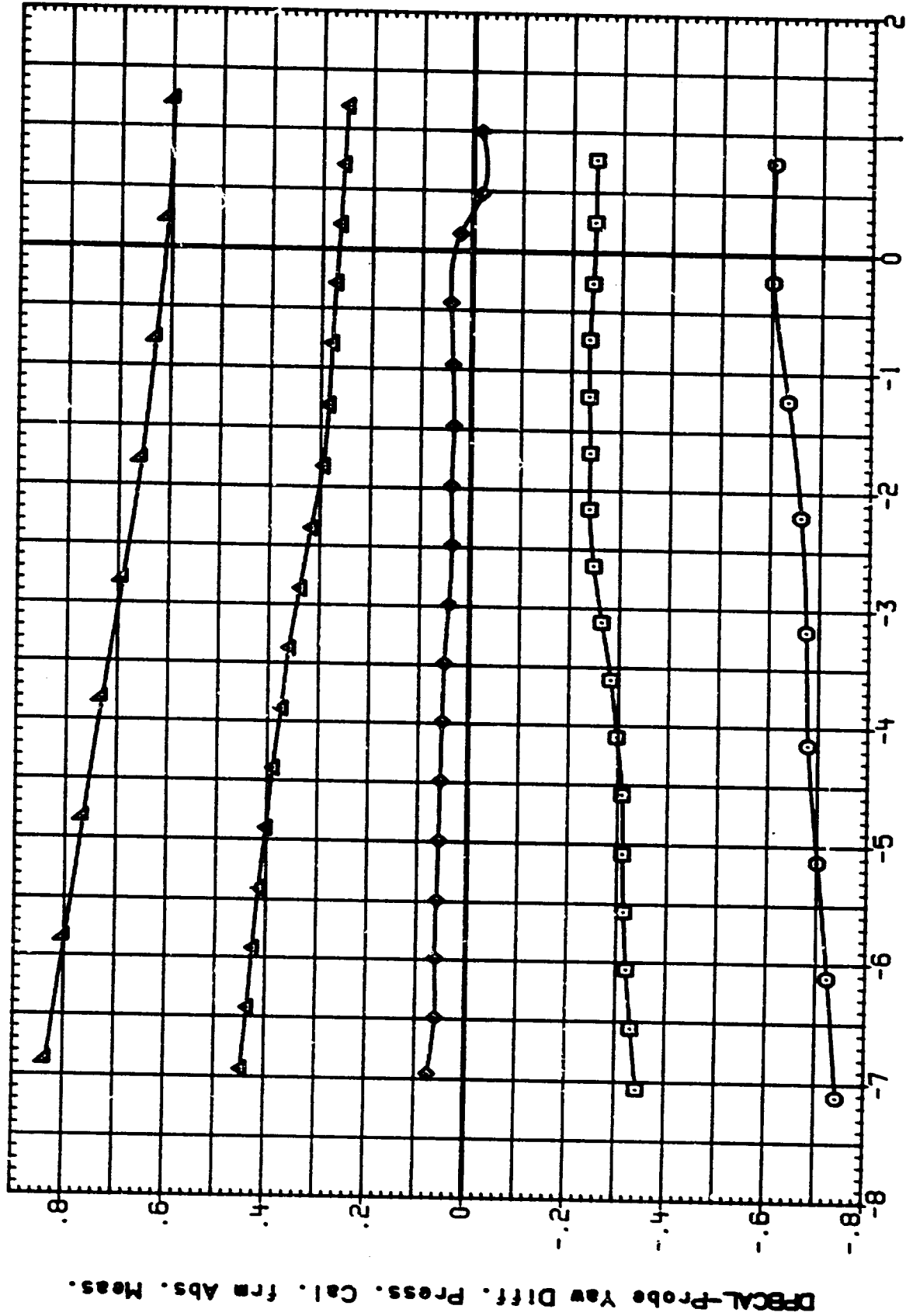


FIG. 1 AADS PROBE CALIBRATION - TEST SERIES 4

(K)MACH = 1.54

DATE 22 OCT 91

DATA SET SYMBOL
 RCH142
 RCH145
 RCH149
 RCH153
 RCH156

CONFIGURATION
 A310 (AEDC 16TF-783) PROBE CALIBRATION
 A310 (AEDC 16TF-783) PROBE CALIBRATION
 A310 (AEDC 16TF-783) PROBE CALIBRATION
 A310 (AEDC 16TF-783) PROBE CALIBRATION
 A310 (AEDC 16TF-783) PROBE CALIBRATION

BETA PHI
 -4.000 180.000
 -2.000 180.000
 .000 180.000
 2.000 180.000
 4.000 180.000

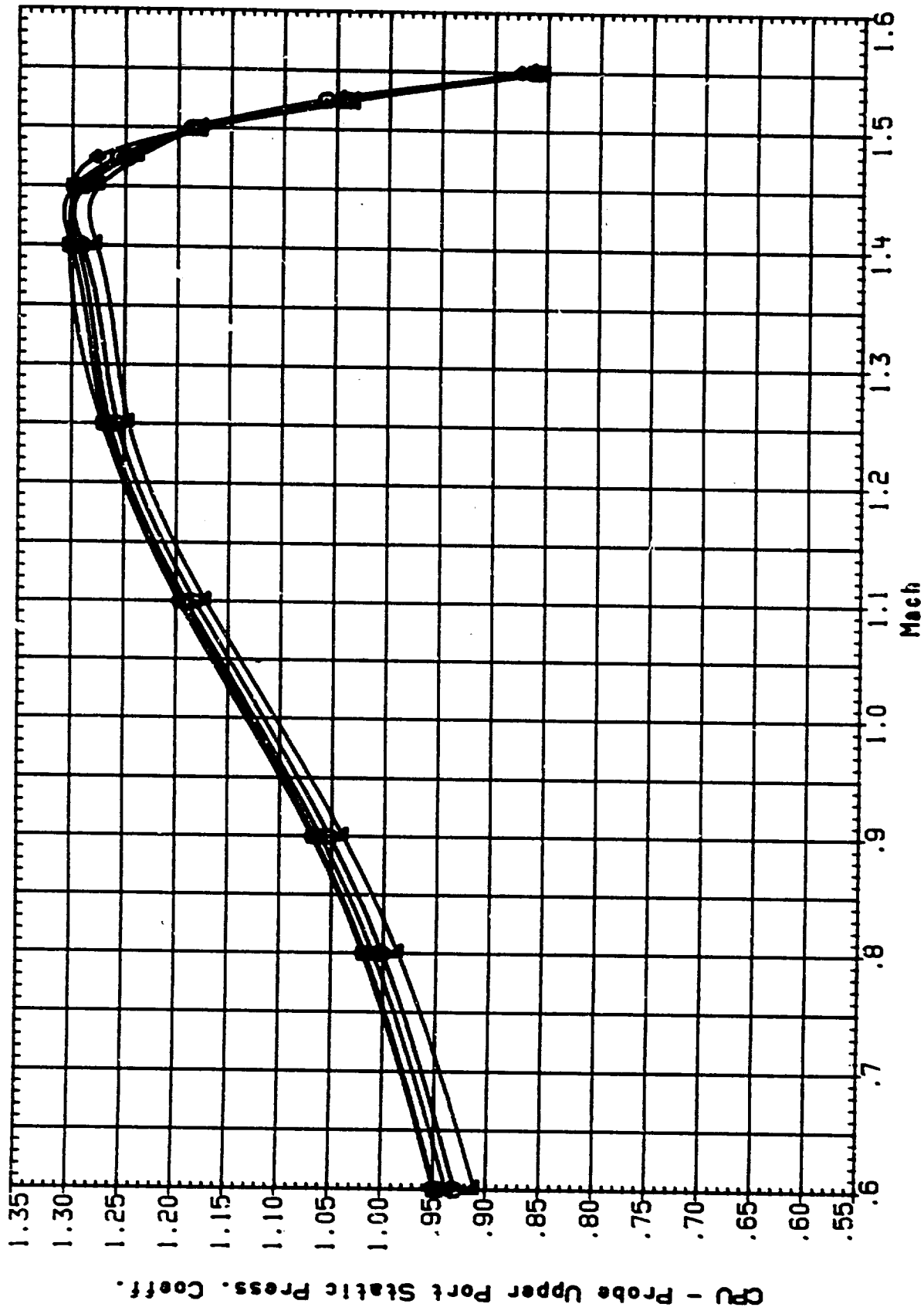


FIG. 2 AADS PROBE CALIBRATION - TEST SERIES 4 - MACH EFFECTS

(A) ALPHA = -6.00

DATE 22 OCT 91

DATA SET SYMBOL

RCM192
RCM195
RCM198
RCM193
RCM196

IA310 (AEDC 181F-783) PROBE CALIBRATION
IA310 (AEDC 181F-783) PROBE CALIBRATION
IA310 (AEDC 181F-783) PROBE CALIBRATION
IA310 (AEDC 181F-783) PROBE CALIBRATION
IA310 (AEDC 181F-783) PROBE CALIBRATION

BETA PHI
-4.000 180.000
-2.000 180.000
.000 180.000
2.000 180.000
4.000 180.000

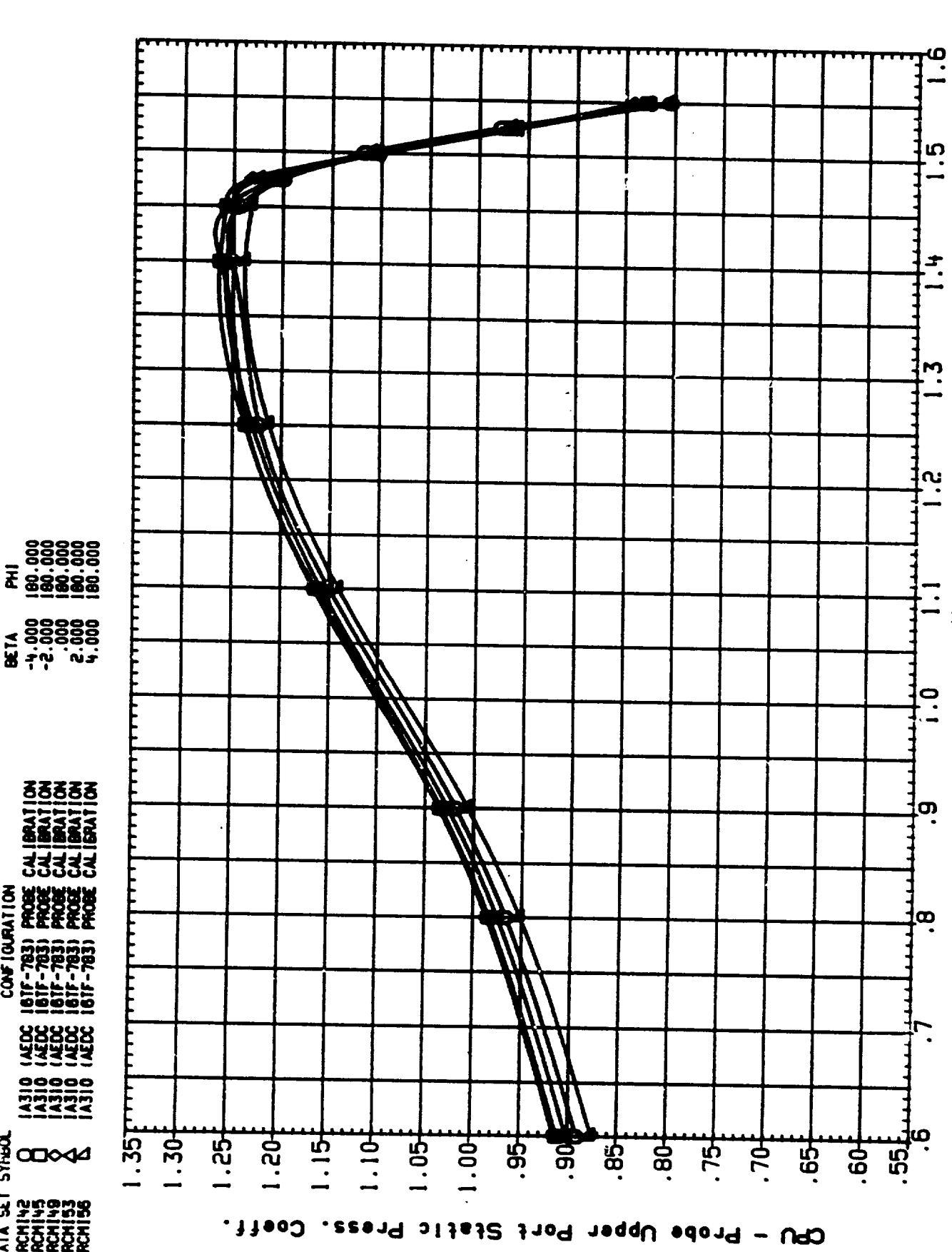


FIG. 2 AADS PROBE CALIBRATION - TEST SERIES 4 - MACH EFFECTS

(B) ALPHA = -4.00

DATE 22 OCT 91

DATA SET SYMBOL
 RCH142
 RCH145
 RCH149
 RCH153
 RCH156

CONFIGURATION
 IAS10 (AEDC 181F-783) PROBE CALIBRATION
 IAS10 (AEDC 181F-783) PROBE CALIBRATION
 IAS10 (AEDC 181F-783) PROBE CALIBRATION
 IAS10 (AEDC 181F-783) PROBE CALIBRATION

BETA PHI
 -4.000 180.000
 -2.000 180.000
 .000 180.000
 2.000 180.000
 4.000 180.000

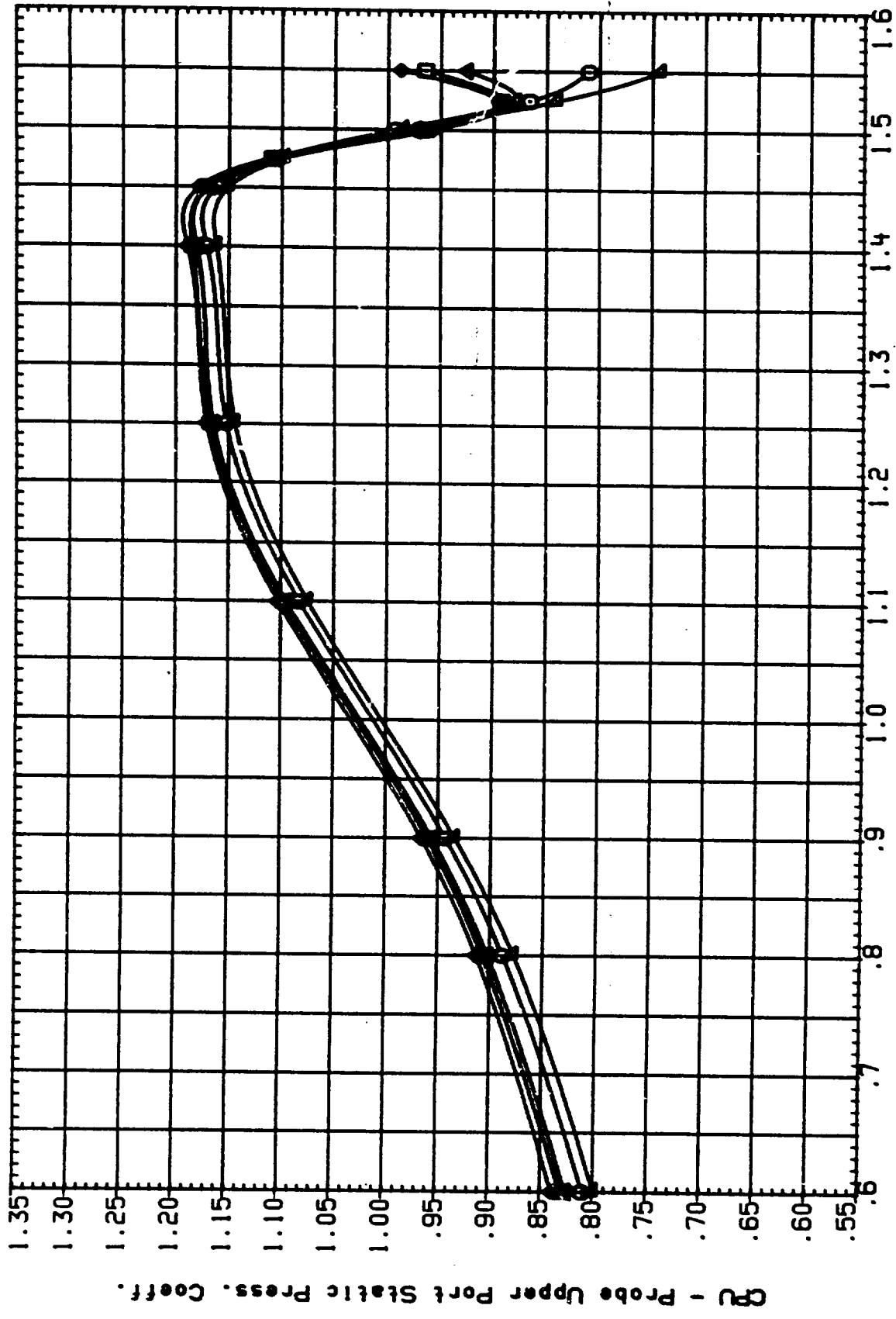


FIG. 2 AADS PROBE CALIBRATION - TEST SERIES 4 - MACH EFFECTS

(C) ALPHA = .00

DATE 22 OCT 91

DATA SET SYMBOL	CONFIGURATION	BETA	PHI
RCH142	IA310 (AEDC 161F-783) PROBE CALIBRATION	-4.000	180.000
RCH143	IA310 (AEDC 161F-783) PROBE CALIBRATION	-2.000	180.000
RCH149	IA310 (AEDC 161F-783) PROBE CALIBRATION	.000	180.000
RCH153	IA310 (AEDC 161F-783) PROBE CALIBRATION	2.000	180.000
RCH156	IA310 (AEDC 161F-783) PROBE CALIBRATION	4.000	180.000

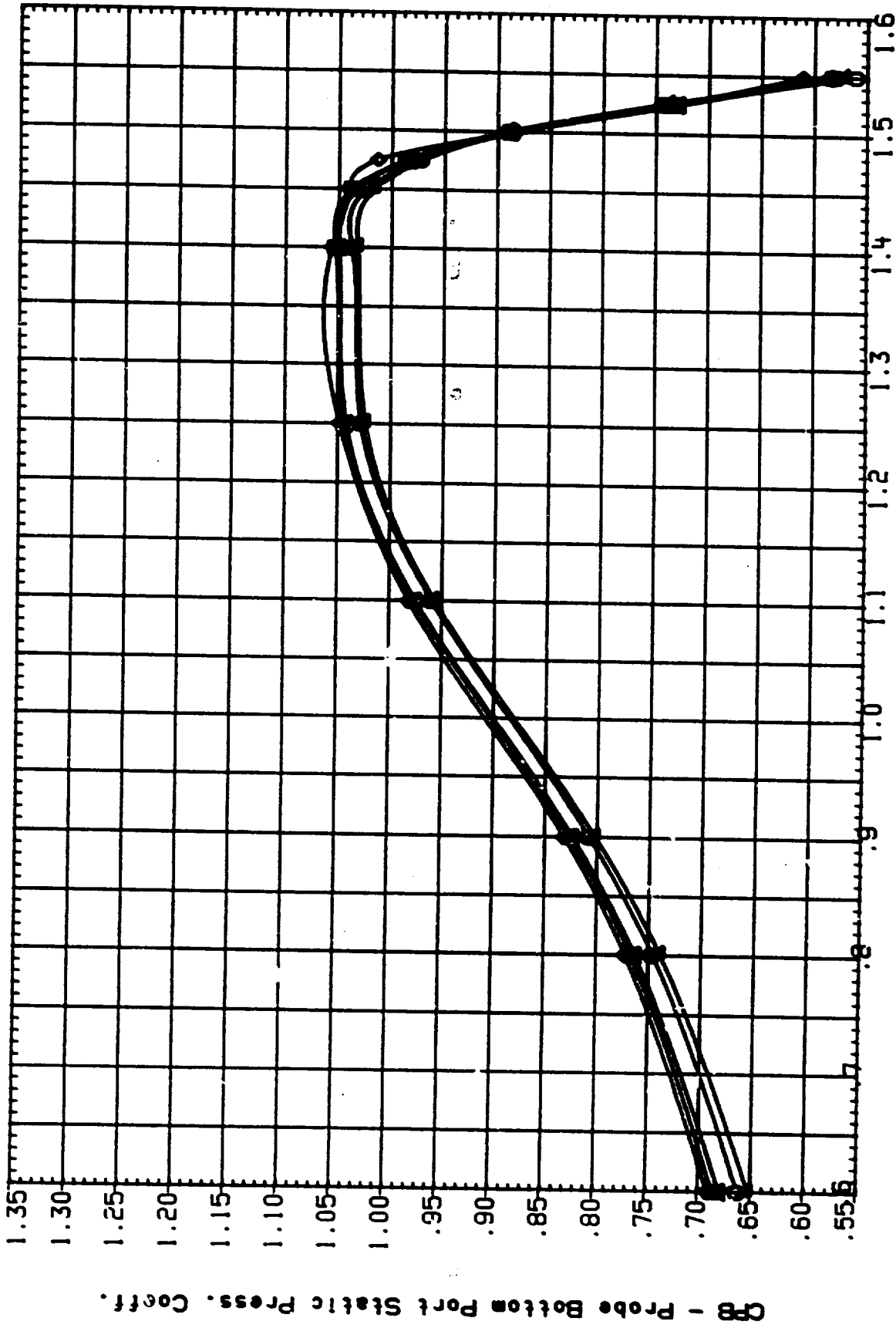


FIG. 2 AADS PROBE CALIBRATION - TEST SERIES 4 - MACH EFFECTS

(A) ALPHA = -6.00

DATE 22 OCT 91

DATA SET SYMBOL

RCH142
RCH145
RCH149
RCH153
RCH158

CONFIGURATION

IA310 (AEDC 161F-783) PROBE CALIBRATION
IA310 (AEDC 161F-783) PROBE CALIBRATION
IA310 (AEDC 161F-783) PROBE CALIBRATION
IA310 (AEDC 161F-783) PROBE CALIBRATION

BETA PHI

-4.000 180.000
-2.000 180.000
2.000 180.000
4.000 180.000

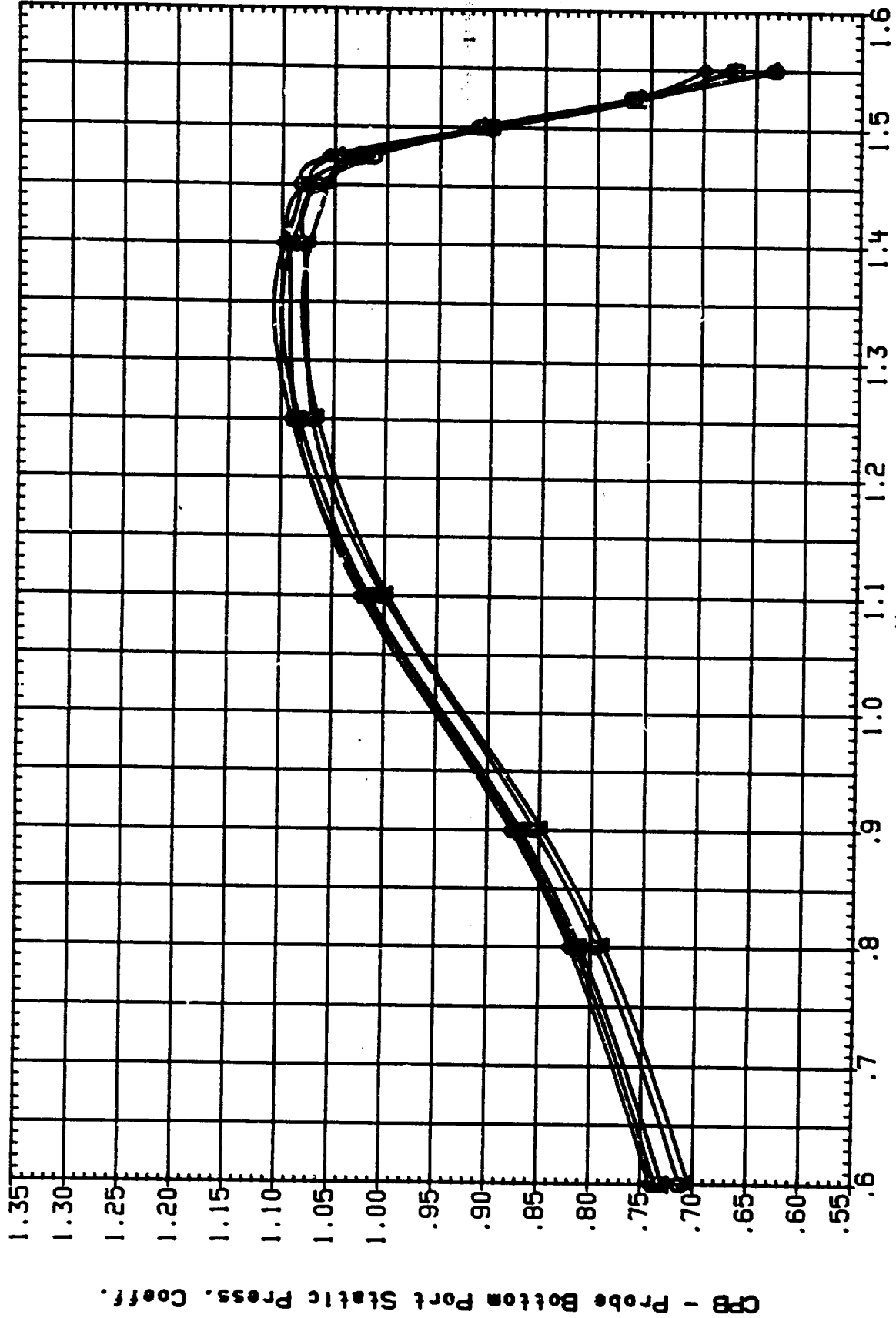


FIG. 2 AADS PROBE CALIBRATION - TEST SERIES 4 - MACH EFFECTS

(B)ALPHA = -4.00

DATE 22 OCT 91

DATA SET SYMBOL

RCH142
RCH145
RCH149
RCH153
RCH155

CONFIGURATION

IA310 (AEDC 161F-783) PROBE CALIBRATION
IA310 (AEDC 161F-783) PROBE CALIBRATION
IA310 (AEDC 161F-783) PROBE CALIBRATION
IA310 (AEDC 161F-783) PROBE CALIBRATION
IA310 (AEDC 161F-783) PROBE CALIBRATION

BETA PHI
-4.000 180.000
-2.000 180.000
.000 180.000
2.000 180.000
4.000 180.000

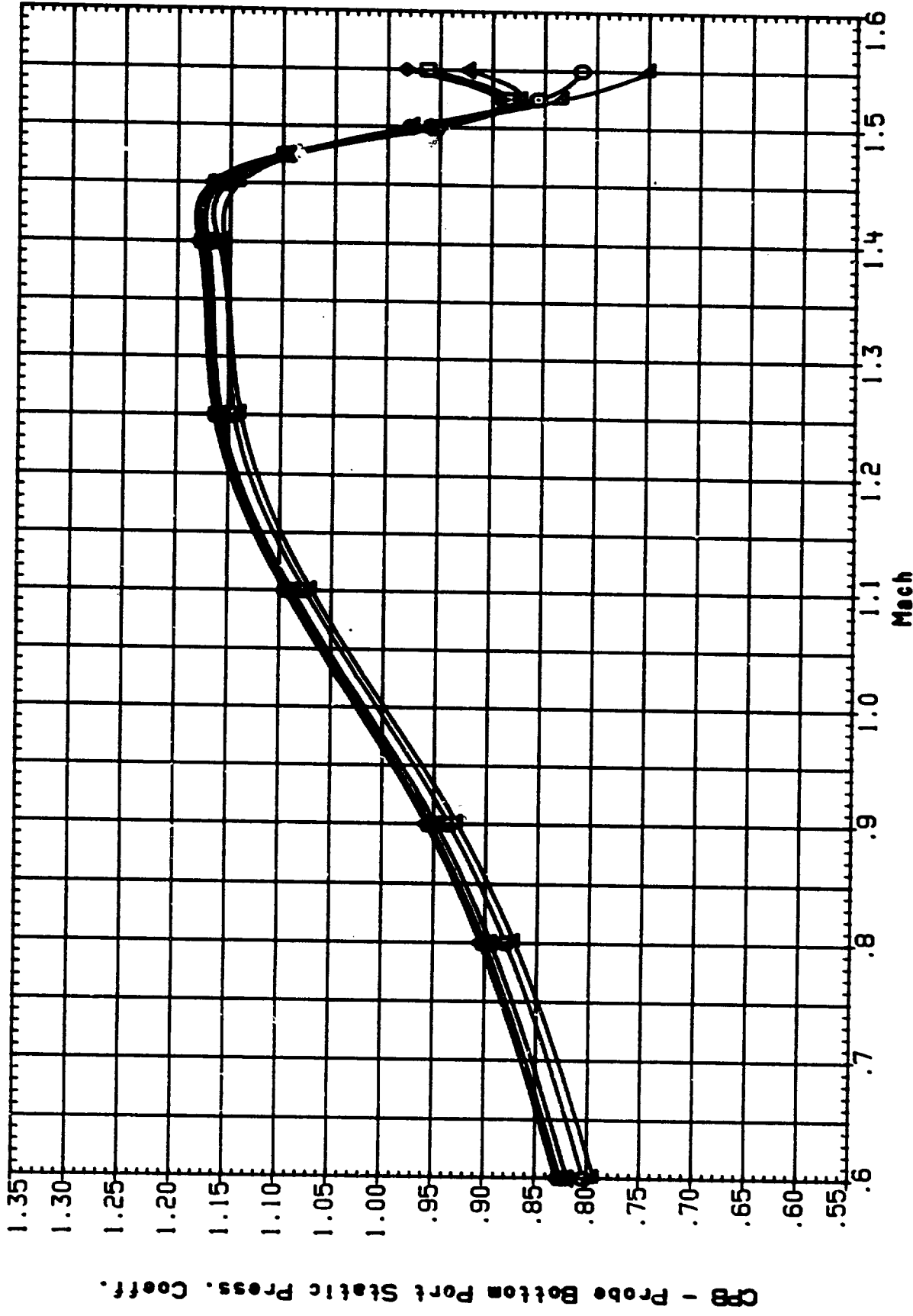


FIG. 2 AADS PROBE CALIBRATION - TEST SERIES 4 - MACH EFFECTS

(C) ALPHA = .00

DATE 22 OCT 91

DATA SET SYMBOL	CONF (DURATION	BETA	PHI
SCH142	IA310 (AEDC 181F-783) PROBE CALIBRATION	-4.000	180.000
SCH143	IA310 (AEDC 181F-783) PROBE CALIBRATION	-2.000	180.000
SCH148	IA310 (AEDC 181F-783) PROBE CALIBRATION	.000	180.000
SCH153	IA310 (AEDC 181F-783) PROBE CALIBRATION	2.000	180.000
SCH156	IA310 (AEDC 181F-783) PROBE CALIBRATION	4.000	180.000

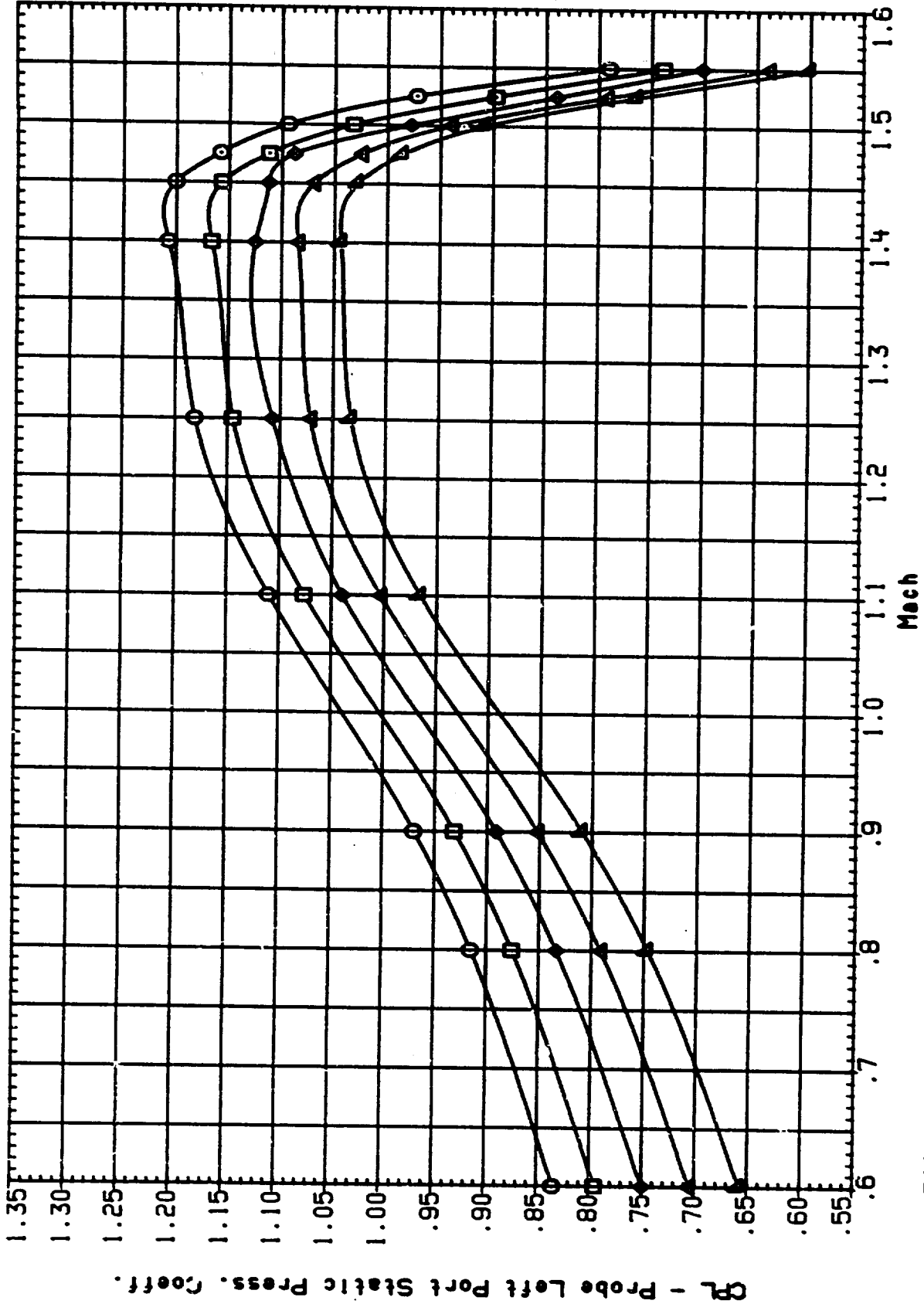


FIG. 2 AADS PROBE CALIBRATION - TEST SERIES 4 - MACH EFFECTS

DATE 22 OCT 91

(A) ALPHA = -6.00

DATA SET SYMBOL
 SCH142
 SCH145
 SCH148
 SCH153
 SCH156

CONF IGURATION
 IA310 (AEDC 161F-783) PROBE CALIBRATION
 IA310 (AEDC 161F-783) PROBE CALIBRATION
 IA310 (AEDC 161F-783) PROBE CALIBRATION
 IA310 (AEDC 161F-783) PROBE CALIBRATION

BETA PHI
 -4.000 160.000
 -2.000 160.000
 .000 160.000
 2.000 160.000
 4.000 160.000

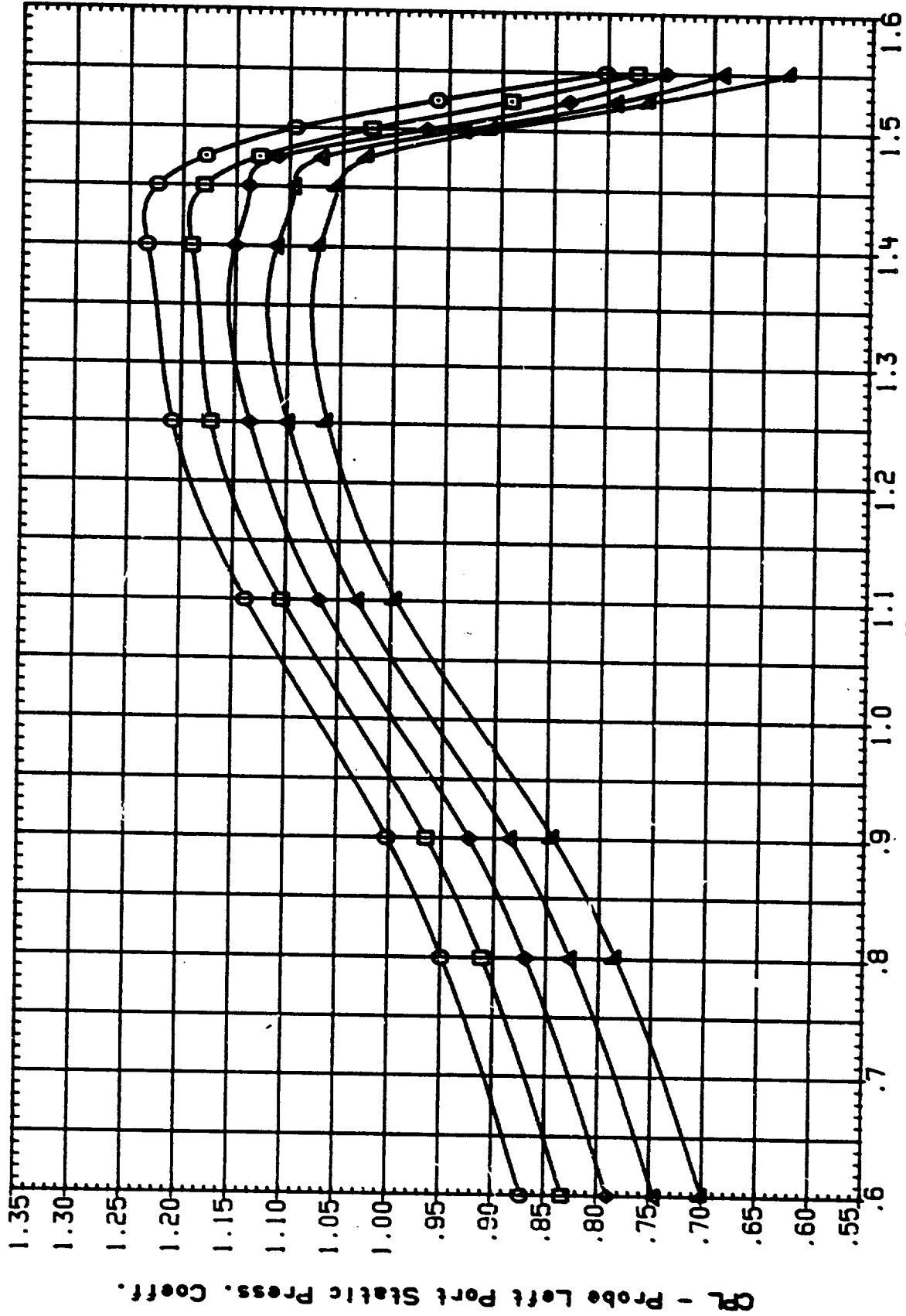


FIG. 2 AADS PROBE CALIBRATION - TEST SERIES 4 - MACH EFFECTS

(B) ALPHA = -4.00

DATE 22 OCT 91

C.3

DATA SET SYMBOL	CONFIGURATION	BETA	PHI
SCH142	IA310 (AEDC 161F-783) PROBE CALIBRATION	-4.000	180.000
SCH143	IA310 (AEDC 161F-783) PROBE CALIBRATION	-2.000	180.000
SCH149	IA310 (AEDC 161F-783) PROBE CALIBRATION	2.000	180.000
SCH153	IA310 (AEDC 161F-783) PROBE CALIBRATION	4.000	180.000
SCH156	IA310 (AEDC 161F-783) PROBE CALIBRATION	4.000	180.000

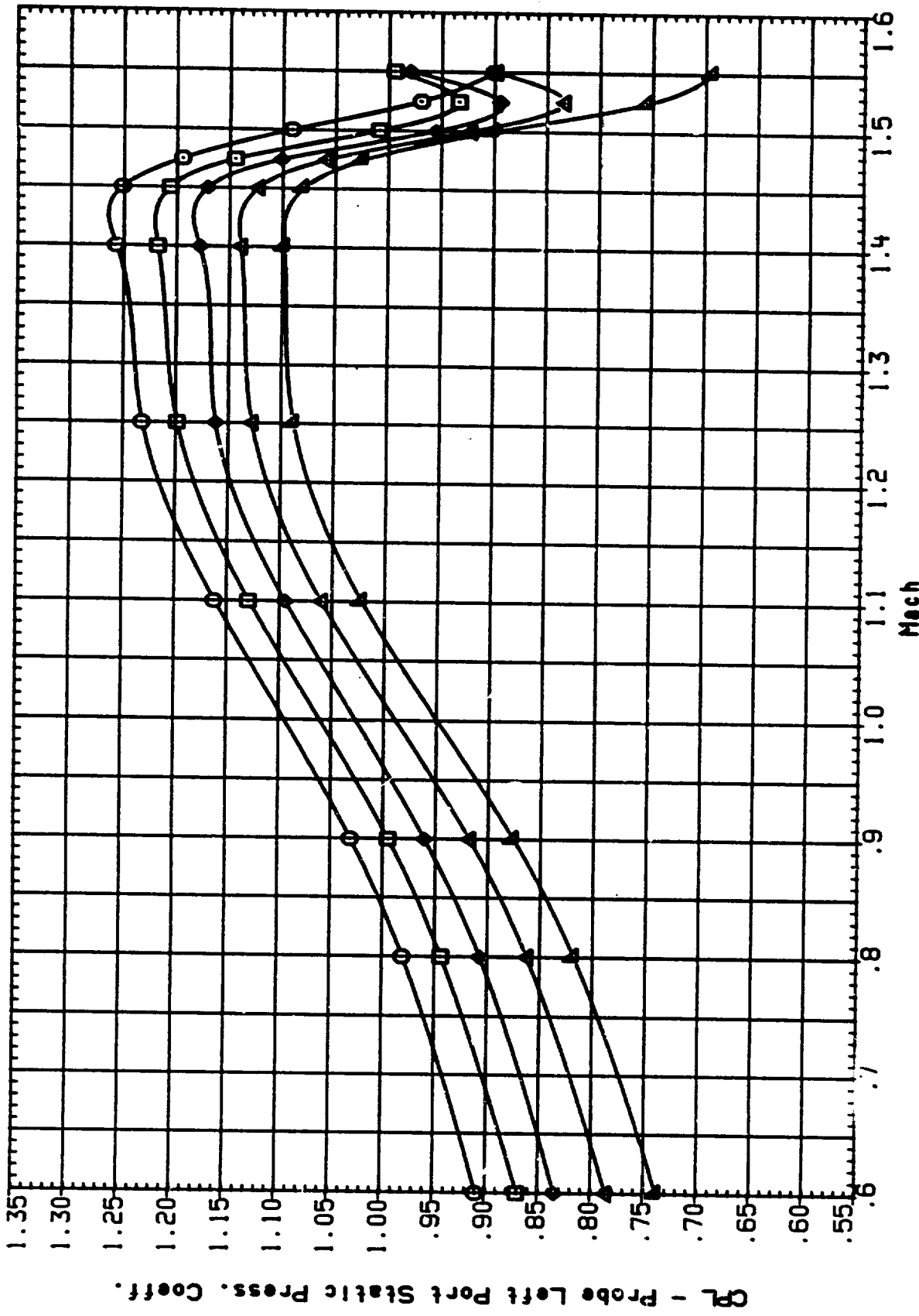


FIG. 2 AADS PROBE CALIBRATION - TEST SERIES 4 - MACH EFFECTS

(C) ALPHA = .00

DATE 22 OCT 91

DATA SET SYMBOL	CONFIGURATION	BETA	PHI
SCH142	I A310 (AEDC 161F-783) PROBE CALIBRATION	-4.000	180.000
SCH145	I A310 (AEDC 161F-783) PROBE CALIBRATION	-2.000	180.000
SCH149	I A310 (AEDC 161F-783) PROBE CALIBRATION	.000	180.000
SCH153	I A310 (AEDC 161F-783) PROBE CALIBRATION	2.000	180.000
SCH156	I A310 (AEDC 161F-783) PROBE CALIBRATION	4.000	180.000

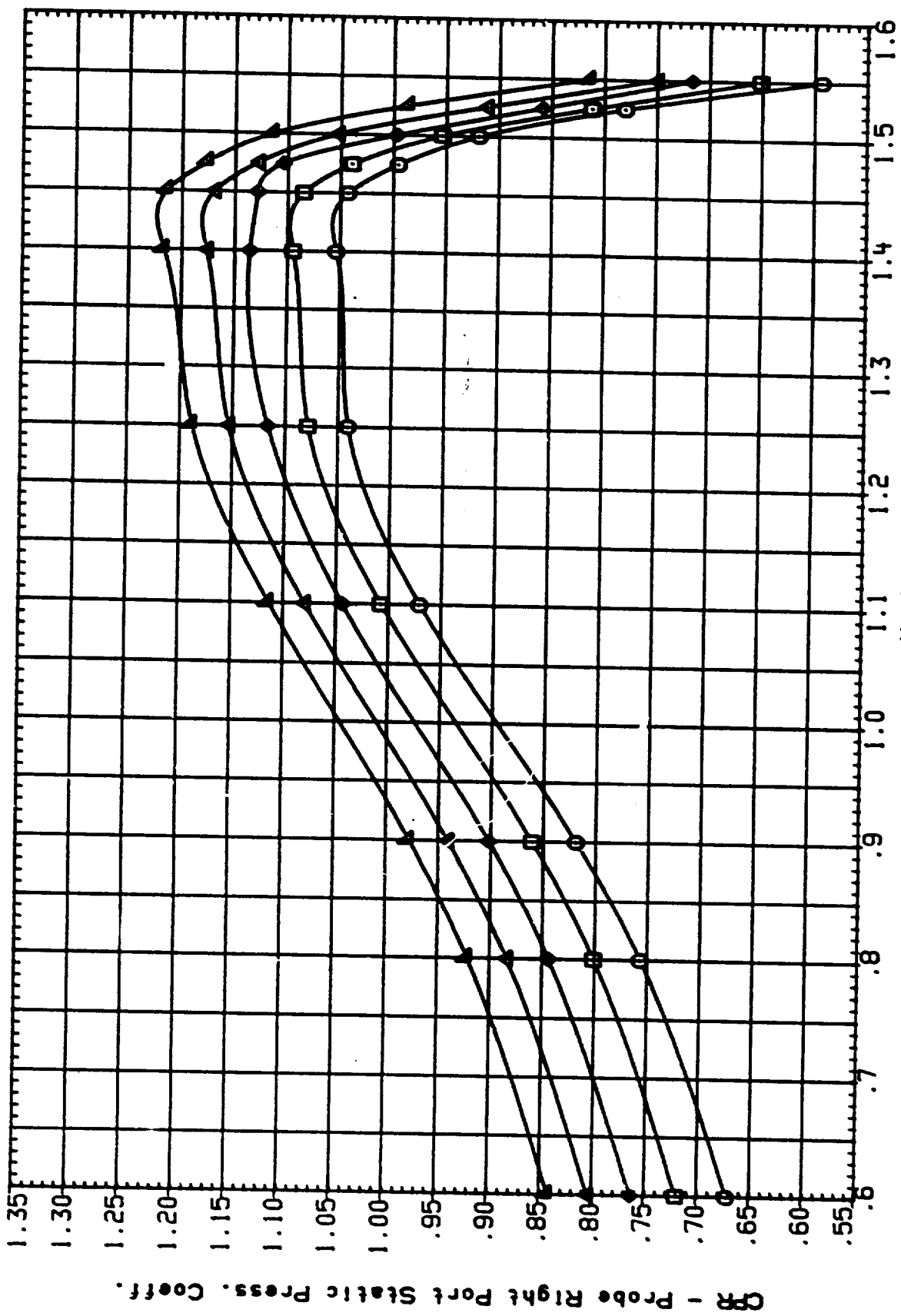


FIG. 2 AADS PROBE CALIBRATION - TEST SERIES 4 - MACH EFFECTS

DATA SET SYMBOL	CONFIGURATION	BETA	PHI
SCH142	IA310 (AEDC 16TF-783) PROBE CALIBRATION	-4.000	180.000
SCH145	IA310 (AEDC 16TF-783) PROBE CALIBRATION	-2.000	180.000
SCH149	IA310 (AEDC 16TF-783) PROBE CALIBRATION	.000	180.000
SCH153	IA310 (AEDC 16TF-783) PROBE CALIBRATION	2.000	180.000
SCH156	IA310 (AEDC 16TF-783) PROBE CALIBRATION	4.000	180.000

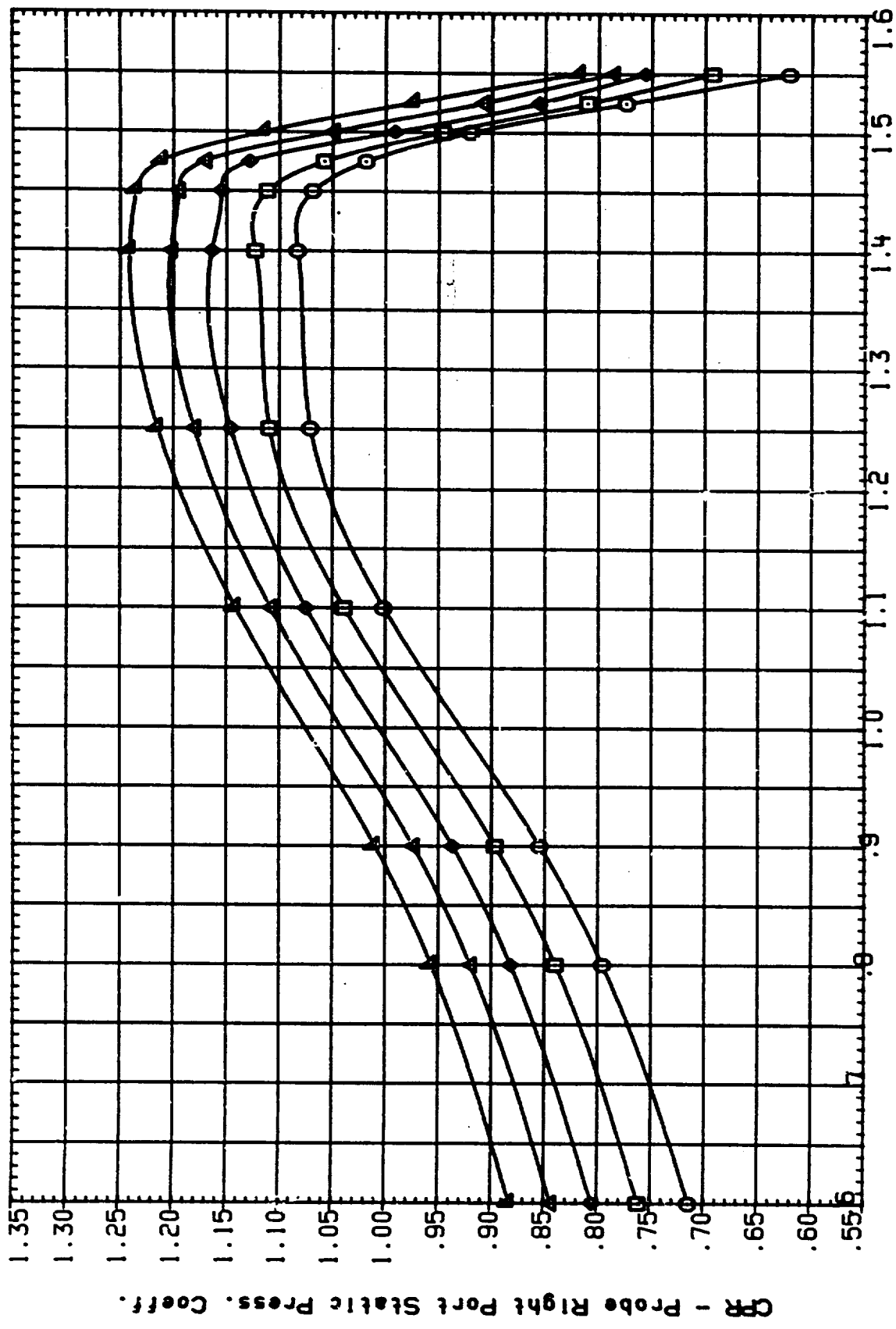


FIG. 2 AADS PROBE CALIBRATION - TEST SERIES 4 - MACH EFFECTS

(B) ALPHA = -4.00

DATE 22 OCT 91

DATA SET SYMBOL

- SCH12
- SCH15
- SCH19
- SCH33
- SCH56

CONFIGURATION

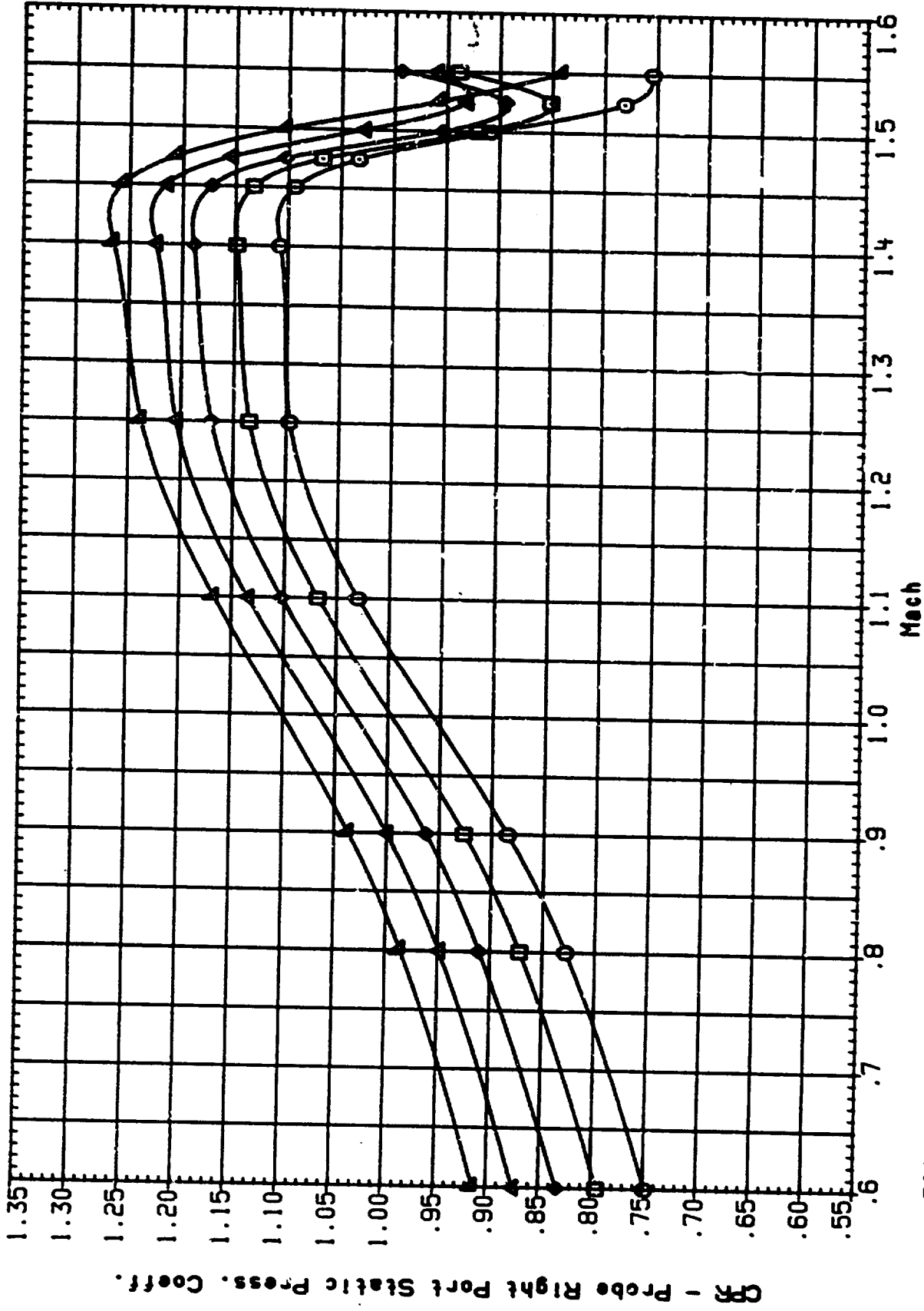
- IA310 (AEDC 161F-783) PROBE CALIBRATION
- IA310 (AEDC 161F-783) PROBE CALIBRATION
- IA310 (AEDC 161F-783) PROBE CALIBRATION
- IA310 (AEDC 161F-783) PROBE CALIBRATION
- IA310 (AEDC 161F-783) PROBE CALIBRATION

BETA

- 4.000
- 2.000
- .000
- 2.000
- 4.000

PHI

- 160.000
- 160.000
- 160.000
- 160.000
- 160.000



Mach

FIG. 2 AADS PROBE CALIBRATION - TEST SERIES 4 - MACH EFFECTS

(C) ALPHA = .00

DATE 22 OCT 91

DATA SET SYMBOL

- TCH142
- TCH145
- TCH148
- TCH153
- TCH156

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

- BETA
- PHI
- 4.000 180.000
- 2.000 180.000
- 2.000 180.000
- 4.000 180.000

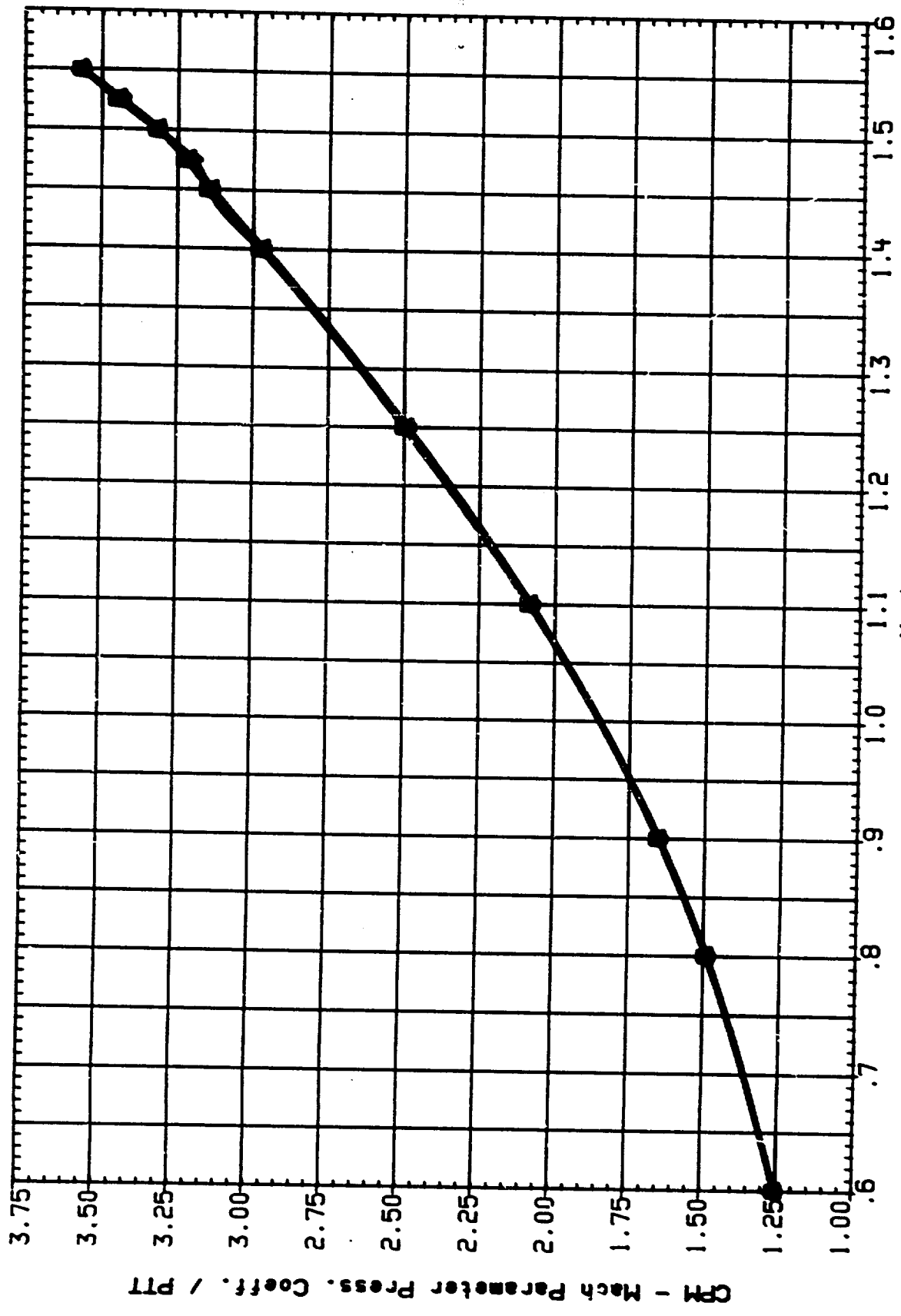


FIG. 2 AADS PROBE CALIBRATION - TEST SERIES 4 - MACH EFFECTS

(A) ALPHA = -6.00

DATE 22 OCT 91

DATA SET SYMBOL

TCH142
TCH145
TCH149
TCH153
TCH156

□
○
◇
△

CONFIGURATION

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

BETA PHI
-4.000 160.000
-2.000 160.000
2.000 160.000
4.000 160.000

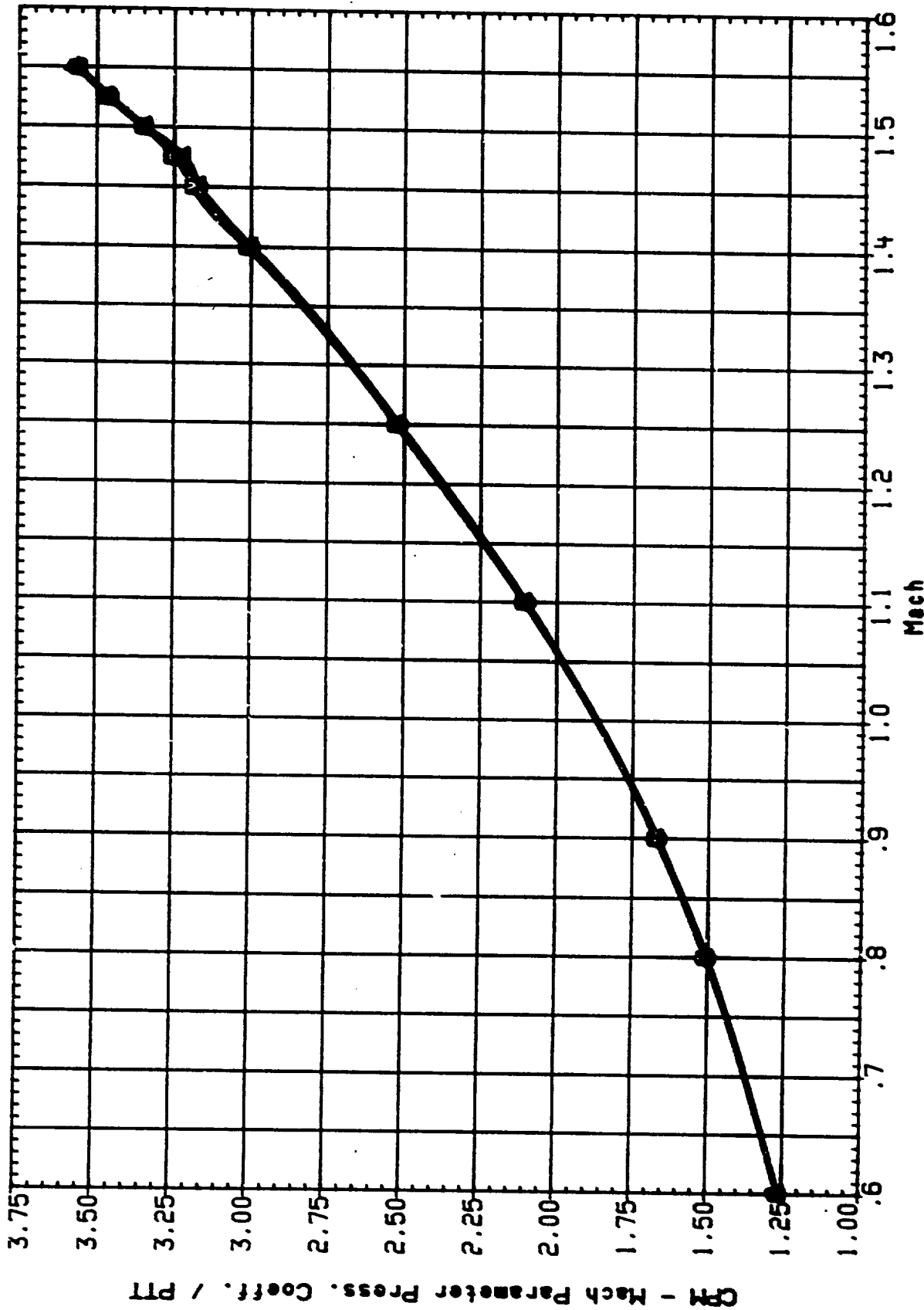


FIG. 2 AADS PROBE CALIBRATION - TEST SERIES 4 - MACH EFFECTS

(B) ALPHA = -4.00

DATE 22 OCT 91

DATA SET SYMBOL

TCH142
TCH145
TCH149
TCH153
TCH156

□
○
△
◇

IA310 (AEDC 161F-783) PROBE CALIBRATION
IA310 (AEDC 161F-783) PROBE CALIBRATION
IA310 (AEDC 161F-783) PROBE CALIBRATION
IA310 (AEDC 161F-783) PROBE CALIBRATION
IA310 (AEDC 161F-783) PROBE CALIBRATION

CONFIGURATION

BETA PHI
-4.000 160.000
-2.000 160.000
.000 160.000
2.000 160.000
4.000 160.000

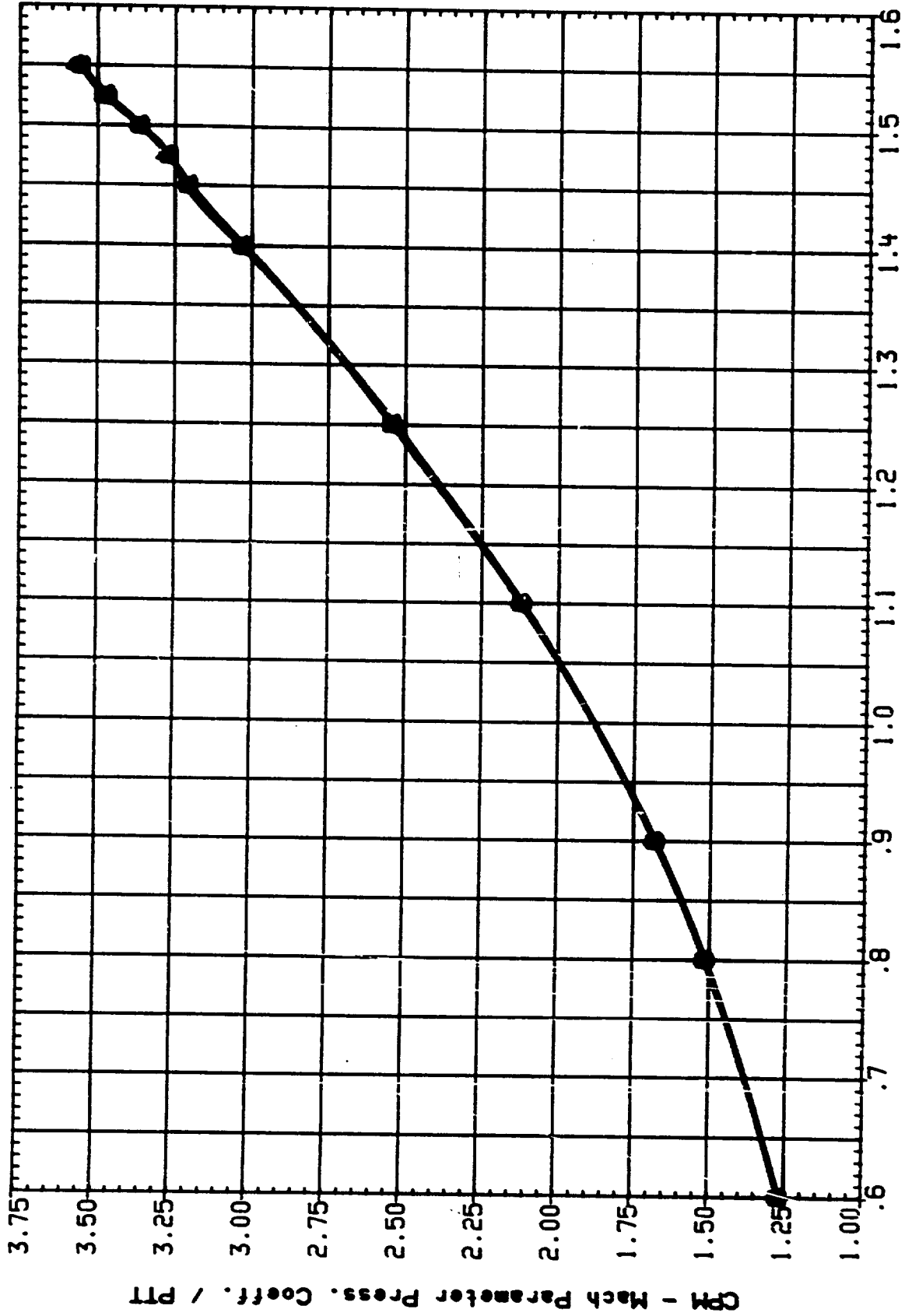


FIG. 2 AADS PROBE CALIBRATION - TEST SERIES 4 - MACH EFFECTS

(C) ALPHA = .00

DATE 22 OCT 91

DATA SET SYMBOL

TCH12
TCH145
TCH149
TCH153
TCH156

□
○
△

CONFIGURATION

IA310 (AEDC 161F-783) PROBE CALIBRATION
IA310 (AEDC 161F-783) PROBE CALIBRATION
IA310 (AEDC 161F-783) PROBE CALIBRATION
IA310 (AEDC 161F-783) PROBE CALIBRATION
IA310 (AEDC 161F-783) PROBE CALIBRATION

BETA PHI

-4.000 180.000
-2.000 180.000
.000 180.000
2.000 180.000
4.000 180.000

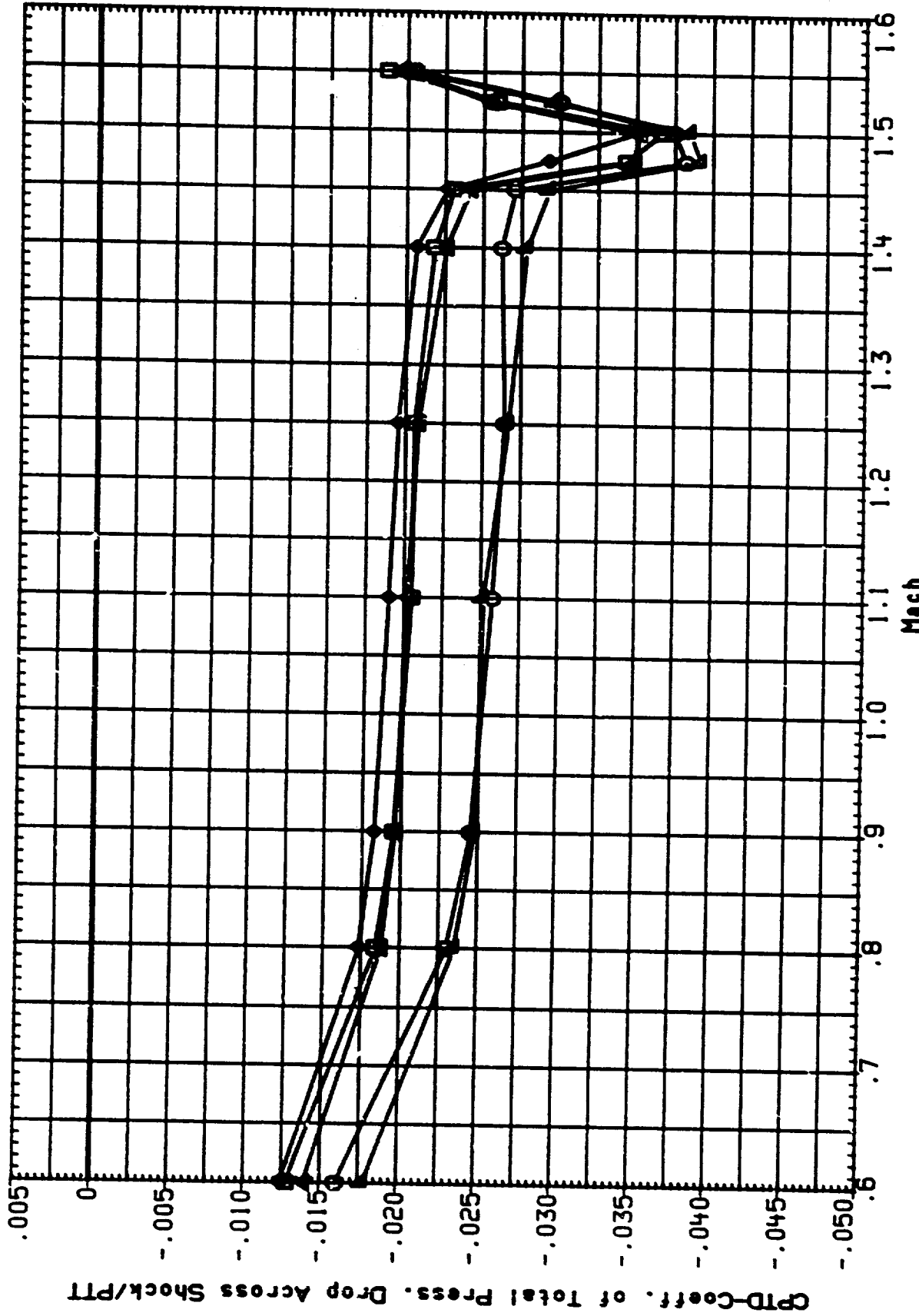


FIG. 2 AADS PROBE CALIBRATION - TEST SERIES 4 - MACH EFFECTS

(A) ALPHA = -6.00

DATE 22 OCT 91

DATA SET SYMBOL

TCH142
TCH145
TCH149
TCH153
TCH158

CONFIGURATION

IA310 (AEDC 181F-783) PROBE CALIBRATION
IA310 (AEDC 181F-783) PROBE CALIBRATION
IA310 (AEDC 181F-783) PROBE CALIBRATION
IA310 (AEDC 181F-783) PROBE CALIBRATION
IA310 (AEDC 181F-783) PROBE CALIBRATION

BETA PHI

-4.000 180.000
-2.000 180.000
.000 180.000
2.000 180.000
4.000 180.000

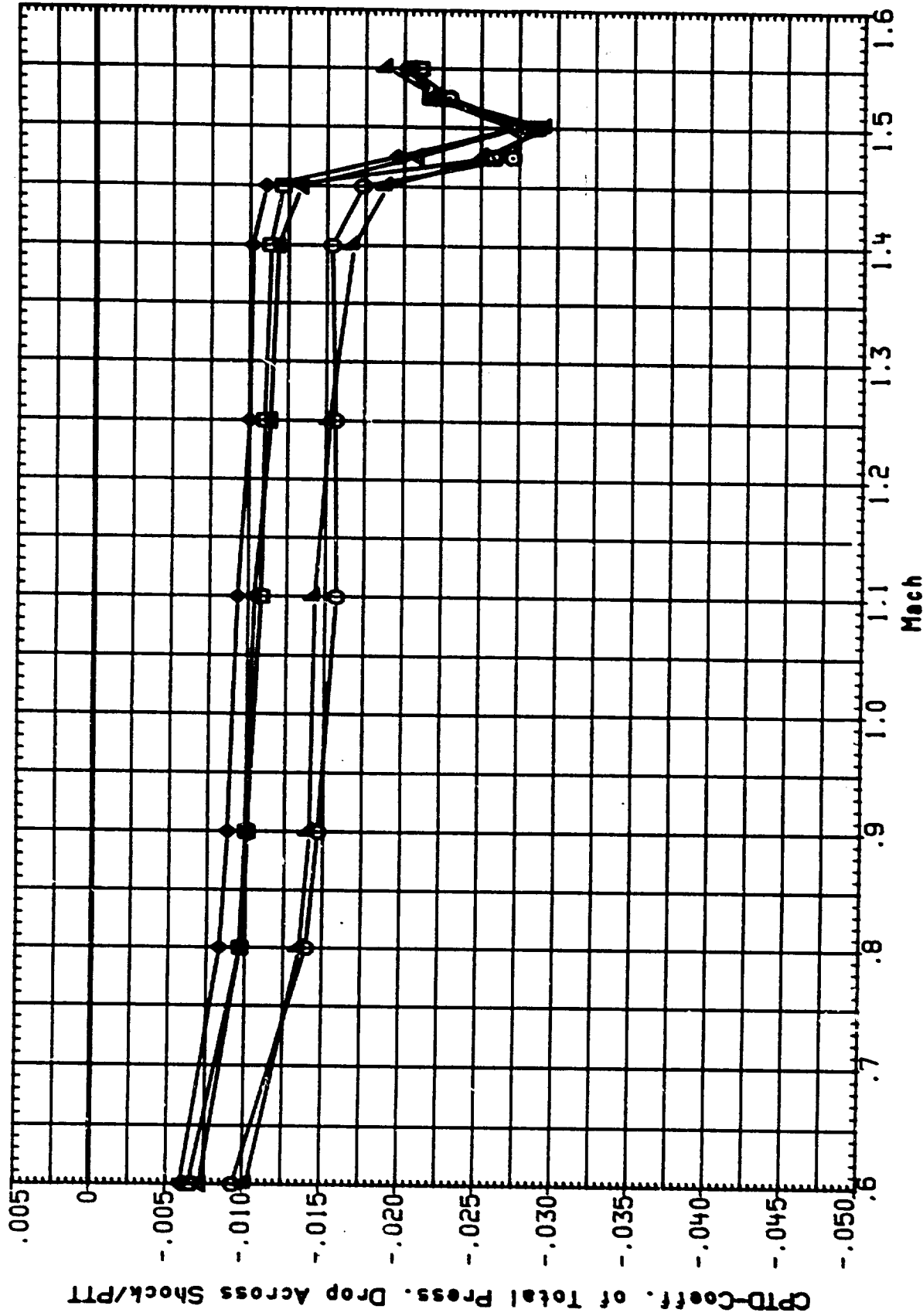


FIG. 2 AADS PROBE CALIBRATION - TEST SERIES 4 - MACH EFFECTS

(B) ALPHA = -4.00

DATE 22 OCT 91

DATA SET SYMBOL	CONFIGURATION	BETA	PHI
TCH142	IA310 (AEDC 161F-783) PROBE CALIBRATION	-4.000	180.000
TCH145	IA310 (AEDC 161F-783) PROBE CALIBRATION	-2.000	180.000
TCH149	IA310 (AEDC 161F-783) PROBE CALIBRATION	.000	180.000
TCH153	IA310 (AEDC 161F-783) PROBE CALIBRATION	2.000	180.000
TCH156	IA310 (AEDC 161F-783) PROBE CALIBRATION	4.000	180.000

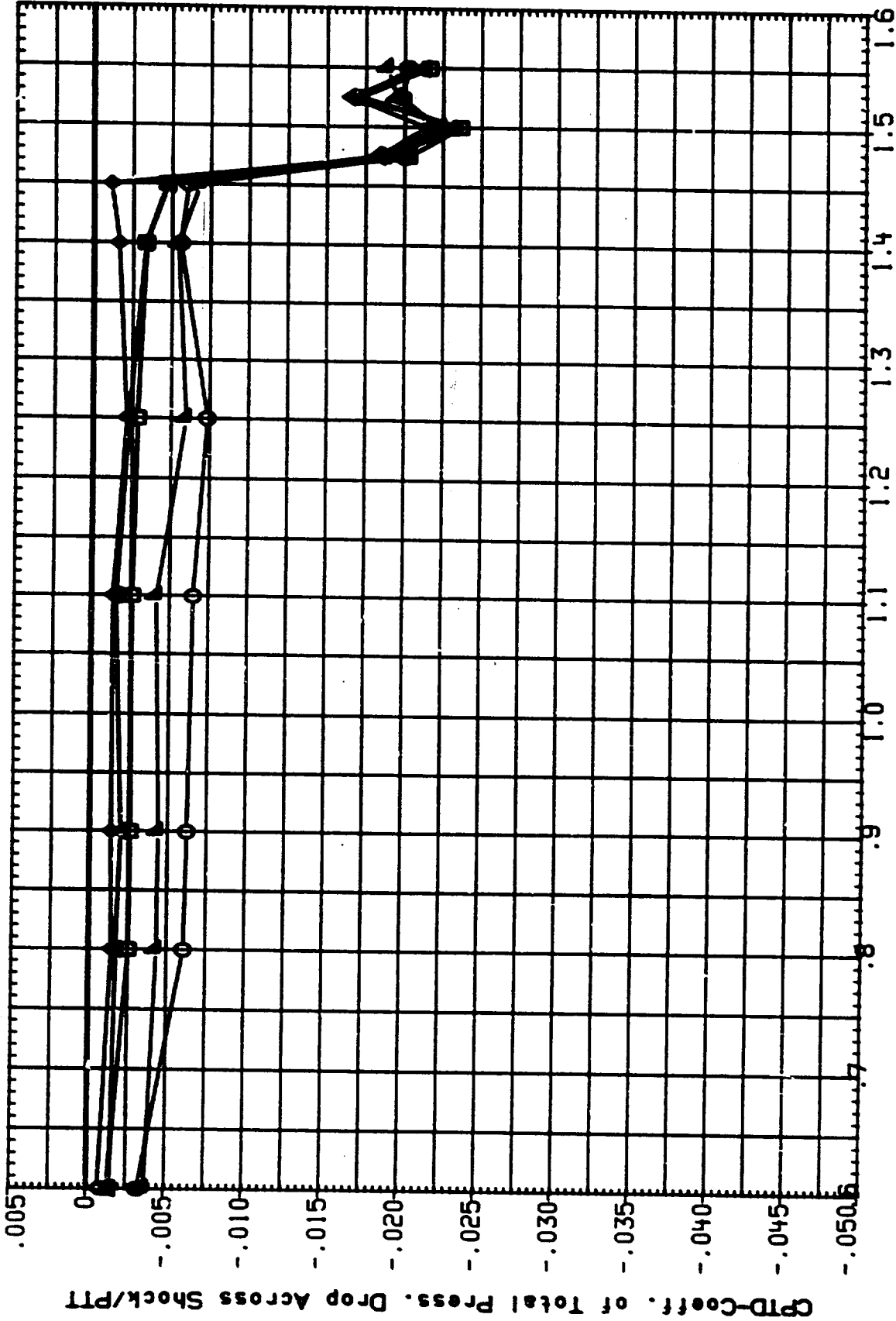


FIG. 2 AADS PROBE CALIBRATION - TEST SERIES 4 - MACH EFFECTS

(C) ALPHA = .00

DATE 22 OCT 91

DATA SET SYMBOL

CH142
CH145
TCH149
TCH153
TCH155

CONFIGURATION

IA310 (AEDC 181F-783) PROBE CALIBRATION
 IA310 (AEDC 181F-783) PROBE CALIBRATION
 IA310 (AEDC 181F-783) PROBE CALIBRATION
 IA310 (AEDC 181F-783) PROBE CALIBRATION
 IA310 (AEDC 181F-783) PROBE CALIBRATION

ETA

.000
2.000
2.000
4.000

PHI

180.000
180.000
180.000
180.000

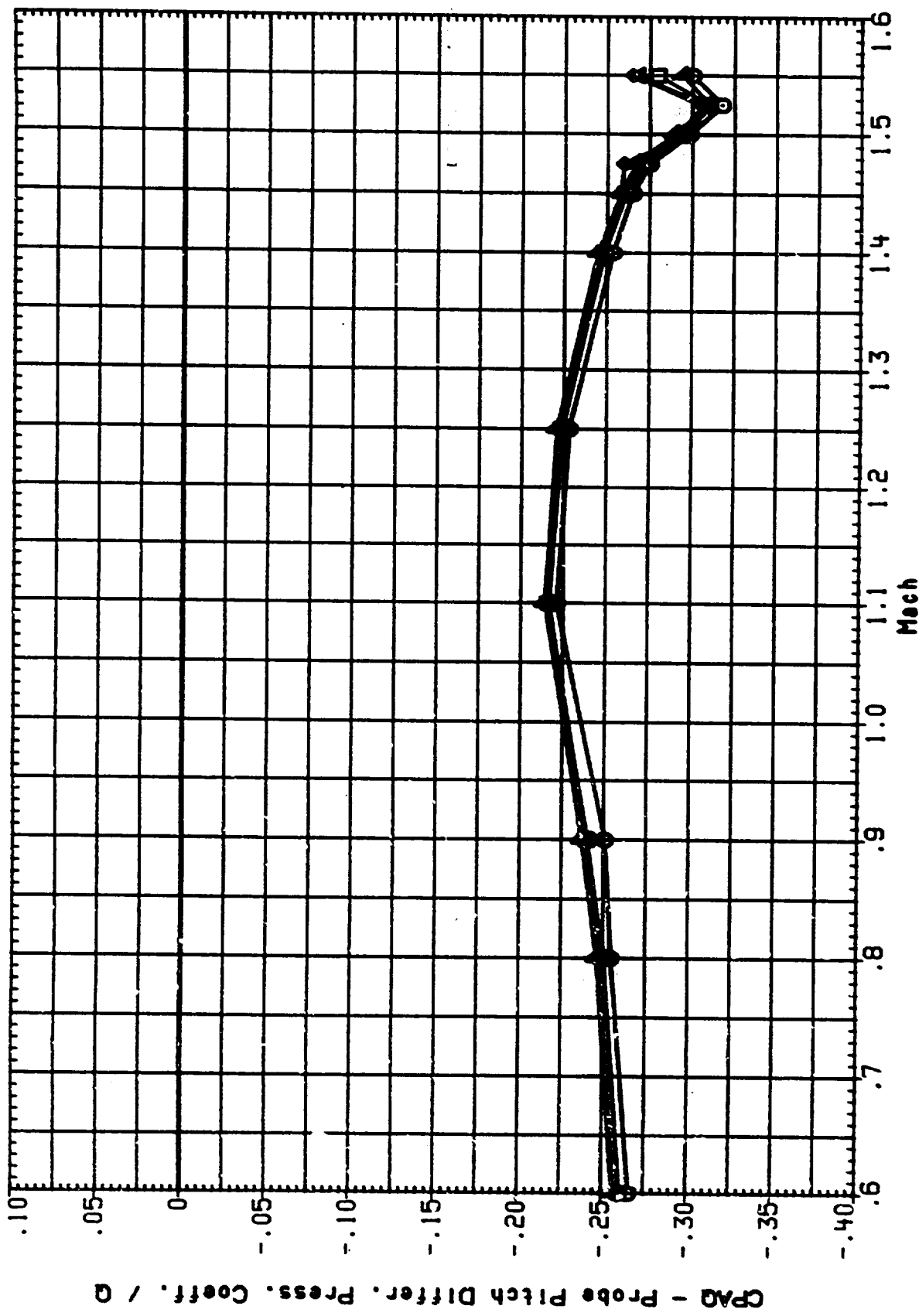


FIG. 2 AADS PROBE CALIBRATION - TEST SERIES 4 - MACH EFFECTS

(A) ALPHA = -6.00

DATE 22 OCT 91

DATA SET SYMBOL

TCH142
TCH145
TCH148
TCH153
TCH156

□
◇
△

CONFIGURATION

IA310 (AEDC 161F-783) PROBE CALIBRATION
IA310 (AEDC 161F-783) PROBE CALIBRATION
IA310 (AEDC 161F-783) PROBE CALIBRATION
IA310 (AEDC 161F-783) PROBE CALIBRATION
IA310 (AEDC 161F-783) PROBE CALIBRATION

BETA PHI
-4.000 180.000
-2.000 180.000
2.000 180.000
4.000 180.000

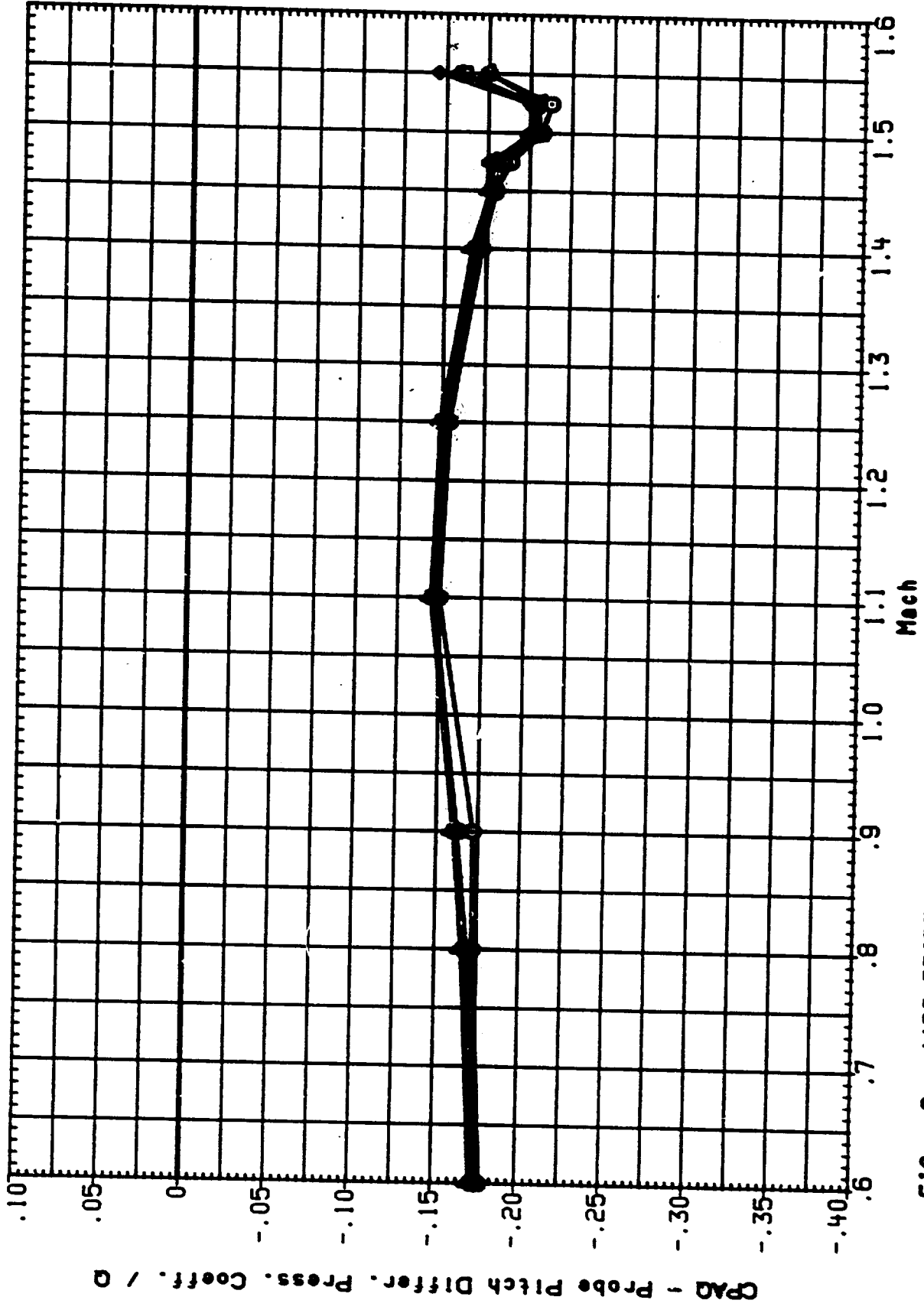


FIG. 2 AADS PROBE CALIBRATION - TEST SERIES 4 - MACH EFFECTS

(B) ALPHA = -4.00

DATE 22 OCT 91

DATA SET SYMBOL	CONFIGURATION	ETA	PHI
TCH142	IA310 (AEDC 181F-783) PROBE CALIBRATION	4.000	180.000
TCH145	IA310 (AEDC 181F-783) PROBE CALIBRATION	-2.000	180.000
TCH149	IA310 (AEDC 181F-783) PROBE CALIBRATION	2.000	180.000
TCH153	IA310 (AEDC 181F-783) PROBE CALIBRATION	4.000	180.000
TCH156	IA310 (AEDC 181F-783) PROBE CALIBRATION		

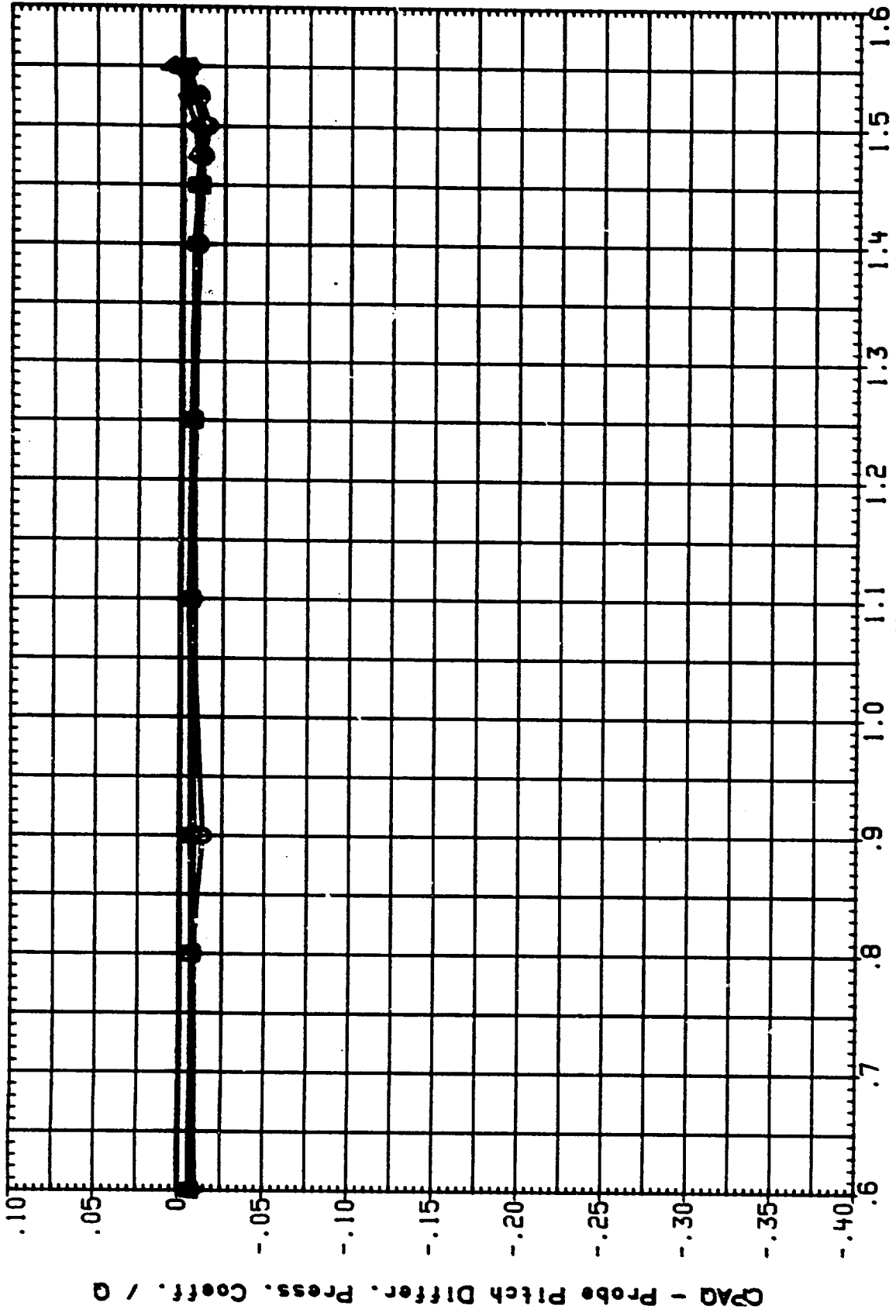


FIG. 2 AADS PROBE CALIBRATION - TEST SERIES 4 - MACH EFFECTS

(C) ALPHA = .00

DATE 22 OCT 91

DATA SET SYMBOL
 TCH142
 TCH145
 TCH149
 TCH153
 TCH156

CONFIGURATION
 IA310 (AEDC 161F-783) PROBE CALIBRATION
 IA310 (AEDC 161F-783) PROBE CALIBRATION
 IA310 (AEDC 161F-783) PROBE CALIBRATION
 IA310 (AEDC 161F-783) PROBE CALIBRATION
 IA310 (AEDC 161F-783) PROBE CALIBRATION

BETA PHI
 -4.000 180.000
 -2.000 180.000
 2.000 180.000
 4.000 180.000

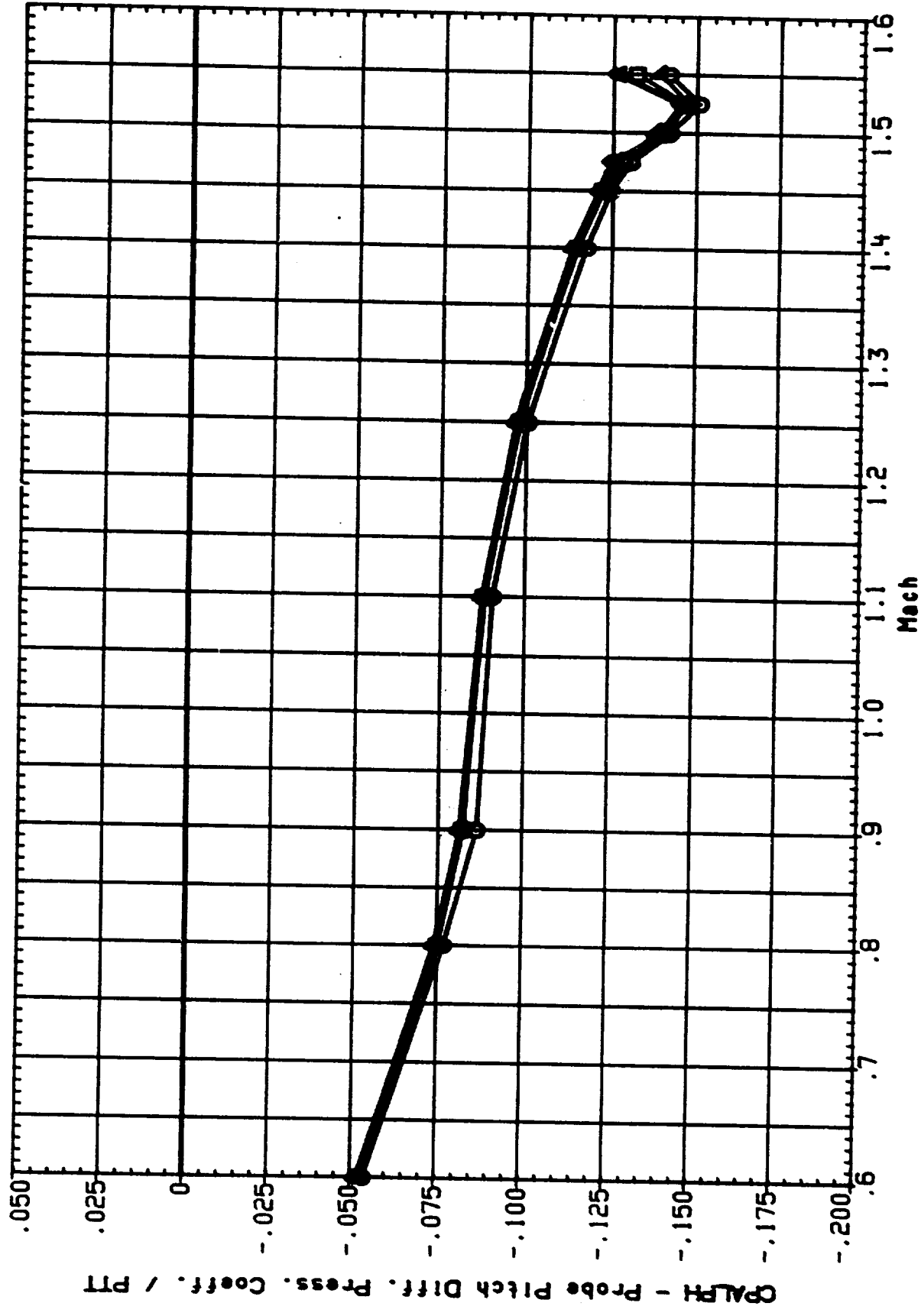


FIG. 2 AADS PROBE CALIBRATION - TEST SERIES 4 - MACH EFFECTS

(A) ALPHA = -6.00

DATE 22 OCT 91

DATA SET SYMBOL

CHI42
CHI45
TCHI49
TCHI53
TCHI56

CONFIGURATION

IA310 (AEDC 161F-783) PROBE CALIBRATION
IA310 (AEDC 161F-783) PROBE CALIBRATION
IA310 (AEDC 161F-783) PROBE CALIBRATION
IA310 (AEDC 161F-783) PROBE CALIBRATION

ZETA

4.000 180.000
2.000 180.000
2.000 180.000
4.000 180.000

PHI

180.000
180.000
180.000
180.000

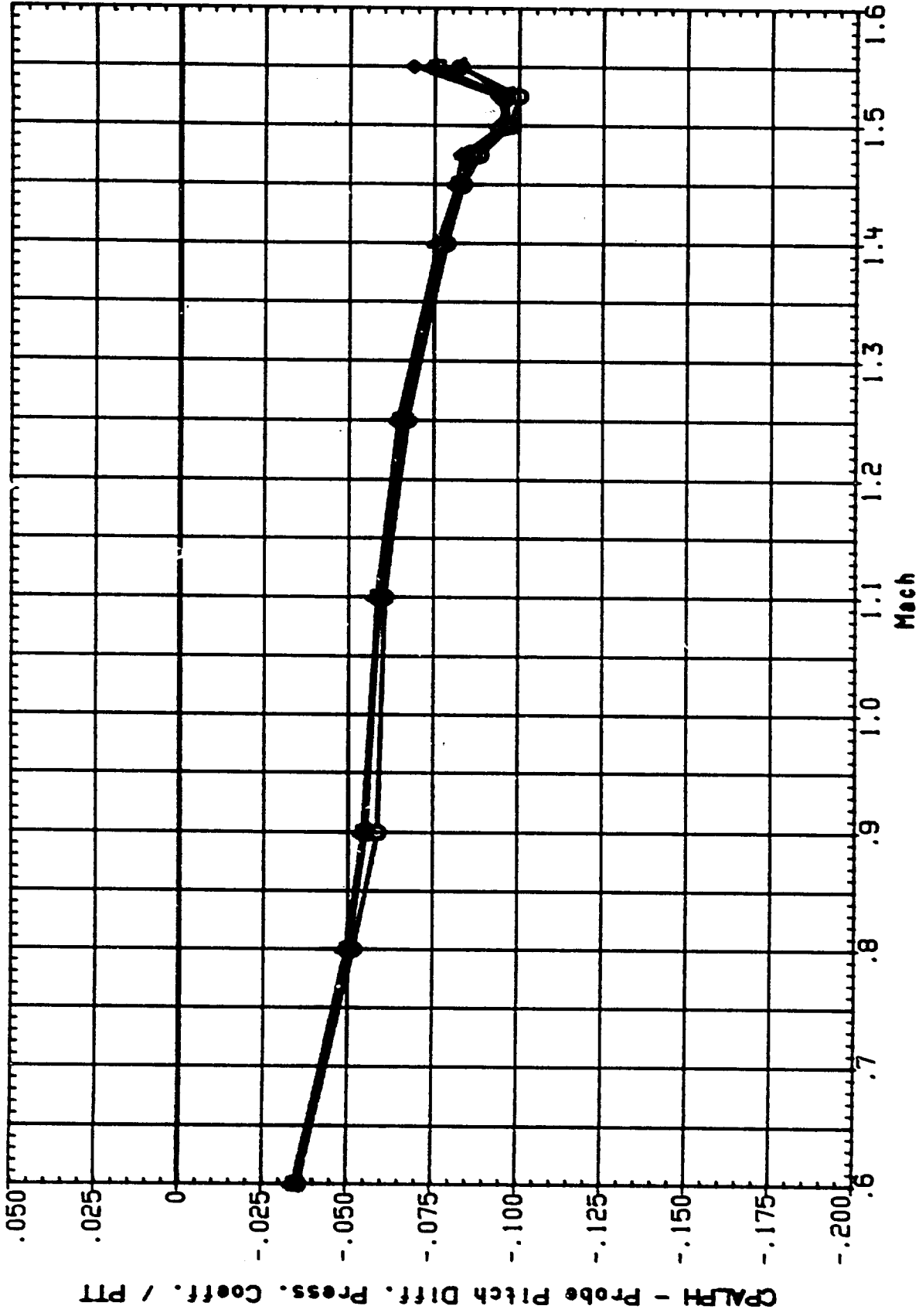


FIG. 2 AADS PROBE CALIBRATION - TEST SERIES 4 - MACH EFFECTS

(B) ALPHA = -4.00

DATE 22 OCT 91

DATA SET SYMBOL	CONFIGURATION	BETA	PHI
TCH142	IA310 (AEDC 161F-783) PROBE CALIBRATION	-4.000	180.000
TCH145	IA310 (AEDC 161F-783) PROBE CALIBRATION	-2.000	180.000
TCH149	IA310 (AEDC 161F-783) PROBE CALIBRATION	.000	180.000
TCH153	IA310 (AEDC 161F-783) PROBE CALIBRATION	2.000	180.000
TCH156	IA310 (AEDC 161F-783) PROBE CALIBRATION	4.000	180.000

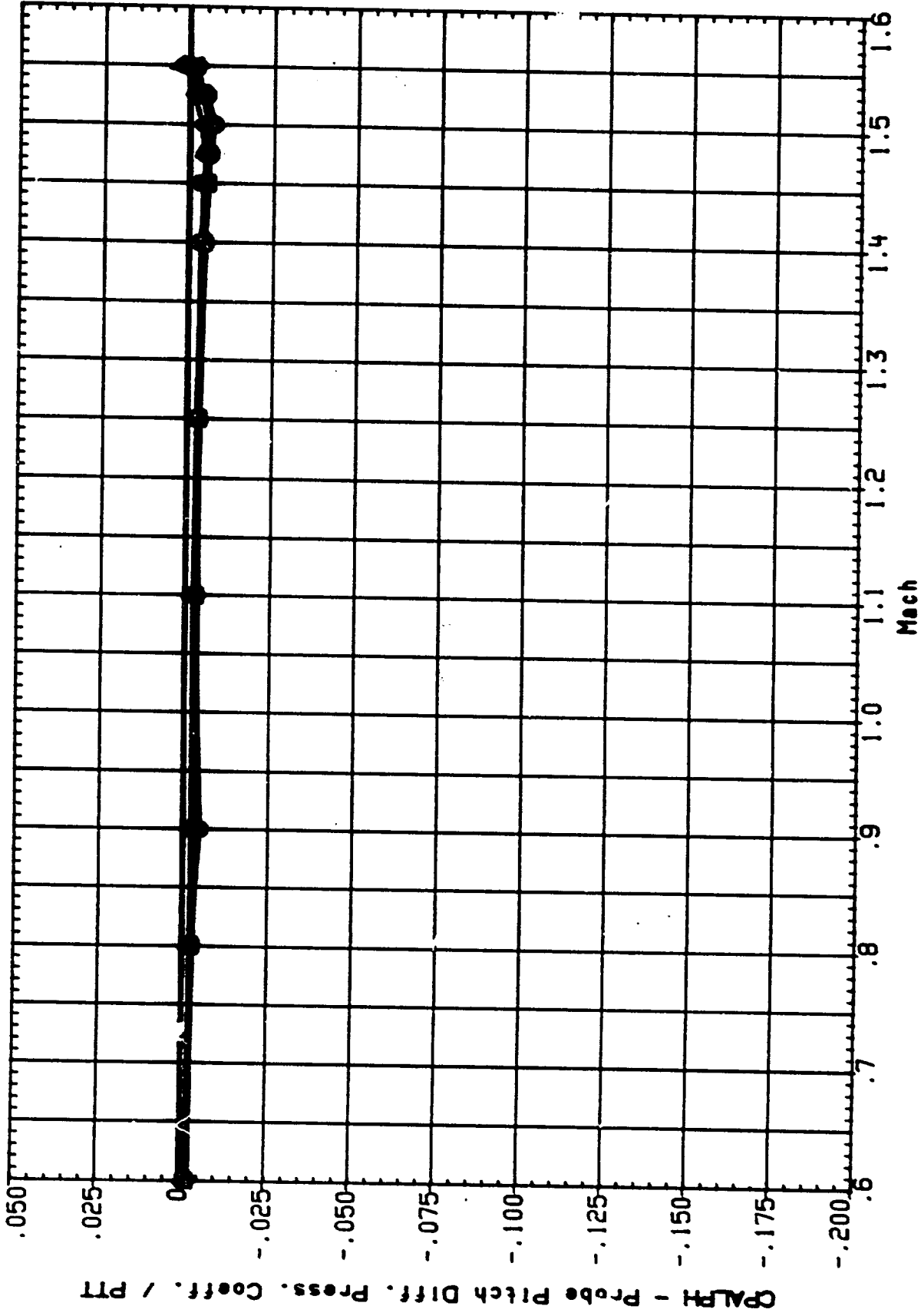


FIG. 2 AADS PROBE CALIBRATION - TEST SERIES 4 - MACH EFFECTS

(C) ALPHA = .00

DATE 22 OCT 91

TA SET SYMBOL

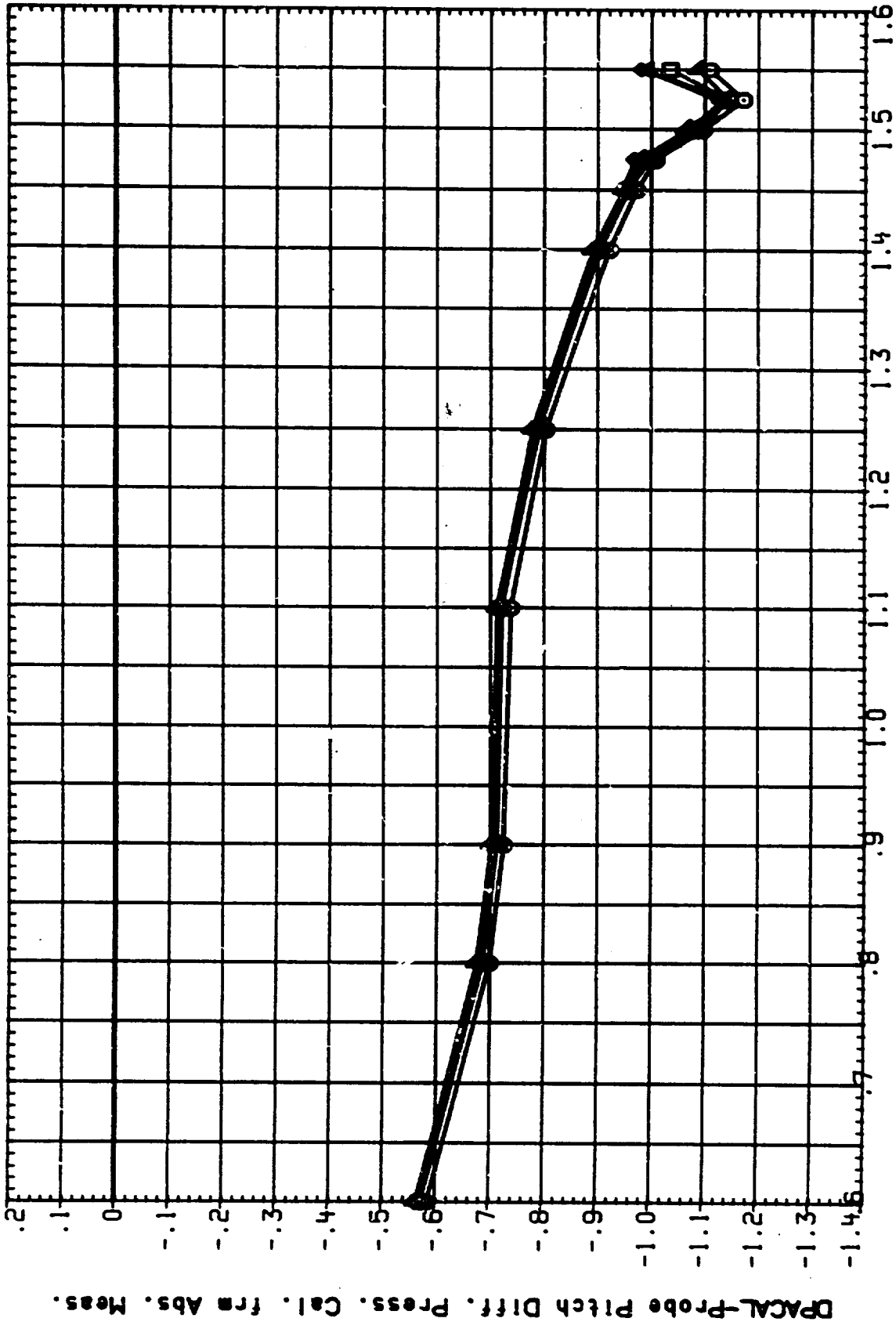
MI12
UCH15
UCH153
UCH156

CONFIGURATION

IA310 (AEDC 161F-783) PROBE CALIBRATION
IA310 (AEDC 161F-783) PROBE CALIBRATION
IA310 (AEDC 161F-783) PROBE CALIBRATION
IA310 (AEDC 161F-783) PROBE CALIBRATION
IA310 (AEDC 161F-783) PROBE CALIBRATION

TA PHI

-2.000 180.000
.000 180.000
2.000 180.000
4.000 180.000



Mach

FIG. 2 AADS PROBE CALIBRATION - TEST SERIES 4 - MACH EFFECTS

(A) ALPHA = -6.00

DATE 22 OCT 91

PAGE 157

DATA SET SYMBOL
 UCH142
 UCH145
 UCH148
 UCH153
 UCH156

CONFIGURATION
 IA310 (AEDC 181F-783) PROBE CALIBRATION
 IA310 (AEDC 181F-783) PROBE CALIBRATION
 IA310 (AEDC 181F-783) PROBE CALIBRATION
 IA310 (AEDC 181F-783) PROBE CALIBRATION

BETA PHI
 -4.000 180.000
 -2.000 180.000
 2.000 180.000
 4.000 180.000

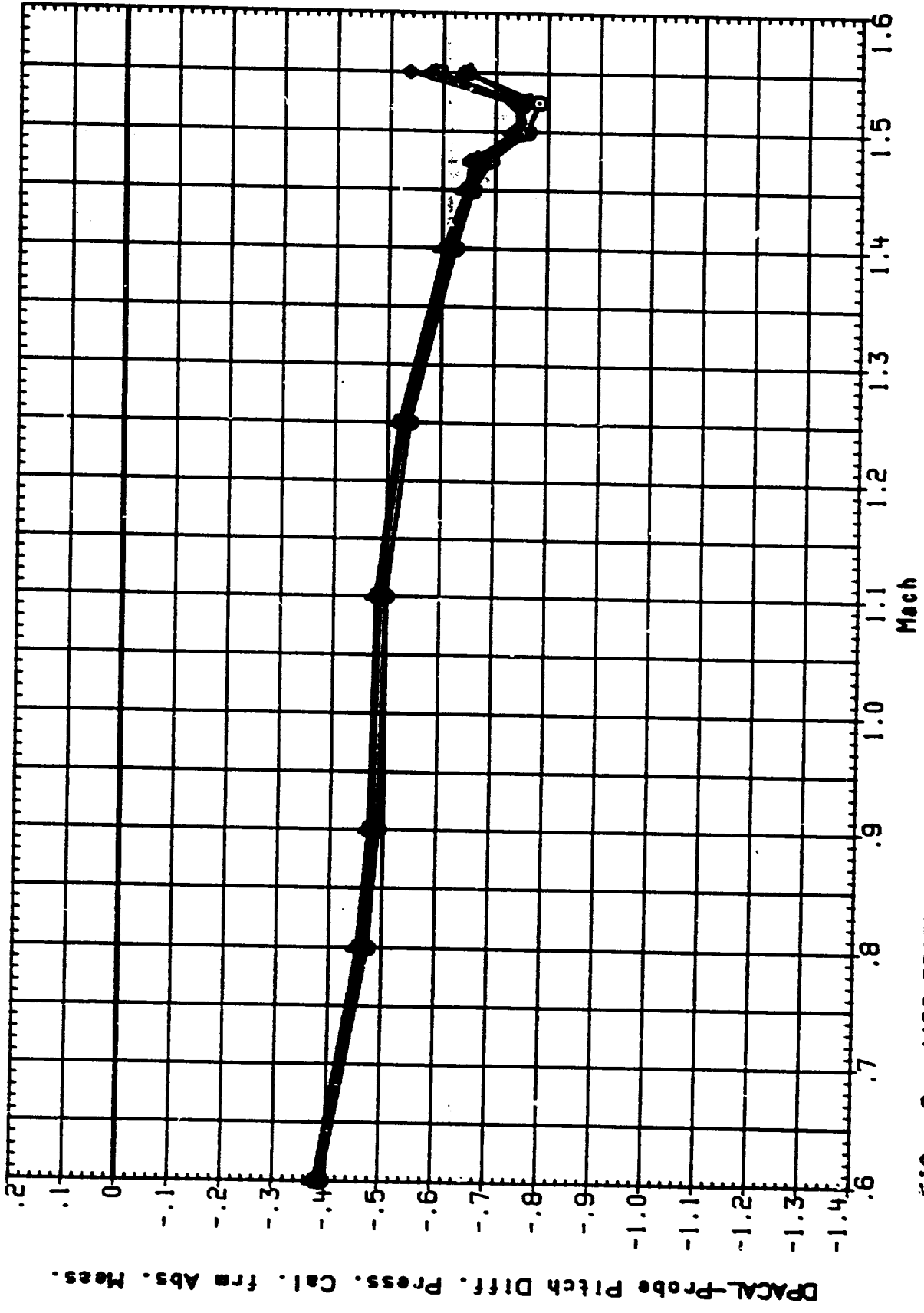


FIG. 2 AADS PROBE CALIBRATION - TEST SERIES 4 - MACH EFFECTS

(B) ALPHA = -4.00

DATE 22 OCT 91

1 SET SYMBOL

UCH142
UCH149
UCH153
UCH158

CONFIGURATION

IA310 (AEDC 181F-783) PROBE CALIBRATION
IA310 (AEDC 181F-783) PROBE CALIBRATION
IA310 (AEDC 181F-783) PROBE CALIBRATION
IA310 (AEDC 181F-783) PROBE CALIBRATION

A PHI

.000 180.000
-2.000 180.000
2.000 180.000
4.000 180.000

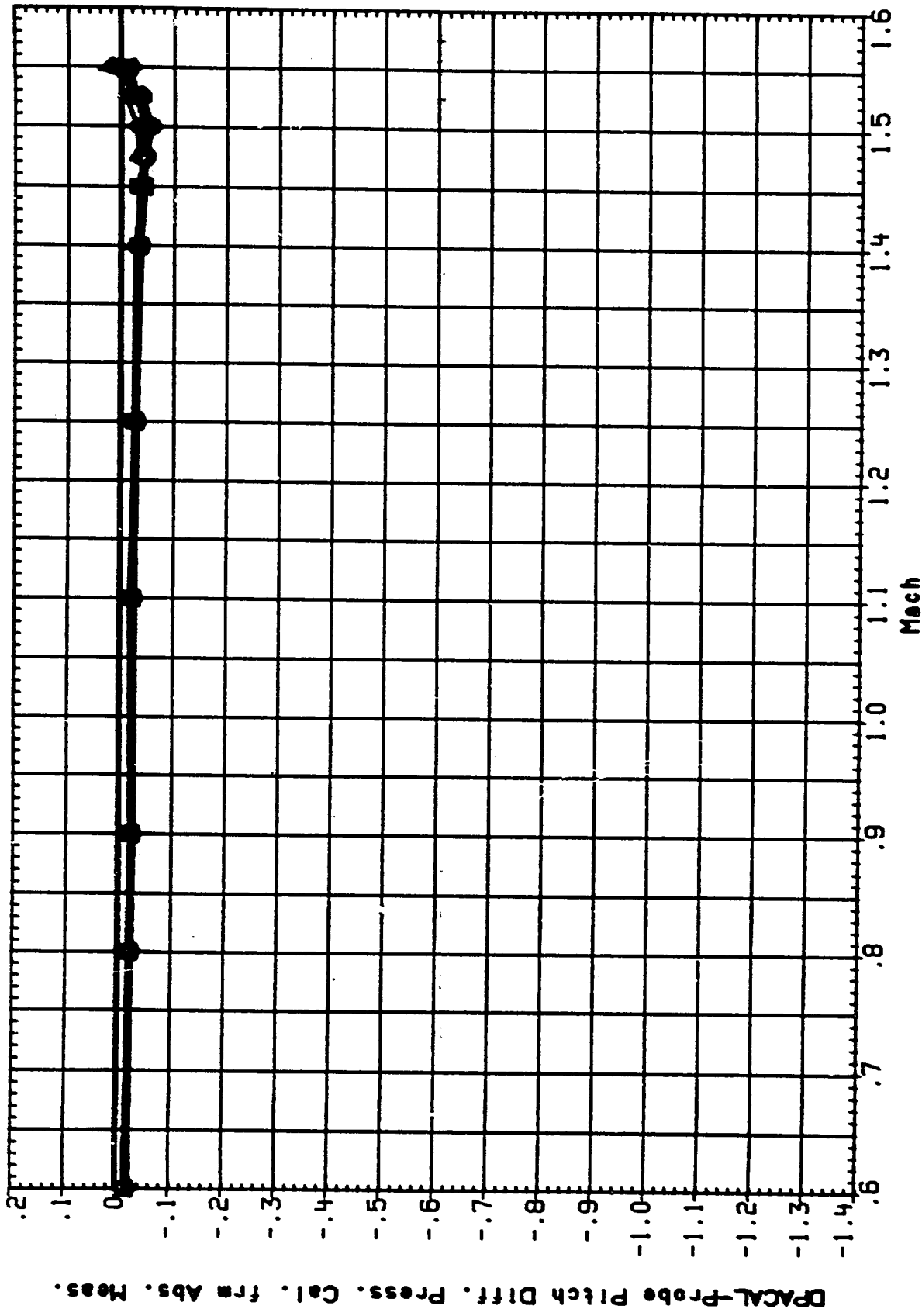


FIG. 2 AADS PROBE CALIBRATION - TEST SERIES 4 - MACH EFFECTS

(C) ALPHA = .00

DATE 22 OCT 91

DATA SET SYMBOL

TCH142
TCH145
TCH149
TCH153
TCH156

CONFIGURATION

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

BETA PHI

-4.000 180.000
-2.000 180.000
2.000 180.000
4.000 180.000

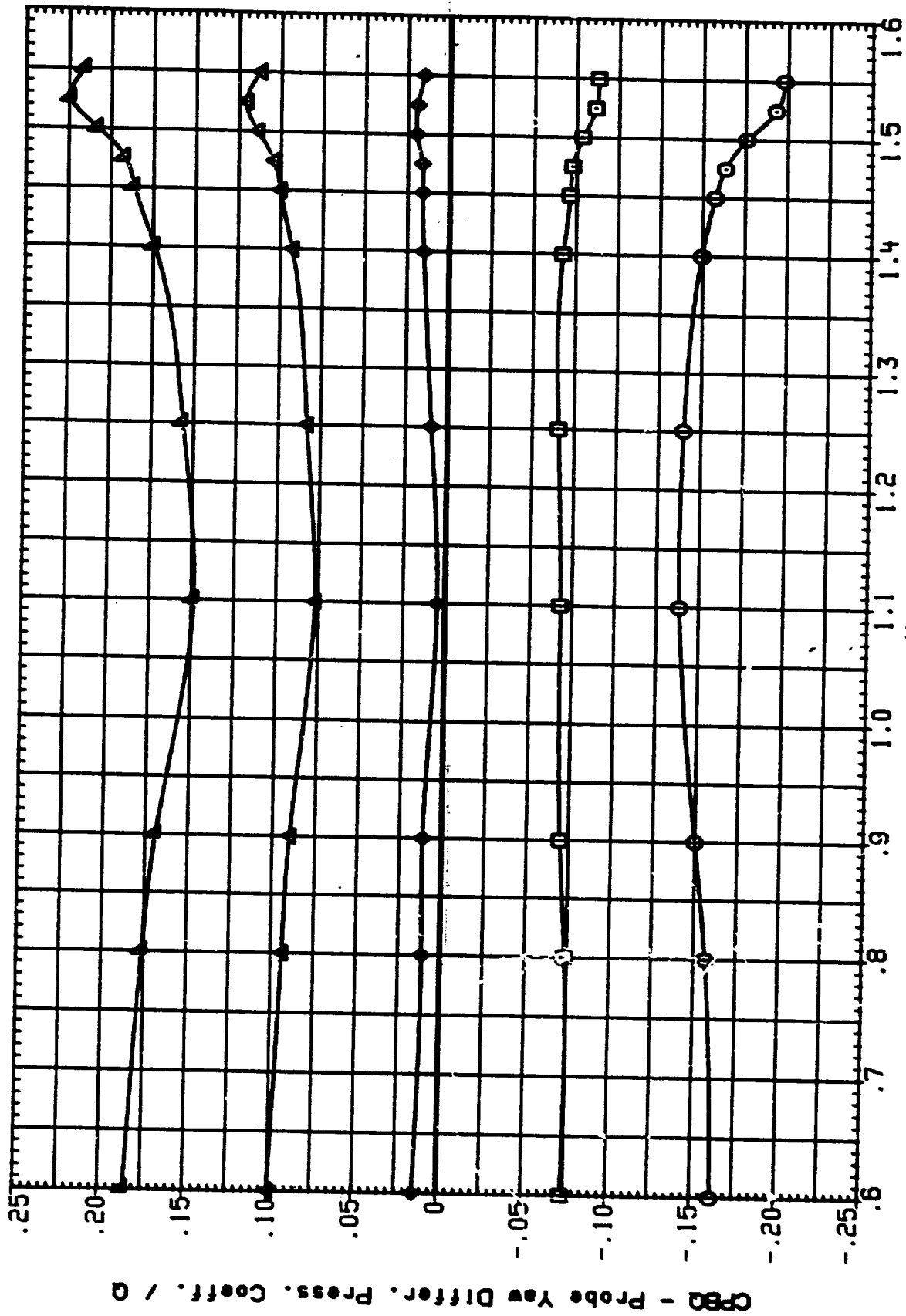


FIG. 2 AADS PROBE CALIBRATION - TEST SERIES 4 - MACH EFFECTS

(A) ALPHA = -6.00

DATE 22 OCT 91

TA SET SYMBOL

CH12
CH149
TCH149
TCH153
TCH158

CONFIGURATION

IA310 (AEDC 161F-783) PROBE CALIBRATION
IA310 (AEDC 161F-783) PROBE CALIBRATION
IA310 (AEDC 161F-783) PROBE CALIBRATION
IA310 (AEDC 161F-783) PROBE CALIBRATION
IA310 (AEDC 161F-783) PROBE CALIBRATION

TA PHI

-4.000 180.000
-2.000 180.000
2.000 180.000
4.000 180.000

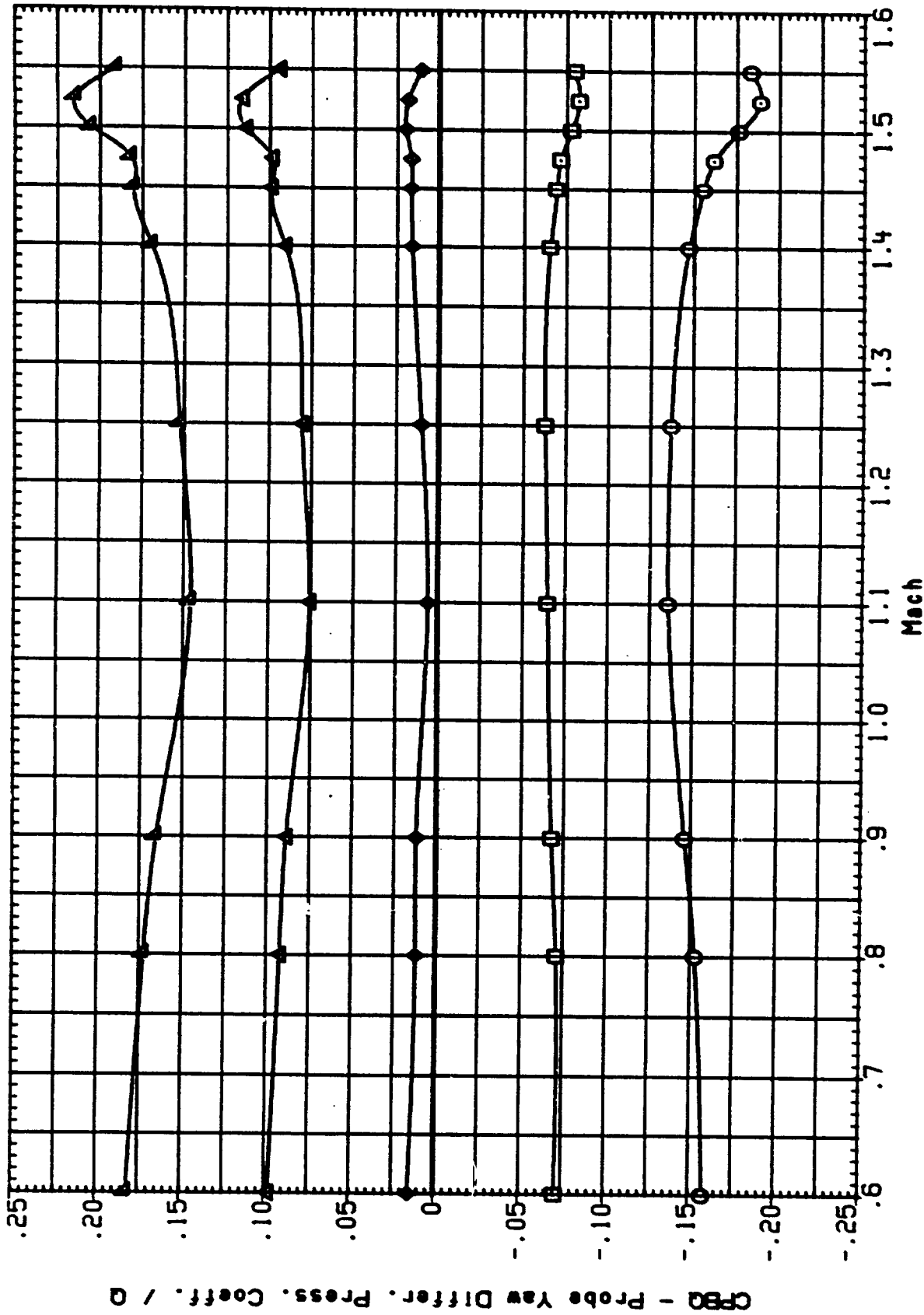


FIG. 2 AADS PROBE CALIBRATION - TEST SERIES 4 - MACH EFFECTS

(B) ALPHA = -4.00

DATE 22 OCT 91

DATA SET SYMBOL	CONFIGURATION	BETA	PHI
TCH142	IA310 (AEDC 16TF-783) PROBE CALIBRATION	-4.000	180.000
TCH145	IA310 (AEDC 16TF-783) PROBE CALIBRATION	-2.000	180.000
TCH149	IA310 (AEDC 16TF-783) PROBE CALIBRATION	.000	180.000
TCH153	IA310 (AEDC 16TF-783) PROBE CALIBRATION	2.000	180.000
TCH156	IA310 (AEDC 16TF-783) PROBE CALIBRATION	4.000	180.000

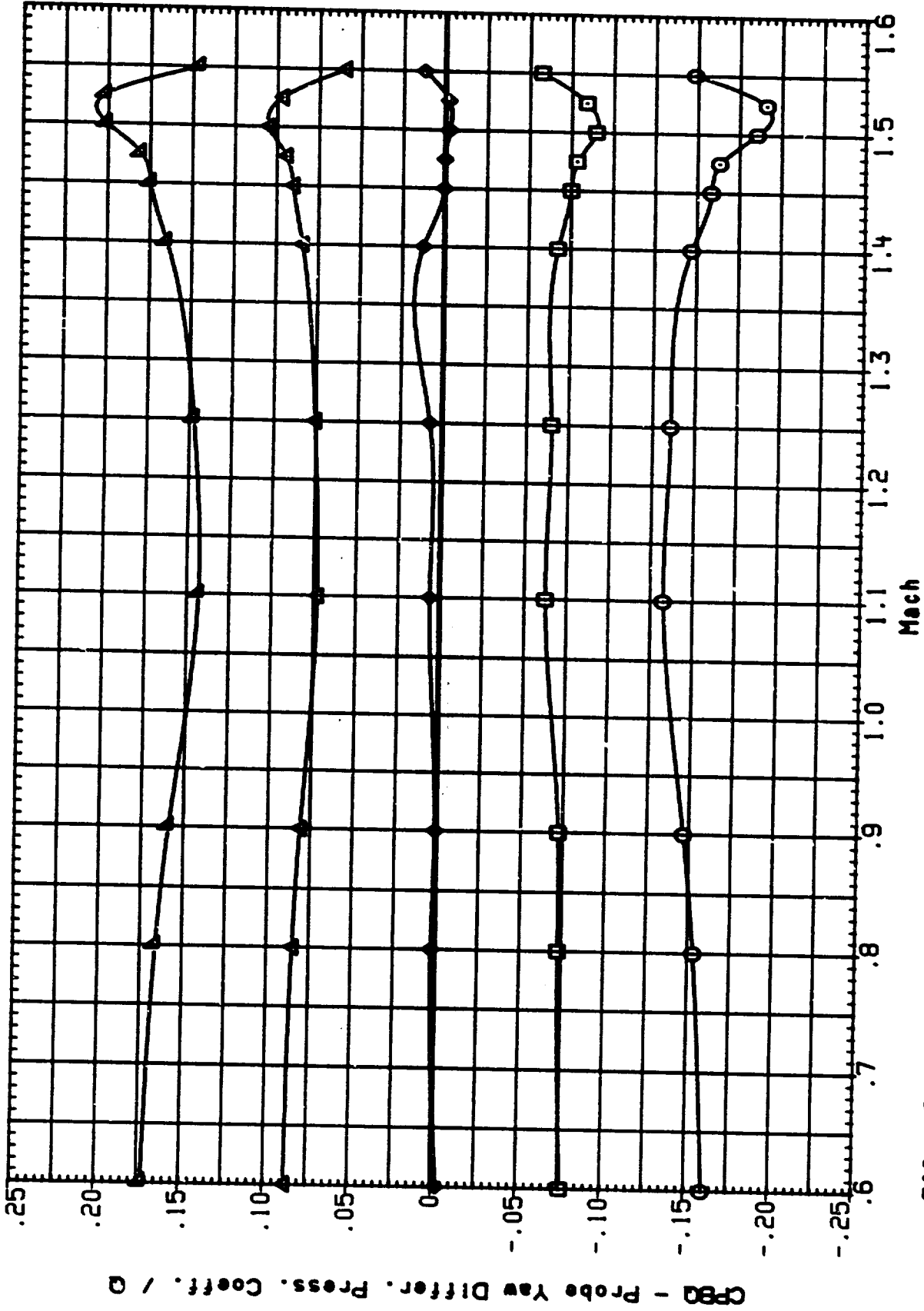


FIG. 2 AADS PROBE CALIBRATION - TEST SERIES 4 - MACH EFFECTS

(C) ALPHA = .00

DATE 22 OCT 91

A SET SYMBOL

TCH152
TCH155
TCH158
TCH153
TCH156

CONFIGURATION

IA310 (AEDC 161F-783) PROBE CALIBRATION
IA310 (AEDC 161F-783) PROBE CALIBRATION
IA310 (AEDC 161F-783) PROBE CALIBRATION
IA310 (AEDC 161F-783) PROBE CALIBRATION
IA310 (AEDC 161F-783) PROBE CALIBRATION

TA PHI

-4.000 180.000
-2.000 180.030
.000 180.000
2.000 180.000
4.000 180.000

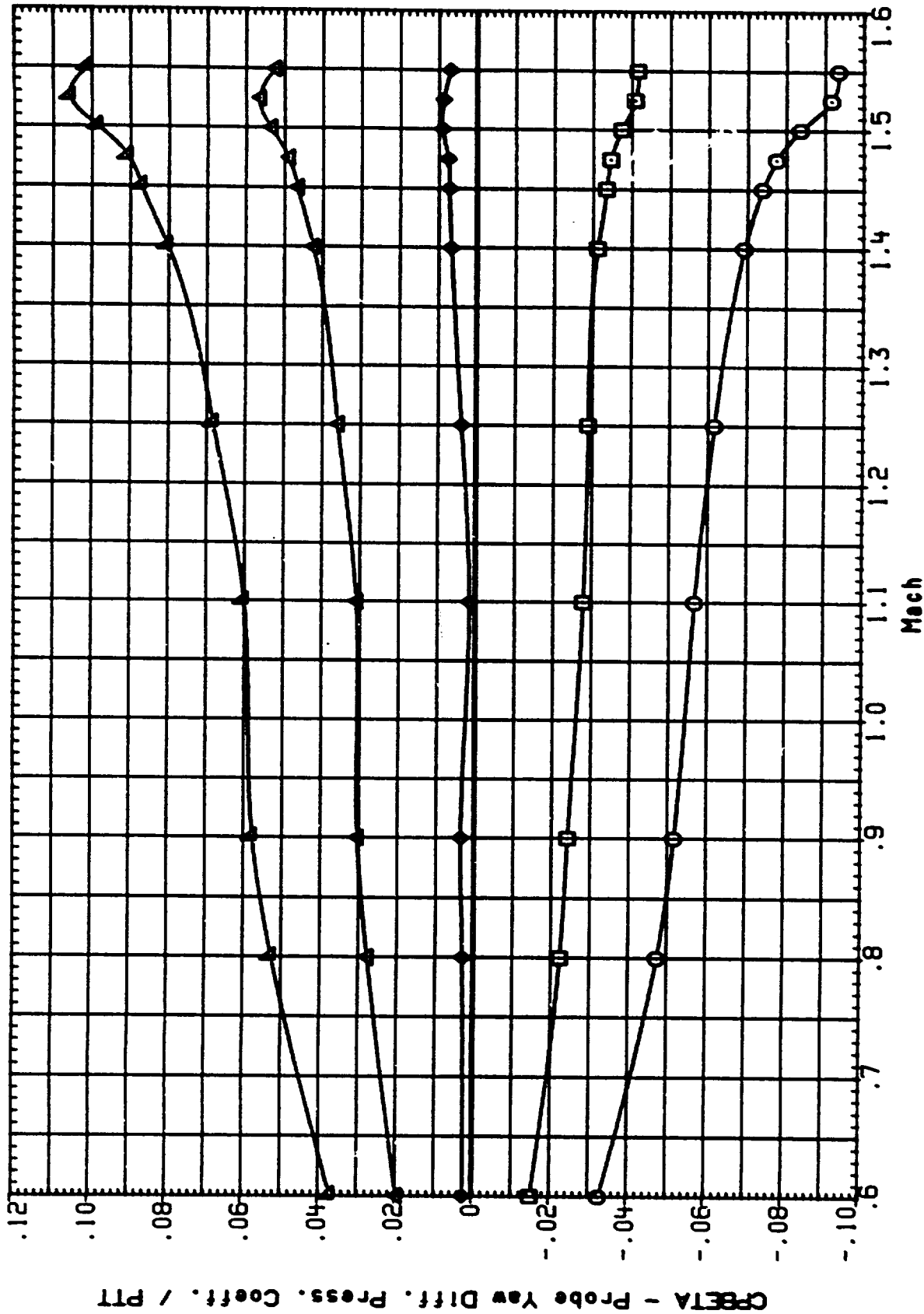


FIG. 2 AADS PROBE CALIBRATION - TEST SERIES 4 - MACH EFFECTS

(A) ALPHA = -6.00

DATE 22 OCT 91

DATA SET SYMBOL

TCH142
TCH145
TCH149
TCH153
TCH156

CONFIGURATION

IA310 (AEDC 181F-783) PROBE CALIBRATION
IA310 (AEDC 181F-783) PROBE CALIBRATION
IA310 (AEDC 181F-783) PROBE CALIBRATION
IA310 (AEDC 181F-783) PROBE CALIBRATION

BETA PHI

-4.000 180.000
-2.000 180.000
2.000 180.000
4.000 180.000

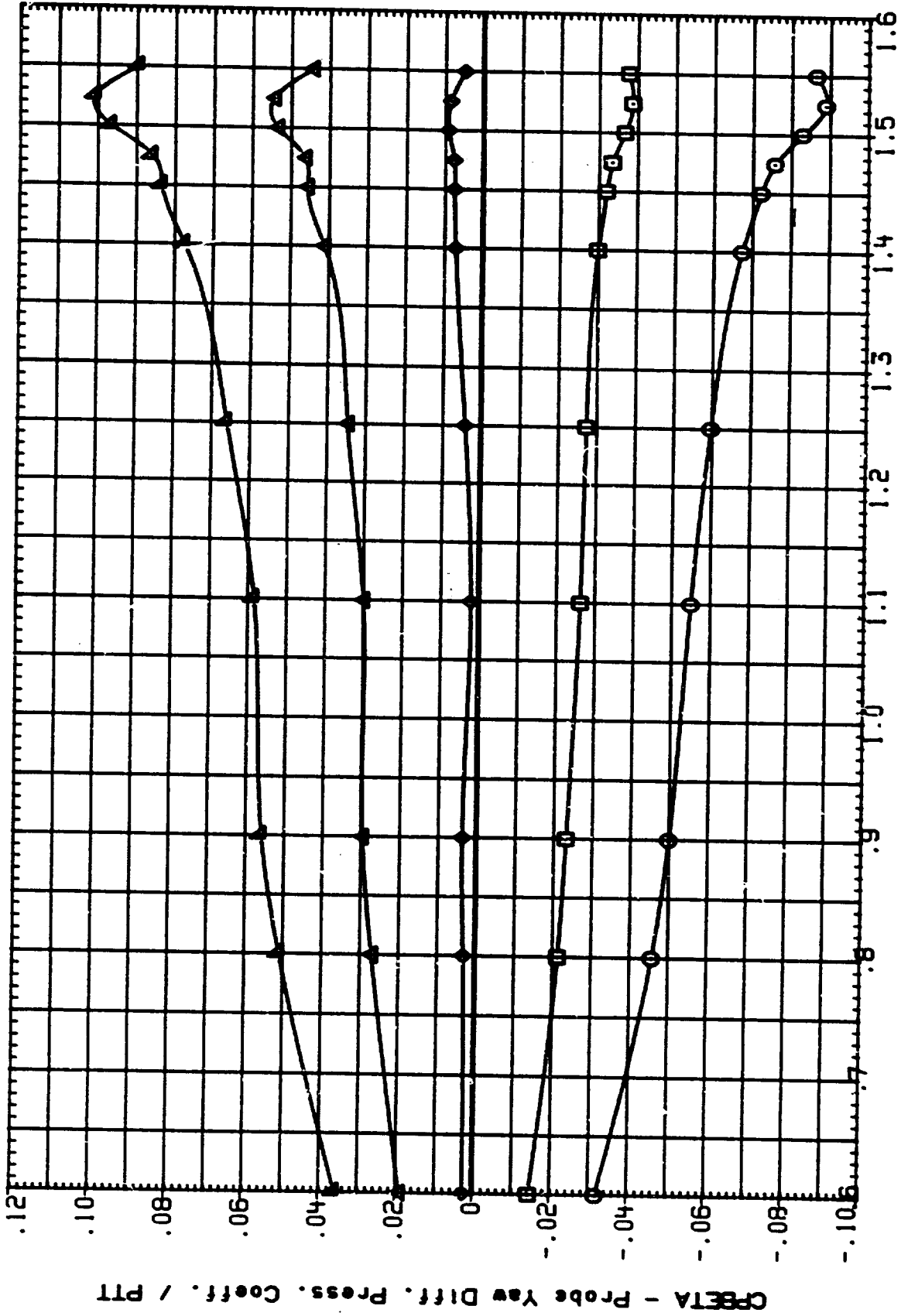


FIG. 2 AADS PROBE CALIBRATION - TEST SERIES 4 - MACH EFFECTS

(B) ALPHA = -4.00

DATE: 22 OCT 91

TEST SYMBOL

TCH142
TCH149
TCH153
TCH156

CONFIGURATION

IA310 (AEDC 161F-783) PROBE CALIBRATION
IA310 (AEDC 161F-783) PROBE CALIBRATION
IA310 (AEDC 161F-783) PROBE CALIBRATION
IA310 (AEDC 161F-783) PROBE CALIBRATION

PHI

-2.000 180.000
-2.000 180.000
2.000 180.000
4.000 180.000

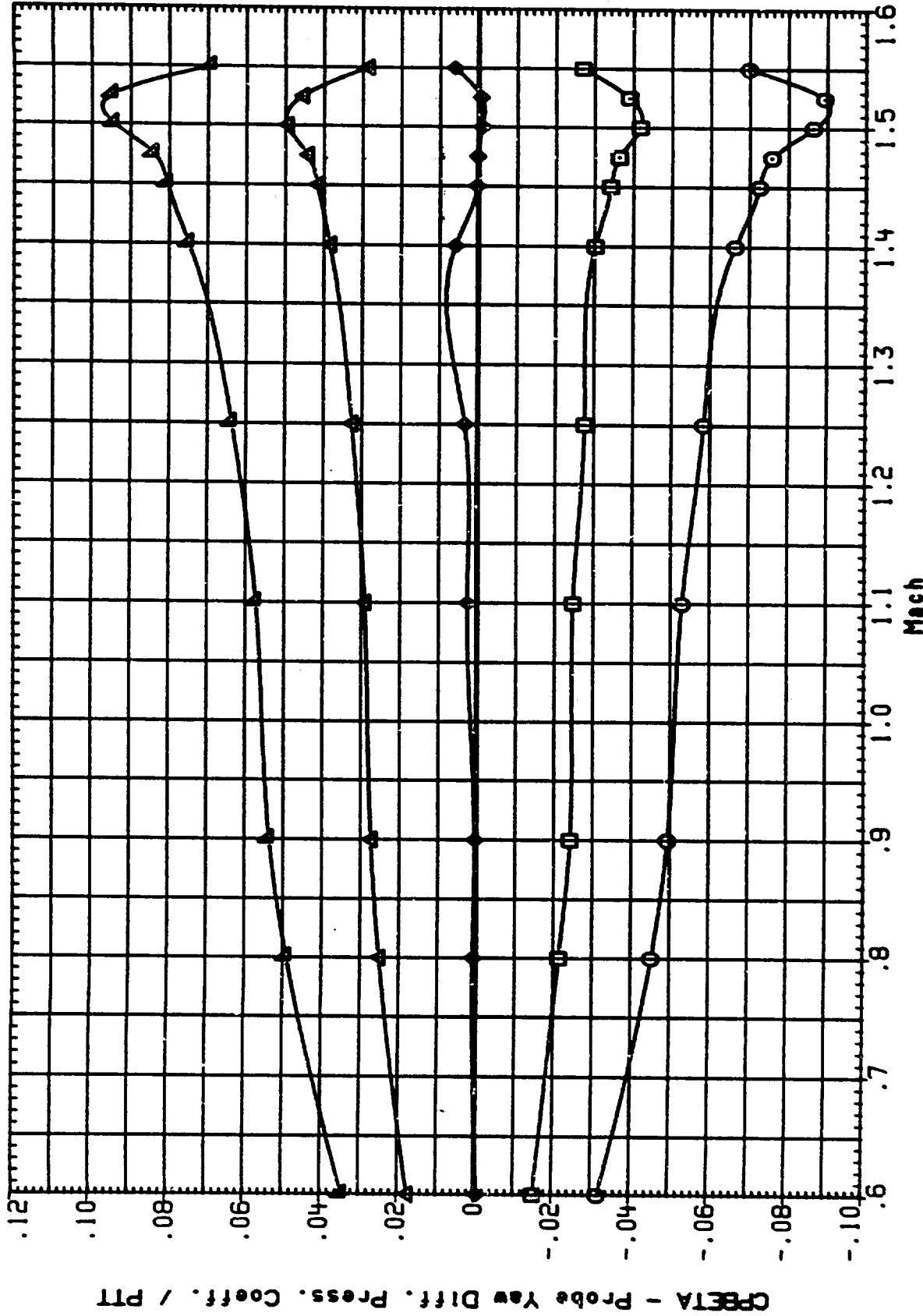


FIG. 2 AADS PROBE CALIBRATION - TEST SERIES 4 - MACH EFFECTS

(C) ALPHA = .00

DATE 22 OCT 91

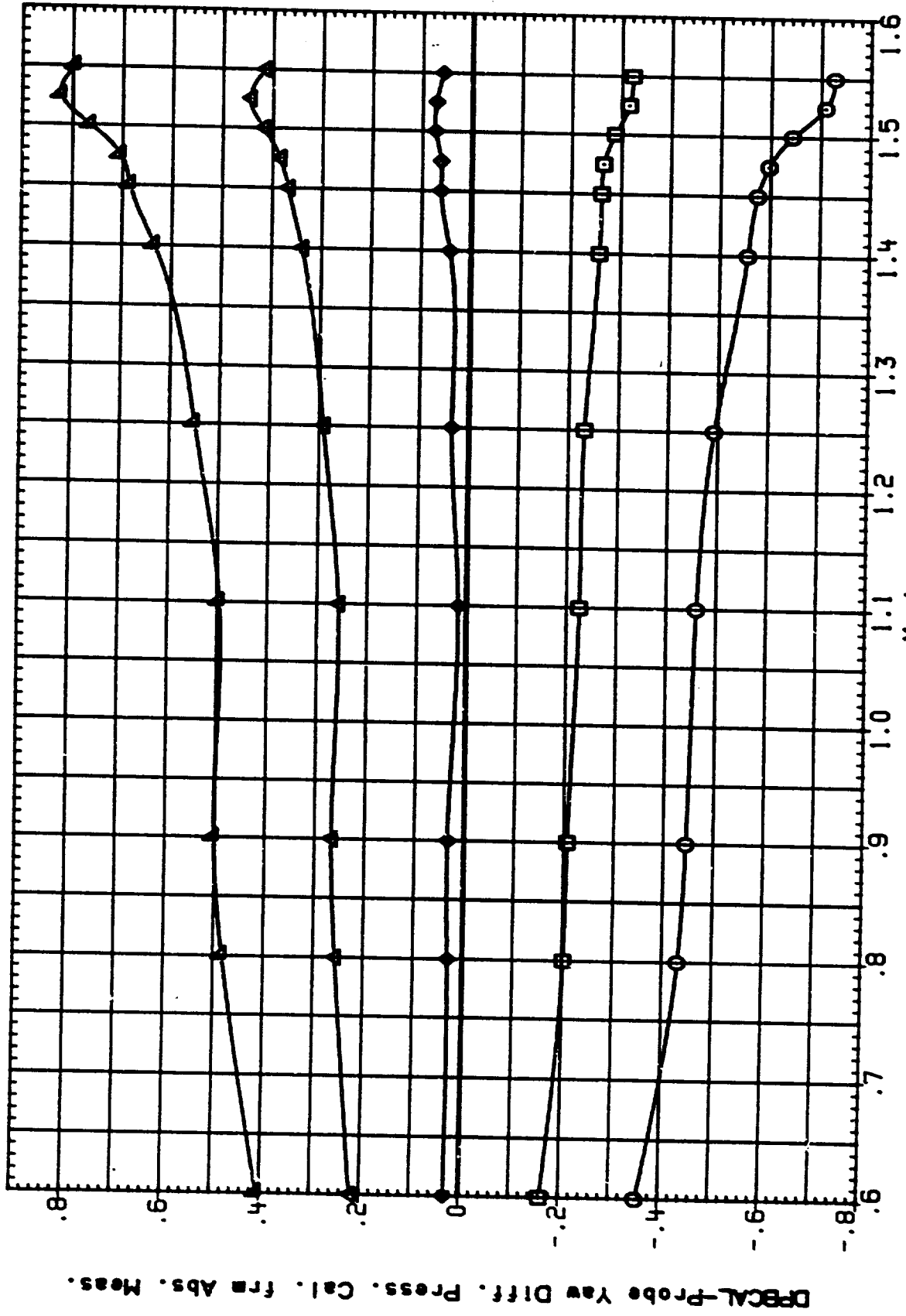
DATA SET SYMBOL

- UCHI2
- UCHI45
- UCHI49
- UCHI53
- UCHI56

CONFIGURATION

- IA310 (AEDC 161F-783) PROBE CALIBRATION
- IA310 (AEDC 161F-783) PROBE CALIBRATION
- IA310 (AEDC 161F-783) PROBE CALIBRATION
- IA310 (AEDC 161F-783) PROBE CALIBRATION
- IA310 (AEDC 161F-783) PROBE CALIBRATION

- BETA PHI
- 4.000 180.000
- 2.000 180.000
- .000 180.000
- 2.000 180.000
- 4.000 180.000



DPBCAL-Probe Yaw Diff. Press. Cal. from Abs. Meas.

FIG. 2 AADS PROBE CALIBRATION - TEST SERIES 4 - MACH EFFECTS

ALPHA = -6.00

DATE: 2 OCT 91

PAGE

SET SYMBOL

- UCHI42
- UCHI45
- UCHI49
- UCHI53
- UCHI56

CONFIGURATION

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

PHI

- 4.000
- 2.000
- 2.000
- 4.000

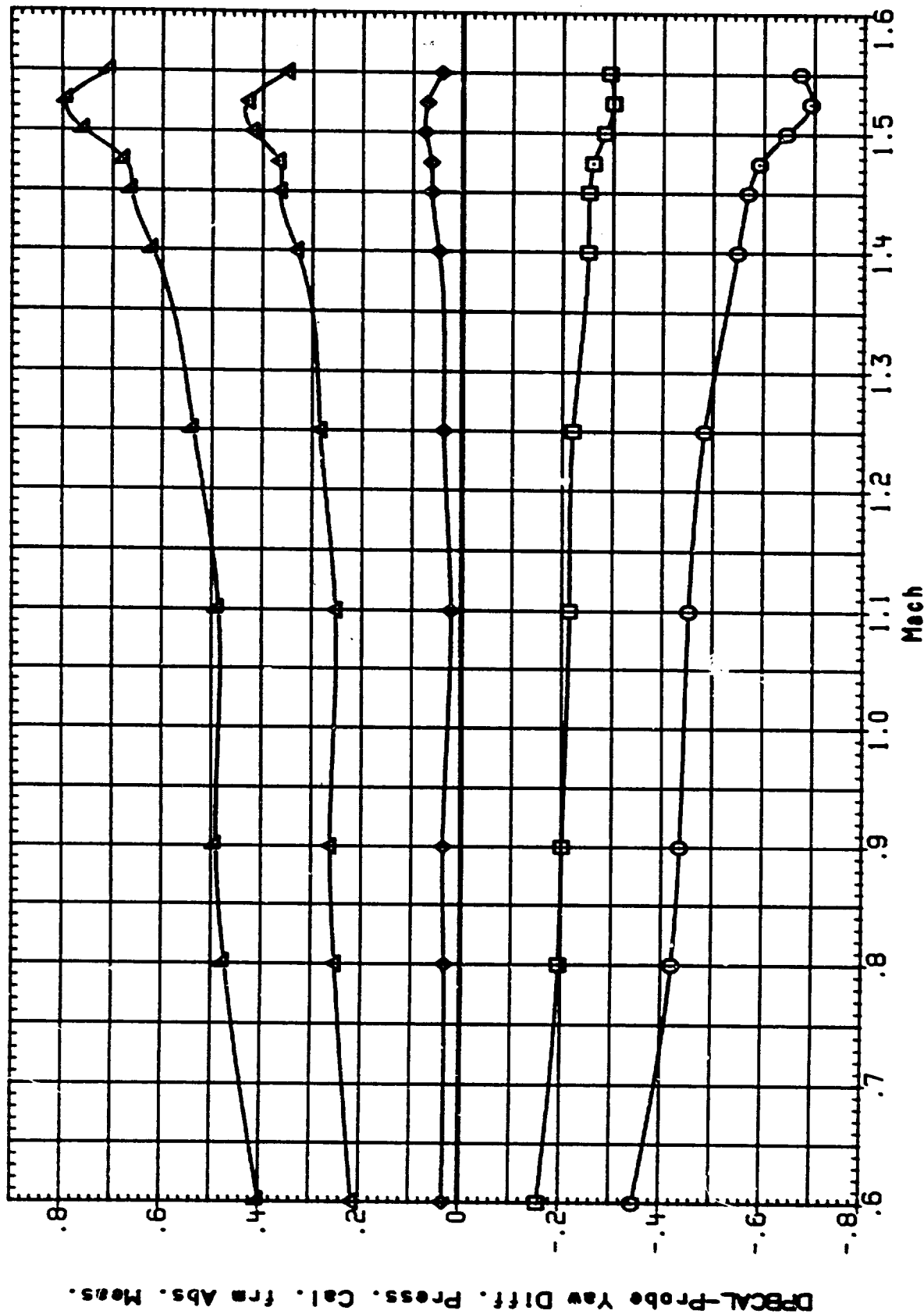


FIG. 2 AADS PROBE CALIBRATION - TEST SERIES 4 - MACH EFFECTS

(B) ALPHA = -4.00

DATE 22 OCT 91

PAGE 167

DATA SET SYMBOL

- UCHI12
- UCHI145
- UCHI149
- UCHI153
- UCHI156

CONFIGURATION

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

- BETA
- 4.000
- 2.000
- .000
- 2.000
- 4.000

PHI

- 180.000
- 180.000
- 180.000
- 180.000

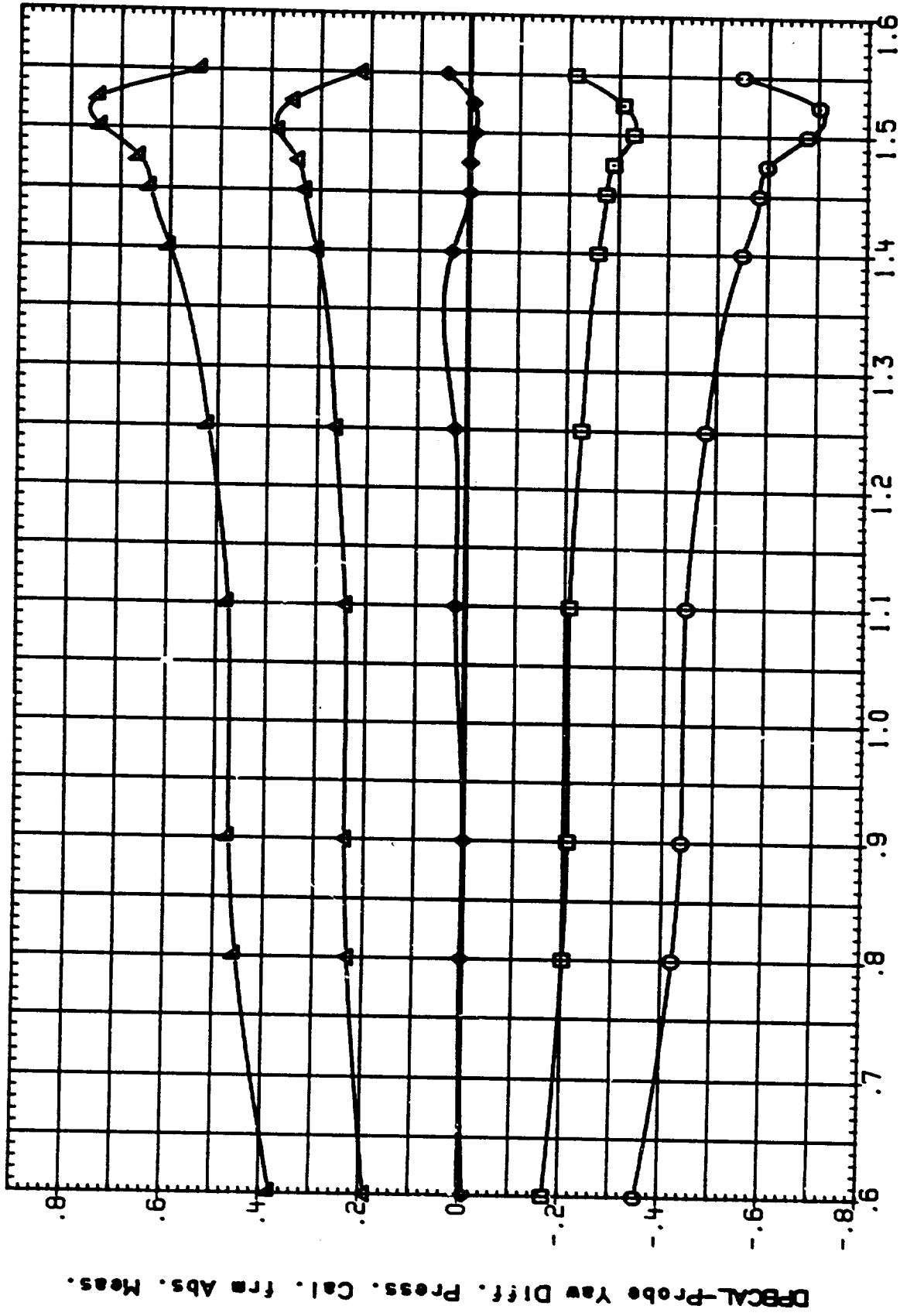


FIG. 2 AADS PROBE CALIBRATION - TEST SERIES 4 - MACH EFFECTS

ALPHA = .00

DATE 2 OCT 91

APPENDIX
TABULATED SOURCE DATA



PARAMETRIC DATA

BETA = .000 PHI = .000

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

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
.599	-8.006	.64397	.68270	.57080	.49672	.07797	.97712	1.01156	.94550	.88840	.52263
.599	-6.998	.66997	.70715	.59912	.52568	.10657	.95990	.99646	.92636	.86714	.49410
.600	-6.001	.69496	.73051	.62556	.55281	.13561	.94137	.97935	.90549	.84458	.46556
.599	-4.998	.71989	.75432	.65203	.57976	.16298	.92490	.96380	.88659	.82393	.43904
.599	-3.995	.74485	.78149	.68081	.60873	.19260	.90628	.94712	.86659	.80205	.41153
.600	-3.002	.76737	.80409	.70546	.63396	.22047	.88606	.92786	.84447	.77834	.38397
.600	-1.999	.79169	.83059	.73354	.66234	.24954	.86828	.91087	.82413	.75633	.35669
.600	-.995	.81291	.85470	.75899	.68882	.27886	.84855	.89129	.80176	.73190	.32823
.600	.009	.83383	.87531	.78275	.71360	.30674	.82942	.87104	.77814	.70653	.29940
.600	1.003	.85339	.89485	.80551	.73781	.33501	.80786	.84855	.75346	.68088	.27086
.600	2.001	.87407	.91549	.82883	.76176	.36441	.78645	.82479	.72951	.65610	.24327
.600	3.011	.89292	.93275	.84903	.78290	.39100	.76264	.79958	.70210	.62825	.21423
.600	4.005	.91314	.95316	.87276	.80782	.42029	.73951	.77635	.67622	.60169	.18527
.600	4.999	.93056	.96810	.89149	.82840	.44727	.71577	.75040	.64838	.57329	.15700
.600	6.003	.94780	.98416	.91089	.84986	.47527	.69063	.72584	.62101	.54565	.12853
.600	6.998	.96540	.99947	.92947	.87050	.50224	.66573	.70161	.59383	.51727	.09924
.600	7.996	.97943	1.01206	.94604	.88909	.52726	.63905	.67754	.56590	.48872	.07106
	GRADIENT	.02098	.02137	.02393	.02485	.02845	-.02079	-.02136	-.02379	-.02505	-.02826

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

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
.800	-8.000	.72859	.76553	.65480	.57930	.29777	1.04808	1.08475	1.01752	.95910	.58706
.800	-6.987	.75257	.78787	.68103	.60593	.30072	1.03024	1.06911	.99835	.93763	.55842
.800	-5.995	.77549	.81094	.70691	.63261	.30125	1.01320	1.05404	.97954	.91714	.53095
.800	-4.981	.79970	.83557	.73341	.65944	.30086	.99559	1.03814	.96038	.89608	.50337
.800	-3.994	.82201	.85958	.75886	.68536	.29935	.97680	1.02063	.93956	.87378	.47455
.800	-2.997	.84430	.88320	.78475	.71189	.29891	.95949	1.00457	.92050	.85282	.44802
.800	-1.993	.86536	.90750	.81022	.73834	.31181	.93956	.98521	.89816	.82810	.41821
.800	-.989	.88818	.93149	.83661	.76554	.34280	.92272	.96773	.87745	.80539	.39130
.800	.014	.90664	.95044	.85864	.78860	.37004	.90204	.94693	.85369	.78040	.36193
.800	1.003	.92510	.96934	.88059	.81165	.39803	.88100	.92507	.82961	.75524	.33338
.800	2.006	.94560	.98893	.90299	.83544	.42690	.86168	.90244	.80591	.73095	.30577
.800	3.005	.96443	1.00734	.92436	.85770	.45501	.83953	.87835	.77993	.70411	.27675
.799	4.004	.98396	1.02553	.94583	.88036	.48313	.81767	.85561	.75405	.67739	.26040
.800	5.003	.99947	1.04013	.96393	.90005	.50967	.79340	.82984	.72714	.64999	.25997
.800	6.002	1.01660	1.05554	.98255	.92080	.53728	.77068	.80624	.70113	.62350	.25758
.800	7.012	1.03533	1.07232	1.00291	.94286	.56611	.74831	.78390	.67600	.59747	.25640
.800	8.001	1.05101	1.08612	1.02044	.96248	.59325	.72510	.76200	.65054	.57107	.25927
	GRADIENT	.02038	.02109	.02362	.02460	.02218	-.01970	-.02032	-.02291	-.02431	-.02770

IA310 (AEDC 16TF-783) FLOW ANGULARITIES-FAIR OFF (RCMO01) (03 OCT 91)

PARAMETRIC DATA

BETA = .000 PHI = .000

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

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPC01	CPU	CPC4	CPC5	CPC6	CPO2
.900	-8.002	.78908	.82497	.71669	.64257	.21307	1.09507	1.13222	1.06570	1.00840	.64205
.900	-6.993	.81309	.84786	.74286	.66954	.24163	1.07941	1.11858	1.04858	.98910	.61571
.900	-5.994	.83596	.87102	.76888	.69586	.26905	1.06356	1.10455	1.03119	.97009	.58958
.900	-4.990	.85842	.89422	.79351	.72101	.29584	1.04670	1.08931	1.01257	.94977	.56285
.900	-3.991	.88069	.91830	.81892	.74692	.32390	1.02889	1.07306	.99311	.92850	.53551
.900	-2.976	.90162	.94062	.84345	.77200	.35086	1.01088	1.05591	.97299	.90643	.50787
.900	-1.994	.92137	.96340	.86766	.79711	.37866	.99232	1.03790	.95234	.88354	.48088
.900	-.999	.94180	.98545	.89190	.82193	.40691	.97477	1.02032	.93151	.86089	.45373
.900	.020	.96017	1.00417	.91357	.84486	.43379	.95554	1.00063	.90894	.83709	.42586
.900	1.003	.97923	1.02284	.93525	.86748	.46108	.93635	.98004	.88606	.81328	.39834
.900	2.007	.99758	1.04128	.95642	.89019	.48865	.91600	.95716	.86227	.78884	.37064
.900	3.011	1.01579	1.05912	.97706	.91170	.51534	.89579	.93495	.83812	.76406	.34330
.899	4.007	1.03499	1.07719	.99827	.93473	.54377	.87569	.91413	.81426	.73919	.31636
.899	5.006	1.05082	1.09173	1.01600	.95333	.56916	.85305	.88955	.78848	.71285	.28791
.900	6.007	1.06744	1.10679	1.03414	.97332	.59530	.83094	.86647	.76338	.68726	.26059
.900	7.002	1.08396	1.12154	1.05240	.99325	.62241	.80890	.84369	.73815	.66158	.23345
.900	8.008	1.09924	1.13511	1.06929	1.01229	.64859	.78668	.82287	.71386	.63616	.20704
	GRADIENT	.01944	.02021	.02267	.02363	.02750	-.01899	-.01959	-.02210	-.02346	-.02744

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

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPC01	CPU	CPC4	CPC5	CPC6	CPO2
1.099	-7.994	.94467	.97716	.87666	.80697	.42799	1.22014	1.25511	1.19315	1.13939	.80287
1.100	-6.977	.96680	.99763	.90056	.83144	.44394	1.20650	1.24337	1.17801	1.12251	.77887
1.100	-5.998	.98709	1.01842	.92381	.85472	.46804	1.19236	1.23099	1.16272	1.10528	.75565
1.100	-4.975	.97589	1.00888	.91596	.84747	.46200	1.14601	1.18641	1.11493	1.05612	.70105
1.100	-3.975	1.02605	1.06060	.96912	.90114	.51679	1.16001	1.20138	1.12695	1.06641	.70605
	GRADIENT	.05017	.05174	.05316	.05368	.05480	.01400	.01497	.01202	.01029	.00501

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

(RCMO01) (03 OCT 91)

PARAMETRIC DATA

BETA = .000 PHI = .000

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

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
1.250	-7.997	1.01332	1.04947	.94660	.87555	.48697	1.29469	1.33261	1.26693	1.21010	.86534
1.250	-6.985	1.03342	1.06894	.96943	.89875	.51118	1.27863	1.31893	1.25007	1.19168	.84050
1.250	-5.989	1.05350	1.08975	.99233	.92188	.53523	1.26304	1.30571	1.23357	1.17350	.81664
1.250	-4.990	1.07276	1.11085	1.01466	.94458	.55905	1.24696	1.29136	1.21615	1.15431	.79283
1.249	-3.978	1.09313	1.13269	1.03799	.96833	.58398	1.23002	1.27591	1.19707	1.13369	.76750
1.250	-2.987	1.11240	1.15385	1.06018	.99155	.60797	1.21352	1.25953	1.17836	1.11370	.74410
1.250	-1.988	1.13095	1.17559	1.08292	1.01442	.63242	1.19629	1.24306	1.15948	1.09339	.72030
1.250	-.985	1.14922	1.19475	1.10437	1.03714	.65739	1.17882	1.22599	1.13967	1.07177	.69604
1.250	.029	1.16696	1.21245	1.12465	1.05828	.68128	1.16201	1.20917	1.11972	1.05053	.67257
1.250	1.019	1.18483	1.23084	1.14491	1.07941	.70536	1.14439	1.18966	1.09832	1.02831	.64849
1.250	2.017	1.20200	1.24820	1.16506	1.10016	.72916	1.12632	1.16871	1.07675	1.00624	.62452
1.251	3.012	1.21840	1.26417	1.18413	1.12010	.75290	1.10771	1.14786	1.05446	.98387	.60102
1.250	3.971	1.23420	1.27893	1.20171	1.13929	.77601	1.08824	1.12811	1.03294	.96144	.57706
	GRADIENT	.01796	.01876	.02088	.02171	.02420	-.01757	-.01820	-.02040	-.02149	-.02396

IA310 (AEDC 16TF-783) FLOW ANGULARITIES-FAIR OFF (RCM002) (03 OCT 91)

PARAMETRIC DATA

BETA = .000 PHI = .000

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

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPC01	CPU	CPC4	CPC5	CPC6	CPO2
.599	-8.006	.64326	.68190	.57020	.49605	.07764	.97604	1.01046	.94427	.88710	.52154
.599	-6.994	.66860	.70538	.59744	.52401	.10567	.95870	.99497	.92490	.86576	.49311
.599	-5.996	.69515	.73041	.62543	.55252	.13530	.94252	.98000	.90632	.84529	.46626
.599	-4.999	.71968	.75440	.65210	.57972	.16361	.92480	.96412	.88702	.82440	.44008
.599	-4.000	.74482	.78104	.68049	.60853	.19273	.90686	.94788	.86730	.80276	.41265
.600	-3.003	.76717	.80385	.70528	.63370	.22004	.88670	.92861	.84502	.77899	.38463
.600	-1.999	.79173	.83085	.73365	.66247	.24943	.86800	.91084	.82412	.75631	.35630
.600	-1.000	.81346	.85507	.75965	.68934	.27908	.84889	.89150	.80180	.73191	.32817
.600	.014	.83294	.87469	.78230	.71334	.30689	.82804	.87023	.77729	.70579	.29931
.600	1.002	.85350	.89528	.80605	.73834	.33557	.80796	.84889	.75377	.68117	.27129
.601	2.001	.87340	.91426	.82782	.76058	.36356	.78587	.82393	.72860	.65524	.24302
.601	3.005	.89305	.93315	.84953	.78314	.39119	.76249	.79312	.70178	.62786	.21370
.601	4.010	.91172	.95093	.87081	.80606	.41947	.73800	.77393	.67416	.59974	.18460
.601	5.004	.92977	.96748	.89091	.82789	.44683	.71516	.74996	.64800	.57291	.15695
.600	6.003	.94743	.98384	.91054	.84938	.47473	.69028	.72539	.62003	.54511	.12811
.599	6.997	.96581	1.00042	.93049	.87147	.50312	.66612	.70252	.59465	.51811	.09999
.600	7.997	.97904	1.01166	.94571	.88866	.52750	.63893	.67729	.56571	.48856	.07117
	GRADIENT	.02120	.02179	.02424	.02510	.02843	-.02057	-.02109	-.02357	-.02493	-.02836

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

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPC01	CPU	CPC4	CPC5	CPC6	CPO2
.800	-8.005	.72805	.76515	.65411	.57863	.29898	1.04704	1.08381	1.01649	.95837	.58672
.800	-6.986	.75213	.78754	.68048	.60545	.29816	1.02957	1.06856	.99770	.93720	.55806
.800	-5.995	.77600	.81140	.70709	.63270	.29840	1.01361	1.05442	.97975	.91759	.53145
.800	-5.003	.79941	.83536	.73292	.65881	.29812	.99579	1.03831	.96044	.89636	.50383
.800	-3.989	.82286	.86059	.75957	.68605	.29790	.97749	1.02147	.94023	.87467	.47550
.800	-2.997	.84550	.88428	.78562	.71291	.29891	.96023	1.00487	.92061	.85312	.44838
.800	-1.999	.86662	.90856	.81109	.73917	.31318	.94088	.98626	.89912	.82929	.41964
.800	-.989	.88834	.93159	.83656	.76557	.34340	.92269	.96770	.87734	.80552	.39181
.800	.025	.90705	.95129	.85930	.78935	.37156	.90229	.94742	.85416	.78108	.36314
.799	1.008	.92575	.96981	.88081	.81197	.39855	.88152	.92527	.82962	.75539	.33379
.799	2.007	.94602	.98952	.90331	.83586	.42768	.86134	.90224	.80557	.73073	.30557
.800	3.005	.96463	1.00761	.92430	.85778	.45512	.84003	.87883	.78034	.70474	.27743
.800	4.020	.98335	1.02486	.94507	.87985	.48387	.81693	.85486	.75352	.67712	.25757
.799	5.003	1.00053	1.04116	.96470	.90087	.51085	.79430	.83060	.72779	.65075	.25714
.800	6.018	1.01799	1.05698	.98367	.92189	.53830	.77130	.80677	.70144	.62382	.25742
.799	7.002	1.03287	1.06998	.99406	.94046	.56434	.74584	.78165	.67370	.59540	.25628
.800	7.995	1.05015	1.08544	1.01949	.96157	.59248	.72446	.76174	.65017	.57093	.25890
	GRADIENT	.01991	.02044	.02309	.02414	.02493	-.02004	-.02090	-.02336	-.02469	-.02782

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

(RCM002) (03 OCT 91)

PARAMETRIC DATA

BETA = .000 PHI = .000

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

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
1.099	-8.010	.94377	.97629	.87572	.80609	.41757	1.21975	1.25471	1.19289	1.13912	.80251
1.100	-6.971	.96751	.99821	.90122	.83185	.44442	1.20657	1.24345	1.17811	1.12235	.77880
1.100	-5.993	.98659	1.01786	.92323	.85431	.46737	1.19186	1.23043	1.16186	1.10466	.75500
1.100	-4.996	1.00558	1.03860	.94581	.87696	.49131	1.17622	1.21644	1.14506	1.08618	.73106
1.100	-3.973	1.02554	1.06014	.96872	.90073	.51627	1.15955	1.20096	1.12646	1.06590	.70553
1.100	-2.982	1.04473	1.08039	.99085	.92388	.54090	1.14371	1.18584	1.10852	1.04669	.68170
1.100	-2.001	1.06416	1.10272	1.01377	.94721	.56573	1.12777	1.17035	1.09032	1.02658	.65756
1.100	-1.979	1.08181	1.12190	1.03511	.95943	.59124	1.11052	1.15272	1.06976	1.00446	.63193
1.100	.003	1.09761	1.13870	1.05458	.98982	.61435	1.09446	1.13601	1.05069	.98388	.60839
1.100	1.004	1.11500	1.15636	1.07484	1.01137	.63971	1.07714	1.11711	1.03011	.96228	.58356
1.099	2.015	1.13104	1.17235	1.09366	1.03104	.66355	1.05846	1.09548	1.00719	.93897	.55781
1.100	3.022	1.14795	1.18899	1.11294	1.05133	.68862	1.04082	1.07630	.98568	.91669	.53379
1.099	4.009	1.16350	1.20345	1.13001	1.06994	.71223	1.02061	1.05525	.96270	.89304	.50867
1.100	5.026	1.18018	1.21859	1.14819	1.08953	.73747	1.00147	1.03401	.94050	.87035	.48460
1.100	6.005	1.19443	1.23175	1.16398	1.10694	.76042	.98163	1.01327	.91785	.84745	.46065
1.100	7.008	1.20962	1.24530	1.18079	1.12542	.78528	.96192	.99328	.89509	.82380	.43640
1.099	8.009	1.22308	1.25695	1.19599	1.14248	.80828	.94262	.97435	.87266	.80053	.41248
	GRADIENT	.01744	.01832	.02051	.02145	.02457	-.01713	-.01789	-.02020	-.02143	-.02466

IA310 (AEDC 16TF-783) FLOW ANGULARITIES-FAIR OFF (RCMO03) (03 OCT 91)

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 1108/ 0 RN/L = 3.20 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPC01	CPU	CPC4	CPC5	CPC6	CP02
.599	-8.006	.64325	.68173	.57121	.49708	.07843	.97585	1.01050	.94455	.88691	.52186
.600	-6.993	.66885	.70583	.59905	.52558	.10742	.95874	.99512	.92537	.86573	.49427
.600	-5.996	.69472	.72969	.62592	.52298	.13560	.94235	.98007	.90642	.84499	.46661
.599	-5.004	.72075	.75530	.65398	.58153	.16370	.92676	.96625	.88908	.82570	.44078
.600	-3.995	.74471	.78066	.68129	.60946	.19315	.90599	.94687	.86664	.80159	.41206
.600	-2.997	.76786	.80467	.70712	.63525	.22083	.88675	.92919	.84566	.77895	.38435
.600	-2.004	.79149	.83055	.73449	.66310	.24949	.86869	.91190	.82520	.75668	.35697
.600	-1.000	.81355	.85489	.76020	.68981	.27912	.84964	.89209	.80252	.73202	.32841
.600	.009	.83336	.87495	.78364	.71433	.30732	.82928	.87155	.77884	.70665	.30018
.601	1.002	.85335	.89477	.80670	.73880	.33610	.80827	.84933	.75424	.68123	.27196
.601	2.001	.87371	.91462	.82899	.76151	.36345	.78679	.82510	.72976	.65578	.24325
.601	3.000	.89351	.93348	.85088	.78435	.39193	.76298	.79999	.70261	.62808	.21433
.601	4.005	.91275	.95168	.87245	.80734	.41975	.73947	.77581	.67584	.60077	.18524
.601	5.004	.92990	.96762	.89209	.82878	.44746	.71521	.75023	.64837	.57272	.15711
.601	6.008	.94712	.98326	.91112	.84987	.47510	.69039	.72561	.62092	.54494	.12863
.600	6.997	.96449	.99869	.92999	.87077	.50249	.66522	.70159	.59399	.51695	.09949
.600	8.002	.98034	1.01265	.94786	.89052	.52867	.63948	.67815	.56650	.48859	.07103
GRADIENT		.02089	.02131	.02386	.02474	.02841	-.02071	-.02147	-.02386	-.02514	-.02835

RUN NO. 1112/ 0 RN/L = 3.75 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPC01	CPU	CPC4	CPC5	CPC6	CP02
.800	-8.005	.72723	.76448	.65342	.57805	.14871	1.04632	1.08348	1.01615	.95787	.58626
.800	-6.992	.75345	.78906	.68195	.60712	.17142	1.03083	1.07027	.99931	.93875	.55967
.800	-5.995	.77609	.81173	.70737	.63304	.19835	1.01368	1.05468	.98012	.91793	.53180
.800	-4.982	.80092	.83661	.73425	.66011	.22768	.99686	1.03927	.96117	.89718	.50444
.800	-3.983	.82329	.86099	.76008	.68636	.25604	.97714	1.02135	.94005	.87446	.47501
.799	-2.996	.84467	.88340	.78474	.71217	.28360	.95862	1.00350	.91923	.85188	.44688
.800	-1.993	.86749	.90949	.81225	.74004	.31380	.94107	.98660	.89936	.82949	.41977
.800	-1.000	.88685	.93046	.83556	.76456	.34242	.92104	.96649	.87617	.80459	.39072
.800	.015	.90699	.95085	.85913	.78910	.37135	.90247	.94735	.85412	.78104	.36308
.800	1.013	.92637	.97002	.88120	.81259	.39918	.88154	.92521	.82959	.75543	.33372
.800	2.006	.94713	.99071	.90458	.83709	.42850	.86305	.90412	.80744	.73259	.30708
.799	3.004	.96438	1.00730	.92408	.85765	.45509	.83978	.87893	.78020	.70465	.27741
.800	4.010	.98311	1.02494	.94512	.87981	.48389	.81715	.85561	.75400	.67757	.24821
.800	5.003	1.00151	1.04219	.96560	.90193	.51187	.79575	.83216	.72917	.65222	.22073
.800	6.002	1.01841	1.05726	.98390	.92211	.53847	.77238	.80785	.70263	.62500	.19156
.800	7.012	1.03424	1.07139	1.00171	.94166	.56575	.74721	.78275	.67465	.59649	.16156
.800	8.000	1.04947	1.08500	1.01887	.96085	.59176	.72357	.76088	.64901	.56989	.13357
GRADIENT		.02023	.02097	.02350	.02452	.02856	-.01974	-.02032	-.02289	-.02430	-.02835

IA310 (AEDC 16TF-783) FLOW ANGULARITIES-FAIR OFF (RCM003) (03 OCT 91)

PARAMETRIC DATA

BETA = .000 PHI = .000

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

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
1.099	-7.994	.94491	.97730	.87681	.80707	.41866	1.22050	1.25545	1.19372	1.13981	.80318
1.100	-6.988	.96725	.99783	.90072	.83133	.44398	1.20703	1.24378	1.17866	1.12281	.77939
1.100	-5.988	.98703	1.01804	.92356	.85458	.46775	1.19213	1.23068	1.16230	1.10495	.75526
1.100	-4.990	1.00616	1.03916	.94622	.87742	.49160	1.17688	1.21696	1.14571	1.08661	.73139
1.100	-3.991	1.02573	1.06020	.96886	.90083	.51663	1.16007	1.20137	1.12712	1.06652	.70629
1.100	-2.980	1.04519	1.08063	.99098	.92392	.54106	1.14411	1.18610	1.10889	1.04693	.68162
1.100	-1.980	1.06439	1.10309	1.01407	.94749	.56614	1.12744	1.16984	1.08997	1.02613	.65705
1.100	-.993	1.08123	1.12126	1.03441	.96864	.59052	1.11065	1.15281	1.07003	1.00461	.63219
1.099	.021	1.09805	1.13886	1.05474	.98993	.61466	1.09424	1.13550	1.05021	.98323	.60741
1.100	.990	1.11462	1.15603	1.07431	1.01086	.63926	1.07738	1.11710	1.03020	.96245	.58363
1.100	2.010	1.13139	1.17274	1.09405	1.03140	.66385	1.05937	1.09633	1.00820	.93984	.55866
1.100	3.016	1.14776	1.18877	1.11269	1.05114	.68847	1.04087	1.07619	.98579	.91678	.53389
1.100	4.019	1.16415	1.20400	1.13067	1.07053	.71313	1.02090	1.05543	.96294	.89334	.50887
1.100	5.014	1.18010	1.21857	1.14811	1.08935	.73722	1.00191	1.03450	.94106	.87088	.48487
1.099	6.010	1.19540	1.23249	1.16499	1.10786	.76132	.98229	1.01389	.91857	.84798	.46094
1.100	7.007	1.21001	1.24561	1.18109	1.12571	.78555	.96251	.99365	.89561	.82424	.43675
1.099	8.004	1.22333	1.25720	1.19611	1.14256	.80825	.94287	.97453	.87290	.80064	.41242
	GRADIENT	.01742	.01830	.02050	.02145	.02457	-.01714	-.01791	-.02022	-.02143	-.02466

IA310 (AEDC 16TF-783) FLOW ANGULARITIES-FAIR OFF (RCM004) (03 OCT 91)

PARAMETRIC DATA

BETA = .000 PHI = .000

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

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPC01	CPU	CPC4	CPC5	CPC6	CPC02
.800	-8.006	.72768	.76438	.65388	.57822	.14114	1.04623	1.08331	1.01610	.95777	.58652
.800	-6.987	.75256	.78793	.68105	.60617	.17045	1.02996	1.06919	.99790	.93760	.55858
.800	-5.995	.77631	.81132	.70754	.63294	.19899	1.01355	1.05450	.97991	.91760	.53184
.800	-4.992	.80072	.83686	.73457	.66046	.22793	.99682	1.03968	.96169	.89773	.50495
.800	-3.994	.82275	.86007	.75964	.68597	.25588	.97721	1.02138	.93996	.87431	.47541
.800	-2.997	.84462	.88371	.78518	.71249	.28435	.95930	1.00450	.92014	.85273	.44829
.800	-1.988	.86744	.90908	.81203	.74021	.31434	.94078	.89870	.89870	.82885	.41938
.800	-.984	.88750	.93123	.83643	.76530	.34330	.92154	.87668	.87668	.80494	.39105
.800	.014	.90760	.95118	.85945	.78949	.37150	.90277	.85426	.85426	.78124	.36338
.800	1.008	.92667	.97052	.88186	.81290	.39992	.88232	.82636	.83050	.75652	.33462
.800	2.017	.94715	.99060	.90461	.83721	.42919	.86211	.80311	.80632	.73161	.30673
.800	3.016	.96460	1.00737	.92438	.85783	.45571	.83920	.77973	.77973	.70430	.27668
.800	4.004	.98354	1.02533	.94559	.88024	.48397	.81746	.75430	.75430	.67782	.24820
.800	5.003	1.00017	1.04069	.96423	.90049	.51062	.79440	.73096	.72802	.65091	.21949
.800	6.002	1.01847	1.05736	.98441	.92238	.53921	.77239	.70812	.70292	.62522	.19208
.799	7.001	1.03416	1.07142	.99177	.94177	.56539	.74752	.68335	.67500	.59687	.16159
.800	8.000	1.04995	1.08538	1.00170	.96130	.59235	.72374	.66118	.64946	.57012	.13360
	GRADIENT	.02029	.02100	.02352	.02451	.02854	-.01975	-.02036	-.02292	-.02432	-.02842

IA310 (AEDC 16TF-783) FLOW ANGULARITIES-FAIR OFF (RCM005) (03 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	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
1.250	7.989	1.29587	1.33286	1.26690	1.21067	.86773	1.01287	1.04903	.94542	.87233	.48385
1.250	6.983	1.28005	1.31961	1.25049	1.19247	.84330	1.03239	1.06881	.96820	.89614	.50808
1.249	5.992	1.26381	1.30506	1.23291	1.17326	.81858	1.05186	1.08862	.99037	.91858	.53147
1.250	4.988	1.24854	1.29146	1.21629	1.15489	.79542	1.07177	1.11043	1.01346	.94209	.55585
1.250	3.993	1.23140	1.27632	1.19768	1.13464	.77073	1.09177	1.13187	1.03642	.96533	.58057
1.250	2.981	1.21468	1.25956	1.17855	1.11464	.74705	1.11148	1.15213	1.05882	.98846	.60502
1.250	1.992	1.19706	1.24314	1.15959	1.09530	.72339	1.12970	1.17341	1.08172	1.01131	.62932
1.250	.988	1.18000	1.22654	1.14056	1.07484	.69984	1.14807	1.19394	1.10346	1.03413	.65405
1.250	-.014	1.16290	1.20923	1.12016	1.05338	.67592	1.16567	1.21221	1.12372	1.05545	.67795
1.250	-1.015	1.14622	1.19107	1.09960	1.03185	.65247	1.18462	1.23135	1.14478	1.07736	.70278
1.250	-2.013	1.12753	1.17141	1.07789	1.00949	.62785	1.20072	1.24803	1.16439	1.09836	.72584
1.250	-3.008	1.10878	1.14956	1.05597	.98740	.60407	1.21696	1.26405	1.18357	1.11909	.74958
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA310 (AEDC 16TF-783) FLOW ANGULARITIES-FAIR OFF (RCM006) (03 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	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
.599	-3.996	.80632	.84641	.76238	.69759	.29723	.79786	.84082	.75448	.68645	.28415
.600	-2.990	.81999	.85983	.77288	.70616	.30390	.81109	.85325	.76436	.69446	.29025
.599	-1.995	.83018	.87017	.78096	.71312	.30762	.82089	.86287	.77208	.70050	.29406
.600	-.996	.83433	.87513	.78411	.71576	.31002	.82556	.86765	.77551	.70366	.29726
.600	.010	.83521	.87739	.78638	.71760	.31158	.82643	.86922	.77669	.70492	.29853
.600	1.007	.83255	.87558	.78470	.71584	.31031	.82527	.86831	.77615	.70477	.29804
.600	1.997	.82413	.86791	.77847	.71023	.30719	.81694	.86071	.76994	.69986	.29457
.601	2.992	.81278	.85779	.77016	.70233	.30299	.80648	.85137	.76212	.69407	.29075
.601	3.989	.79791	.84376	.75890	.69146	.29693	.79037	.83702	.75069	.68447	.28456
	GRADIENT	-.00115	-.00034	-.00044	-.00069	-.00007	-.00086	-.00040	-.00042	-.00015	.00009

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

(RCM006) (03 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	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
1.250	-3.987	1.14713	1.18975	1.10721	1.04368	.67170	1.14221	1.18754	1.10380	1.03810	.66333
1.250	-2.967	1.15724	1.20037	1.11531	1.05067	.67627	1.15188	1.19756	1.11154	1.04424	.66797
1.250	-1.988	1.16282	1.20681	1.12009	1.05477	.67922	1.15707	1.20342	1.11600	1.04771	.67075
1.250	-.984	1.16654	1.21143	1.12355	1.05749	.68147	1.16084	1.20785	1.11943	1.05091	.67322
1.250	.02	1.16703	1.21287	1.12471	1.05837	.68222	1.16239	1.20997	1.12096	1.05237	.67398
1.250	1.007	1.16398	1.21109	1.12302	1.05667	.68099	1.16050	1.20795	1.11898	1.05061	.67262
1.250	2.002	1.15935	1.20687	1.11979	1.05402	.67928	1.15617	1.20360	1.11572	1.04830	.67096
1.250	3.003	1.15148	1.19888	1.11352	1.04825	.67606	1.14764	1.19538	1.10933	1.04362	.66772
	GRADIENT	.00054	.00133	.00092	.00066	.00062	.00085	.00121	.00084	.00083	.00062

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

(RCM007) (03 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	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
.599	4.032	.79678	.84228	.75545	.68694	.28752	.80070	.84757	.76128	.69491	.29465
.600	3.022	.80984	.85374	.76463	.69651	.29389	.81431	.85912	.77051	.70243	.30011
.600	1.999	.81957	.86243	.77163	.70286	.29783	.82555	.86898	.77875	.70882	.30467
.600	-1.003	.82463	.86726	.77543	.70620	.29997	.83152	.87413	.78265	.71157	.30631
.600	-.010	.82763	.86964	.77777	.70862	.30163	.83426	.87661	.78488	.71339	.30747
.600	-1.008	.82584	.86690	.77539	.70659	.30007	.83136	.87360	.78282	.71137	.30636
.601	-2.016	.82034	.86013	.77074	.70279	.29743	.82455	.86701	.77791	.70729	.30387
.601	-3.016	.81115	.85074	.76334	.69620	.29317	.81413	.85697	.76967	.70090	.29906
.601	-4.033	.79691	.83662	.75278	.68777	.28672	.79936	.84255	.75812	.69108	.29248
	GRADIENT	-.00012	.00060	.00027	-.00005	.00010	.00013	.00051	.00027	.00038	.00022

RUN NO. 1114/ 0 RN/L = 3.75 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
.800	4.024	.87487	.92133	.83431	.76569	.35391	.87633	.92437	.83738	.76966	.35708
.800	3.019	.88730	.93248	.84344	.77422	.35940	.88976	.93646	.84733	.77748	.36298
.800	1.997	.89588	.94113	.85006	.78026	.36362	.89977	.94569	.85442	.78293	.36675
.800	1.001	.90020	.94518	.85320	.78321	.36544	.90502	.95038	.85799	.78565	.36847
.800	-.016	.90257	.94672	.85464	.78485	.36552	.90702	.95225	.85978	.78711	.36966
.800	-1.009	.90119	.94461	.85294	.78333	.36504	.90469	.94979	.85799	.78528	.36843
.799	-2.016	.89744	.93933	.84943	.78045	.36272	.89898	.94403	.85386	.78154	.36594
.800	-3.022	.88794	.92825	.84098	.77346	.35833	.88843	.93262	.84501	.77421	.36135
.800	-4.020	.87688	.91744	.83296	.76704	.35361	.87737	.92177	.83627	.76746	.35639
	GRADIENT	-.00024	.00053	.00023	-.00006	.00011	.00002	.00042	.00020	.00036	.00015

IA310 (AEDC 16TF-783) FLOW ANGULARITIES-FAIR OFF (RCMO08) (03 OCT 91)

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 1123/ O		RN/L = 3.89		GRADIENT INTERVAL = -5.00/ 5.00		BETA = .000		PHI = .000			
MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
.920	.010	.97263	1.01630	.92647	.85803	.45057	.96778	1.01277	.92176	.85030	.44254
.920	-4.029	.89300	.93020	.83157	.75973	.34012	1.04111	1.08493	1.00571	.94151	.55147
	GRADIENT	.01971	.02132	.02349	.02433	.02734	-.01815	-.01786	-.02078	-.02258	-.02697

RUN NO. 1128/ O		RN/L = 3.88		GRADIENT INTERVAL = -5.00/ 5.00		BETA = .000		PHI = .000			
MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
.950	.010	.99174	1.03484	.94603	.87860	.47618	.98716	1.03150	.94157	.87115	.46869
.949	-4.031	.91263	.94943	.85219	.78121	.36731	1.05826	1.10188	1.02351	.96010	.57500
	GRADIENT	.01958	.02114	.02322	.02410	.02694	-.01760	-.01742	-.02028	-.02201	-.02631

RUN NO. 1134/ O		RN/L = 3.86		GRADIENT INTERVAL = -5.00/ 5.00		BETA = .000		PHI = .000			
MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
.980	.008	1.01228	1.05543	.96650	.89947	.50213	1.00831	1.05220	.96328	.89348	.49563
.980	-4.035	.93506	.97181	.87440	.80395	.39591	1.07868	1.12187	1.04427	.98158	.60086
	GRADIENT	.01910	.02068	.02278	.02363	.02628	-.01741	-.01724	-.02004	-.02179	-.02603

RUN NO. 1139/ O		RN/L = 3.77		GRADIENT INTERVAL = -5.00/ 5.00		BETA = .000		PHI = .000			
MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
1.050	.029	1.06195	1.10374	1.01832	.95229	.56777	1.05674	1.09961	1.01299	.94431	.55923
1.050	-4.030	.98702	1.02250	.92906	.85970	.46473	1.12528	1.16747	1.09193	1.03009	.66153
	GRADIENT	.01846	.02002	.02199	.02281	.02539	-.01689	-.01672	-.01945	-.02113	-.02520

RUN NO. 1154/ O		RN/L = 3.00		GRADIENT INTERVAL = -5.00/ 5.00		BETA = .000		PHI = .000			
MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
1.150	.012	1.12472	1.16674	1.08200	1.01681	.64089	1.12112	1.16365	1.07751	1.01029	.63389
1.150	-4.038	1.05190	1.08729	.99521	.92666	.54285	1.18806	1.23010	1.15494	1.09359	.73227
	GRADIENT	.01798	.01961	.02142	.02226	.02420	-.01653	-.01640	-.01912	-.02057	-.02429

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

(RCMO10) (03 OCT 91)

PARAMETRIC DATA

ALPHA = .000 PHI = 90.000

		RUN NO. 1125/ 0		RN/L = 3.88		GRADIENT INTERVAL = -5.00/ 5.00		CPU		CPC4		CPC5		CPC6		CPO2	
MACH	BETA	CPB	CPC1	CPC2	CPC3	CPC01	CPC01	CPC01	CPC4	CPC4	CPC5	CPC6	CPC6	CPC6	CPC6	CPO2	CPO2
.920	1.990	.96476	1.01046	.92220	.85406	.44934	.95964	1.00526	.91589	.84559	.43840	.91589	.84559	.43840	.91589	.84559	.43840
.920	-2.017	.96920	1.01115	.92315	.85776	.44943	.96137	1.00565	.91657	.84534	.43839	.91657	.84534	.43839	.91657	.84534	.43839
	GRADIENT	-.00111	-.00017	-.00024	-.00043	-.00002	-.00043	-.00010	-.00017	.00006	.00000	-.00017	.00006	.00000	-.00017	.00006	.00000

		RUN NO. 1130/ 0		RN/L = 3.88		GRADIENT INTERVAL = -5.00/ 5.00		CPU		CPC4		CPC5		CPC6		CPO2	
MACH	BETA	CPB	CPC1	CPC2	CPC3	CPC01	CPC01	CPC01	CPC4	CPC4	CPC5	CPC6	CPC6	CPC6	CPC6	CPO2	CPO2
.950	1.943	.98430	1.02943	.94207	.87490	.47533	.97953	1.02457	.93615	.86682	.46497	.93615	.86682	.46497	.93615	.86682	.46497
.950	-2.024	.98764	1.02906	.94213	.87570	.47464	.97995	1.02368	.93568	.86546	.46380	.93568	.86546	.46380	.93568	.86546	.46380
	GRADIENT	-.00084	.00009	-.00002	-.00020	-.00017	-.00011	.00022	-.00012	.00034	.00029	-.00012	.00034	.00029	-.00012	.00034	.00029

		RUN NO. 1136/ 0		RN/L = 3.86		GRADIENT INTERVAL = -5.00/ 5.00		CPU		CPC4		CPC5		CPC6		CPO2	
MACH	BETA	CPB	CPC1	CPC2	CPC3	CPC01	CPC01	CPC01	CPC4	CPC4	CPC5	CPC6	CPC6	CPC6	CPC6	CPO2	CPO2
.980	1.988	1.00505	1.04995	.96229	.89558	.50137	1.00039	1.04501	.95740	.88871	.49160	.95740	.88871	.49160	.95740	.88871	.49160
.980	-2.024	1.00877	1.05017	.96285	.89692	.50137	1.00141	1.04475	.95753	.88800	.49132	.95753	.88800	.49132	.95753	.88800	.49132
	GRADIENT	-.00093	-.00006	-.00014	-.00034	-.00000	-.00025	.00006	-.00003	.00018	.00007	-.00003	.00018	.00007	-.00003	.00018	.00007

		RUN NO. 1141/ 0		RN/L = 3.77		GRADIENT INTERVAL = -5.00/ 5.00		CPU		CPC4		CPC5		CPC6		CPO2	
MACH	BETA	CPB	CPC1	CPC2	CPC3	CPC01	CPC01	CPC01	CPC4	CPC4	CPC5	CPC6	CPC6	CPC6	CPC6	CPO2	CPO2
1.050	1.989	1.05397	1.09771	1.01363	.94800	.56616	1.04997	1.09345	1.00827	.94064	.55646	1.00827	.94064	.55646	1.00827	.94064	.55646
1.050	-2.021	1.05758	1.09797	1.01423	.94917	.56602	1.05098	1.09343	1.00862	.94015	.55606	1.00862	.94015	.55606	1.00862	.94015	.55606
	GRADIENT	-.00090	-.00006	-.00015	-.00029	.00004	-.00025	.00000	-.00009	.00012	.00010	-.00009	.00012	.00010	-.00009	.00012	.00010

		RUN NO. 1156/ 0		RN/L = 3.00		GRADIENT INTERVAL = -5.00/ 5.00		CPU		CPC4		CPC5		CPC6		CPO2		
MACH	BETA	CPB	CPC1	CPC2	CPC3	CPC01	CPC01	CPC01	CPC4	CPC4	CPC5	CPC6	CPC6	CPC6	CPC6	CPO2	CPO2	
1.150	1.992	1.11681	1.16027	1.07676	1.01208	.63880	1.11387	1.15684	1.07219	1.00611	.63076	1.07219	1.00611	.63076	1.07219	1.00611	.63076	
1.150	-2.018	1.12149	1.16150	1.07836	1.01399	.63917	1.11603	1.15804	1.07354	1.00645	.63087	1.07354	1.00645	.63087	1.07354	1.00645	.63087	
	GRADIENT	-.00117	-.00031	-.00040	-.00048	-.00009	-.00054	-.00030	-.00033	-.00009	-.00003	-.00009	-.00003	-.00009	-.00003	-.00009	-.00003	-.00003

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

(RCM011) (03 OCT 91)

PARAMETRIC DATA

ALPHA = .000 PHI = -90.000

RUN NO. 1126/ 0		RN/L = 3.88		GRADIENT INTERVAL = -5.00/ 5.00		CPU		CPC4		CPC5		CPC6		CPC2	
MACH	BETA	CPB	CPC1	CPC2	CPC3	CPC1	CPC4	CPC4	CPC4	CPC5	CPC6	CPC6	CPC6	CPC2	
.920	-2.004	.96344	1.00508	.91673	.84920	.44183	.96484	1.00936	.92135	.85056	.44521				
.920	2.037	.96141	1.00664	.91725	.84879	.44248	.96548	1.01108	.92203	.85187	.44580				
	GRADIENT	-.00050	.00038	.00013	-.00010	.00016	.00016	.00043	.00017	.00032	.00015				

RUN NO. 1131/ 0		RN/L = 3.88		GRADIENT INTERVAL = -5.00/ 5.00		CPU		CPC4		CPC5		CPC6		CPC2	
MACH	BETA	CPB	CPC1	CPC2	CPC3	CPC1	CPC4	CPC4	CPC4	CPC5	CPC6	CPC6	CPC6	CPC2	
.950	-2.001	.98262	1.02386	.93668	.86981	.46773	.98401	1.02800	.94094	.87114	.47112				
.950	2.043	.98080	1.02569	.93755	.86981	.46882	.98483	1.03005	.94197	.87275	.47203				
	GRADIENT	-.00045	.00045	.00021	.00000	.00027	.00020	.00051	.00025	.00040	.00022				

RUN NO. 1137/ 0		RN/L = 3.86		GRADIENT INTERVAL = -5.00/ 5.00		CPU		CPC4		CPC5		CPC6		CPC2	
MACH	BETA	CPB	CPC1	CPC2	CPC3	CPC1	CPC4	CPC4	CPC4	CPC5	CPC6	CPC6	CPC6	CPC2	
.980	-2.002	1.00420	1.04511	.95735	.89122	.49479	1.00501	1.04850	.96233	.89318	.49800				
.980	2.039	1.00220	1.04669	.95798	.89096	.49545	1.00578	1.05028	.96312	.89469	.49866				
	GRADIENT	-.00050	.00039	.00016	-.00006	.00016	.00019	.00044	.00020	.00037	.00017				

RUN NO. 1142/ 0		RN/L = 3.77		GRADIENT INTERVAL = -5.00/ 5.00		CPU		CPC4		CPC5		CPC6		CPC2	
MACH	BETA	CPB	CPC1	CPC2	CPC3	CPC1	CPC4	CPC4	CPC4	CPC5	CPC6	CPC6	CPC6	CPC2	
1.050	-2.002	1.05281	1.09306	1.00907	.94396	.55987	1.05341	1.09604	1.01200	.94386	.56121				
1.050	2.037	1.05109	1.09459	1.00985	.94403	.56081	1.05428	1.09784	1.01296	.94547	.56231				
	GRADIENT	-.00043	.00038	.00019	.00002	.00023	.00022	.00045	.00024	.00040	.00027				

RUN NO. 1157/ 0		RN/L = 3.00		GRADIENT INTERVAL = -5.00/ 5.00		CPU		CPC4		CPC5		CPC6		CPC2	
MACH	BETA	CPB	CPC1	CPC2	CPC3	CPC1	CPC4	CPC4	CPC4	CPC5	CPC6	CPC6	CPC6	CPC2	
1.150	-2.009	1.11672	1.15628	1.07309	1.00869	.63360	1.11712	1.15941	1.07572	1.00920	.63524				
1.150	2.023	1.11560	1.15867	1.07450	1.00941	.63484	1.11859	1.16185	1.07733	1.01138	.63668				
	GRADIENT	-.00028	.00059	.00035	.00018	.00031	.00037	.00061	.00040	.00054	.00036				

IA310 (AEDC 16TF-783) FLOW ANGULARITIES-FAIR OFF (RCM012) (03 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	CPCB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
.950	-2.000	.98339	1.02471	.93749	.87058	.46857	.98469	1.02882	.94171	.87185	.47177
.950	2.038	.98111	1.02585	.93768	.86996	.46885	.98535	1.03044	.94235	.87312	.47242
	GRADIENT	-.00056	.00028	.00005	-.00015	.00007	.00016	.00040	.00016	.00032	.00016

IA310 (AEDC 16TF-783) FLOW ANGULARITIES-FAIR OFF (RCM013) (03 OCT 91)

PARAMETRIC DATA

BETA = .000 PHI = .000

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

MACH	ALPHA	CPCB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
.899	-8.002	.79129	.82622	.71652	.64223	.21358	1.09535	1.13185	1.06522	1.00851	.64112
.900	-6.995	.81535	.84831	.74278	.66896	.24210	1.07991	1.11821	1.04811	.98949	.61481
.900	-5.993	.83739	.87084	.76783	.69504	.26897	1.06380	1.10406	1.03056	.96992	.58894
.900	-4.991	.85919	.89367	.79309	.72083	.29593	1.04742	1.08935	1.01242	.94986	.56292
.900	-3.993	.88073	.91693	.81803	.74634	.32338	1.02938	1.07234	.99253	.92809	.53522
.900	-2.991	.90235	.93926	.84291	.77169	.35139	1.01205	1.05601	.97279	.90702	.50928
.900	-1.995	.92328	.96312	.86777	.79707	.37898	.99358	1.03811	.95203	.88489	.48167
.900	-.992	.94304	.98577	.89165	.82169	.40689	.97612	1.02024	.93069	.86205	.45464
.900	.021	.96081	1.00458	.91373	.84532	.43427	.95791	1.00101	.90860	.83860	.42728
.900	1.007	.97886	1.02309	.93479	.86716	.46105	.93864	.97932	.88560	.81427	.39923
.900	2.009	.99812	1.04133	.95622	.88928	.48883	.91860	.95657	.86209	.79015	.37166
.900	3.012	1.01634	1.05902	.97714	.91105	.51606	.89831	.93453	.83815	.76538	.34459
.900	4.010	1.03430	1.07605	.99729	.93287	.54362	.87689	.91194	.81273	.73966	.31657
.900	5.008	1.05088	1.09164	1.01604	.95340	.56940	.85499	.88854	.78733	.71393	.28917
.899	6.007	1.06783	1.10732	1.03428	.97380	.59572	.83340	.86606	.76269	.68838	.26176
.900	7.006	1.08369	1.12131	1.05179	.99317	.62205	.81130	.84366	.73725	.66210	.23429
.900	7.999	1.09839	1.13442	1.06845	1.01185	.64705	.78963	.82322	.71238	.63619	.20720
	GRADIENT	.01932	.02027	.02267	.02353	.02750	-.01880	-.01971	-.02213	-.02333	-.02735

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

(RCMO13) (03 OCT 91)

PARAMETRIC DATA

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
1.249	-7.994	1.01332	1.04951	.94593	.87497	.48629	1.29439	1.33205	1.26593	1.20954	.86480
1.249	-6.987	1.03333	1.06855	.96873	.89817	.51046	1.27817	1.31833	1.24928	1.19131	.84021
1.250	-5.992	1.05341	1.08872	.99135	.92130	.53453	1.26292	1.30511	1.23305	1.17301	.81631
1.249	-4.992	1.07250	1.10969	1.01382	.94391	.55834	1.24701	1.29120	1.21575	1.15405	.79240
1.250	-3.996	1.09280	1.13148	1.03682	.96747	.58314	1.23015	1.27584	1.19676	1.13357	.76768
1.250	-2.995	1.11328	1.15376	1.06036	.99151	.60821	1.21419	1.26029	1.17894	1.11449	.74497
1.250	-1.995	1.13149	1.17543	1.08285	1.01421	.63197	1.19637	1.24310	1.15898	1.09337	.72040
1.250	-.991	1.14963	1.19491	1.10435	1.03701	.65717	1.17927	1.22618	1.13952	1.07247	.69656
1.250	.024	1.16701	1.21233	1.12475	1.05841	.68115	1.16262	1.20921	1.11954	1.05087	.67278
1.250	1.010	1.18426	1.23007	1.14418	1.07857	.70429	1.14505	1.18942	1.09786	1.02843	.64829
1.250	2.004	1.20087	1.24701	1.16387	1.09857	.72787	1.12653	1.16780	1.07592	1.00590	.62414
1.250	3.014	1.21766	1.26303	1.18339	1.11924	.75172	1.10740	1.14707	1.05364	.98334	.60029
1.250	4.011	1.23446	1.27866	1.20187	1.13928	.77599	1.08739	1.12636	1.03093	.96015	.57542
1.250	5.023	1.25130	1.29338	1.21948	1.15857	.79996	1.06818	1.10580	1.00857	.93716	.55119
1.249	6.004	1.26924	1.30864	1.23642	1.17689	.82365	1.04931	1.08549	.98600	.91442	.52759
1.249	7.008	1.28375	1.32309	1.25430	1.19551	.84761	1.02898	1.06446	.96268	.89028	.50303
1.249	8.005	1.29889	1.33593	1.27134	1.21508	.87195	1.01016	1.04646	.94115	.86795	.48007
	GRADIENT	.01784	.01871	.02084	.02162	.02409	-.01759	-.01832	-.02049	-.02154	-.02404

BETA =

RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

.000 PHI =

.000

RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
1.400	-8.002	1.02154	1.07451	.96338	.88987	.49874	1.33399	1.38611	1.31066	1.24829	.88710
1.400	-6.991	1.04272	1.09542	.98760	.91422	.52228	1.31584	1.37070	1.29093	1.22654	.86147
1.400	-5.996	1.06223	1.11799	1.01135	.93789	.54535	1.29639	1.35325	1.27080	1.20559	.83656
1.400	-5.000	1.08265	1.14058	1.03538	.96154	.56868	1.27659	1.33638	1.25177	1.18503	.81173
1.400	-3.994	1.10316	1.16269	1.05940	.98623	.59385	1.25596	1.31956	1.23151	1.16355	.78615
1.400	-2.994	1.12461	1.18522	1.08291	1.01089	.61833	1.23732	1.30198	1.21079	1.14220	.76106
1.400	-1.993	1.14410	1.20857	1.10669	1.03474	.64293	1.21660	1.28303	1.18980	1.11974	.73546
1.400	-.995	1.16331	1.22976	1.12967	1.05834	.66805	1.19686	1.26499	1.16838	1.09635	.71021
1.400	.024	1.18314	1.24962	1.15173	1.08088	.69319	1.17827	1.24550	1.14622	1.07284	.68534
1.400	1.005	1.20183	1.26911	1.17335	1.10302	.71781	1.15950	1.23398	1.12362	1.05041	.66094
1.400	2.006	1.21996	1.28743	1.19476	1.12546	.74314	1.13889	1.22074	1.10036	1.02689	.63632
1.400	3.021	1.23989	1.30433	1.21523	1.14720	.76859	1.11843	1.17847	1.07611	1.00232	.61200
1.400	4.018	1.26161	1.32332	1.23607	1.16894	.79467	1.09736	1.15672	1.05254	.97789	.58772
1.400	5.009	1.28017	1.34004	1.25537	1.18874	.81892	1.07649	1.13419	1.02919	.95472	.56415
1.400	6.017	1.30003	1.35640	1.27523	1.20989	.84431	1.05714	1.11199	1.00572	.93083	.54044
1.400	7.009	1.31847	1.37131	1.29295	1.22984	.86850	1.03663	1.09014	.98113	.90615	.51688
1.399	8.011	1.33660	1.38670	1.31154	1.24993	.89309	1.01763	1.07031	.95798	.88272	.49465
	GRADIENT	.01947	.01992	.02202	.02273	.02503	-.01970	-.02043	-.02236	-.02320	-.02477

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

(RCMO13) (03 OCT 91)

PARAMETRIC DATA

BETA = .000 PHI = .000

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

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
1.450	-8.005	1.00111	1.07174	.96163	.89042	.50772	1.32678	1.38615	1.30889	1.24708	.89126
1.449	-7.000	1.01999	1.09245	.98496	.91351	.52841	1.30344	1.36840	1.28926	1.22644	.86497
1.449	-6.005	1.04026	1.11497	1.00853	.93681	.55022	1.28243	1.35426	1.27095	1.20607	.83986
1.450	-5.000	1.06039	1.13745	1.03191	.96014	.57335	1.26411	1.33820	1.25146	1.18611	.81501
1.450	-3.999	1.08124	1.16044	1.05625	.98471	.59790	1.24148	1.32011	1.23274	1.16588	.78854
1.450	-3.000	1.09997	1.18167	1.07892	1.00728	.62094	1.21939	1.30352	1.21289	1.14440	.76218
1.450	-2.006	1.12274	1.20736	1.10418	1.03220	.64613	1.20153	1.28841	1.19374	1.12332	.73670
1.450	-1.002	1.14587	1.23322	1.13011	1.05807	.67269	1.18207	1.27159	1.17296	1.10033	.71192
1.451	.003	1.16700	1.25432	1.15364	1.08229	.69780	1.16237	1.25362	1.15002	1.07553	.68776
1.450	1.006	1.18901	1.27531	1.17577	1.10524	.72218	1.14198	1.22767	1.12427	1.05020	.66179
1.450	2.001	1.20592	1.29457	1.20011	1.12921	.74761	1.11953	1.20342	1.10134	1.02715	.63723
1.451	2.996	1.22737	1.30994	1.21994	1.15147	.77259	1.09906	1.18116	1.07711	1.00277	.61278
1.449	4.002	1.25044	1.32743	1.23816	1.17077	.79721	1.07681	1.15672	1.05015	.97601	.58620
1.451	4.994	1.27101	1.34694	1.25980	1.19286	.82407	1.05685	1.13538	1.02806	.95376	.56347
1.450	6.001	1.29131	1.36081	1.27894	1.21388	.84867	1.03655	1.11190	1.00359	.92901	.53882
1.450	6.988	1.31341	1.37642	1.29663	1.23372	.87361	1.01733	1.08940	.97938	.90503	.51624
1.449	7.995	1.33366	1.39212	1.31534	1.25259	.89787	.99878	1.06835	.95509	.88131	.49593
	GRADIENT	.02111	.02107	.02298	.02347	.02508	-.02055	-.02045	-.02262	-.02354	-.02513

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

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
1.474	-8.000	.96426	1.06512	.95317	.88134	.49764	1.31004	1.39009	1.30948	1.24591	.88448
1.473	-6.979	.98009	1.08765	.97725	.90500	.51898	1.28307	1.37089	1.28742	1.22253	.85677
1.474	-5.995	.99603	1.11091	1.00124	.92894	.54148	1.25592	1.35328	1.26774	1.20123	.83150
1.474	-4.994	1.01211	1.13191	1.02377	.95159	.56352	1.22776	1.33528	1.24615	1.17832	.80558
1.474	-3.994	1.03460	1.15527	1.04880	.97654	.58802	1.20371	1.31586	1.22301	1.15529	.77985
1.474	-2.994	1.05619	1.17884	1.07372	1.00141	.61221	1.17979	1.29473	1.20185	1.13409	.75461
1.473	-1.979	1.07446	1.20097	1.09765	1.02596	.63746	1.15409	1.27732	1.18200	1.11218	.72912
1.473	-.991	1.09512	1.22182	1.11908	1.04876	.66238	1.13304	1.25951	1.16095	1.08917	.70322
1.473	.014	1.11465	1.24324	1.14153	1.07085	.68714	1.1024	1.24072	1.13929	1.06680	.67780
1.473	1.011	1.13747	1.26352	1.16461	1.09395	.71666	1.09034	1.22038	1.11711	1.04397	.65275
1.474	2.005	1.16154	1.28241	1.18672	1.11684	.73122	1.07191	1.19787	1.09392	1.02005	.62772
1.474	3.010	1.18858	1.30263	1.20851	1.13956	.76168	1.05522	1.17434	1.06990	.99636	.60373
1.474	4.022	1.21427	1.32317	1.23146	1.16295	.78788	1.03636	1.15231	1.04552	.97158	.57874
1.473	5.008	1.24120	1.33985	1.25173	1.18463	.81289	1.01816	1.13161	1.02260	.94801	.55622
1.473	6.004	1.26777	1.35842	1.27257	1.20557	.83811	1.00106	1.10987	.99891	.92401	.53388
1.473	7.012	1.29487	1.37637	1.29314	1.22737	.86393	.98542	1.08687	.97414	.89875	.51180
1.473	8.008	1.31871	1.39358	1.31293	1.24853	.88887	.96909	1.06404	.94981	.87472	.49053
	GRADIENT	.02200	.02099	.02286	.02329	.02484	-.02129	-.02007	-.02200	-.02283	-.02521

(RCMO13) (03 OCT 91)

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

PARAMETRIC DATA

BETA = .000 PHI = .000

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

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
1.495	-7.999	.93339	1.06805	.95458	.88316	.50422	1.29029	1.39226	1.31307	1.25004	.89155
1.495	-6.988	.94111	1.09319	.97931	.90731	.52588	1.25581	1.37564	1.29285	1.22782	.86498
1.495	-5.993	.95014	1.11669	1.00363	.93122	.54723	1.22219	1.35917	1.27187	1.20655	.83962
1.495	-4.993	.96015	1.13757	1.02646	.95426	.56872	1.18790	1.33932	1.25035	1.18478	.81340
1.495	-3.987	.97042	1.15932	1.05144	.97998	.59316	1.15087	1.32330	1.23076	1.16351	.78811
1.495	-2.993	.97925	1.18188	1.07563	1.00452	.61664	1.11481	1.30426	1.21005	1.14067	.76223
1.495	-1.994	.99696	1.20841	1.10102	1.02935	.64158	1.08636	1.28639	1.18852	1.11792	.73671
1.495	-.998	1.01563	1.23132	1.12456	1.05319	.66662	1.05737	1.26630	1.16576	1.09450	.71043
1.495	.015	1.03783	1.25053	1.14697	1.07650	.69141	1.03285	1.24709	1.14326	1.07166	.68487
1.496	1.008	1.06635	1.26944	1.16920	1.09962	.71656	1.01525	1.22673	1.12172	1.04920	.65987
1.495	2.005	1.10205	1.28953	1.19227	1.12316	.74211	1.00628	1.20443	1.09991	1.02639	.63498
1.495	3.010	1.13536	1.30769	1.21309	1.14460	.76673	.99553	1.18053	1.07461	1.00147	.60992
1.495	4.011	1.16979	1.32809	1.23484	1.16649	.79257	.98288	1.15790	1.04876	.97571	.58495
1.495	5.007	1.20485	1.34663	1.25697	1.18919	.81768	.97232	1.13781	1.02611	.95224	.56280
1.495	6.015	1.24221	1.36452	1.27860	1.21227	.84359	.96442	1.11672	1.00297	.92872	.54129
1.496	7.007	1.27695	1.38370	1.30001	1.23462	.87030	.95687	1.09402	.97973	.90528	.52090
1.496	8.008	1.30657	1.39974	1.31939	1.25518	.89533	.94884	1.07009	.95542	.88153	.49883
GRADIENT		.02355	.02117	.02313	.02357	.02488	-.02250	-.02013	-.02231	-.02312	-.02542

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

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
1.520	-7.999	.69201	1.07337	.95235	.88105	.50134	1.12774	1.39048	1.30962	1.24643	.88849
1.520	-6.993	.66584	1.09812	.97610	.90444	.52691	1.04166	1.37367	1.28938	1.22457	.86230
1.520	-5.993	.67183	1.11776	.99779	.92614	.54637	.97410	1.35515	1.26663	1.20101	.83529
1.520	-4.999	.69135	1.13652	1.02118	.94998	.56769	.93021	1.33850	1.24659	1.18034	.81087
1.520	-3.982	.72099	1.15310	1.04456	.97465	.58990	.89542	1.32081	1.22575	1.15775	.78392
1.520	-2.994	.77367	1.16285	1.06661	.99808	.61199	.88453	1.30979	1.20578	1.13586	.75821
1.520	-1.995	.92238	1.15450	1.09434	1.02496	.63650	.97610	1.32060	1.18755	1.11416	.73265
1.520	-.986	.96640	1.19621	1.12565	1.05146	.66160	.99025	1.28798	1.16696	1.09098	.70672
1.520	.014	.98773	1.25600	1.15188	1.07625	.68719	.98402	1.23071	1.14512	1.06844	.68272
1.520	1.011	.98913	1.30635	1.17236	1.09851	.71158	.95799	1.17760	1.11640	1.04247	.65550
1.520	3.005	.88913	1.30223	1.19017	1.11984	.73632	.83127	1.17572	1.08572	1.01472	.63067
1.520	4.006	.91815	1.32670	1.21313	1.14442	.76312	.75300	1.16951	1.06376	.99210	.60730
1.520	5.018	.95690	1.34107	1.23356	1.16653	.78945	.72151	1.15150	1.03954	.96781	.58299
1.520	6.004	1.02611	1.35963	1.25188	1.18544	.81356	.69411	1.13222	1.01579	.94362	.55911
1.520	7.006	1.09803	1.37771	1.27424	1.20923	.84132	.69870	1.11592	.99674	.93991	.53991
1.520	8.008	1.16643	1.40021	1.29343	1.22935	.86696	.71850	1.09367	.97305	.90008	.51681
GRADIENT		.02482	.02442	.02496	.025296	.02474	-.01939	-.02363	-.02323	-.02373	-.02532

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

(RCMO13) (03 OCT 91)

PARAMETRIC DATA

MACH	ALPHA	CPB	RUN NO.	1251/ O	RN/L =	2.50	GRADIENT INTERVAL =	-5.00/	5.00	BETA =	.000	PHI =	.000	CPC5	CPC6	CPC2
1.543	-8.002	.59114	1.06905	CPC1	CPC2	CPC3	CPC1	CPU	CPC4	CPC5	CPC6	CPC2				
1.543	-7.003	.61296	1.08725	.93962	.86856	.89144	.49608	.97300	1.37684	1.29623	1.23446	.87809				
1.544	-5.992	.64194	1.09746	.96193	.91453	.93538	.51770	.93984	1.35973	1.27692	1.21392	.85287				
1.544	-4.982	.68154	1.09495	.98287	.95818	.98991	.53860	.91613	1.34602	1.25774	1.19196	.82685				
1.544	-3.992	.77434	1.05679	1.00107	.95851	.98991	.58119	.90191	1.33437	1.23508	1.16746	.80050				
1.544	-2.993	.84214	1.05789	1.01923	.98991	.98991	.58119	.93492	1.34435	1.21532	1.14587	.77452				
1.544	-1.988	.88896	1.06553	1.08978	.98991	.98991	.63088	.95349	1.36533	1.19822	1.12477	.75028				
1.544	-.990	.92133	1.09626	1.12364	.98991	.98991	.65534	.95557	1.33557	1.18033	1.10251	.72496				
1.544	.015	.94004	1.16773	1.14949	1.06869	1.06869	.68044	.94863	1.22212	1.16134	1.07998	.69916				
1.543	2.011	.94793	1.27767	1.16833	1.08996	1.08996	.68044	.93556	1.13028	1.14047	1.05907	.67515				
1.543	3.010	.94691	1.35426	1.18491	1.11072	1.11072	.70508	.91258	1.07895	1.11095	1.03492	.65062				
1.543	4.006	.89451	1.32775	1.20217	1.13167	1.13167	.75577	.82573	1.05952	1.07687	1.00818	.62610				
1.543	5.012	.89872	1.33182	1.21922	1.15292	1.15292	.78139	.82573	1.05055	1.04260	.97963	.60289				
1.543	6.009	.92453	1.34668	1.25928	1.19528	1.19528	.80687	.72487	1.08461	1.01704	.95184	.57856				
1.544	7.005	.95012	1.36596	1.28148	1.21713	1.21713	.83251	.66871	1.10218	.99964	.92984	.55610				
1.543	8.012	.99197	1.38173	1.30304	1.24005	1.24005	.88413	.64189	1.09920	.97944	.90813	.53378				
	GRADIENT	.02302	.03866	.02521	.02432	.02432	.02485	.59625	1.06629	.93651	.86445	.50976				
								-.01754	-.04061	-.02430	-.02371	-.02466				

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

(RCMO14) (03 OCT 91)

PARAMETRIC DATA

BETA = .000 PHI = .000

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

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPO1	GPU	CPC4	CPC5	CPC6	CPO2
.899	-8.003	.79211	.82692	.71701	.64271	.21535	1.09521	1.13177	1.06538	1.00851	.64199
.900	-6.980	.81549	.84888	.74314	.66957	.24400	1.07962	1.11791	1.04766	.98908	.61553
.900	-5.993	.83751	.87046	.76769	.69508	.27024	1.06345	1.10366	1.03012	.96966	.58962
.900	-4.992	.85908	.89338	.79289	.72074	.29714	1.04698	1.08879	1.01189	.94970	.56375
.900	-3.988	.88882	.92385	.82470	.75290	.33025	1.03734	1.07894	.99905	.93455	.54190
.900	-2.991	.90077	.93800	.84156	.77040	.35162	1.01004	1.05427	.97119	.90553	.50921
.900	-1.995	.92352	.96314	.86778	.79714	.38100	.99378	1.03820	.95222	.88513	.48283
.900	-.997	.94360	.98607	.89170	.82229	.40845	.97629	1.02004	.93089	.86213	.45595
.900	0.007	.96149	1.00521	.91424	.84595	.43595	.95879	1.00154	.90925	.83922	.42890
.900	1.007	.97954	1.02326	.93520	.86768	.46267	.93923	.97985	.88616	.81482	.40090
.900	2.004	.99760	1.04104	.95600	.88887	.48982	.91874	.95669	.86248	.79039	.37343
.900	3.006	1.01603	1.05877	.97676	.91092	.51715	.89840	.93452	.83810	.76542	.34579
.900	4.010	1.03380	1.07561	.99682	.93255	.54418	.87669	.91172	.81278	.73964	.31780
.900	5.008	1.05022	1.09117	1.01529	.95295	.57013	.85526	.88842	.78739	.71414	.29069
.900	6.001	1.06683	1.10613	1.03316	.97285	.59635	.83328	.86567	.76253	.68856	.26316
.900	7.005	1.08428	1.12177	1.05220	.99367	.62368	.81226	.84452	.73781	.66280	.23586
.900	8.009	1.09914	1.13490	1.06888	1.01238	.64874	.79077	.82406	.71348	.63710	.20932
GRADIENT		.01899	.02000	.02241	.02328	.02726	-.01905	-.01992	-.02232	-.02354	-.02751

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

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPO1	GPU	CPC4	CPC5	CPC6	CPO2
1.250	-7.999	1.01301	1.04916	.94594	.87500	.48652	1.29376	1.33121	1.26579	1.20920	.86512
1.250	-6.982	1.03413	1.06908	.96308	.89915	.51159	1.27872	1.31822	1.24963	1.19143	.84084
1.250	-5.996	1.05280	1.08829	.99089	.92141	.53476	1.26239	1.30422	1.23226	1.17238	.81637
1.250	-4.981	1.07282	1.11030	1.01455	.94515	.55925	1.24714	1.29041	1.21549	1.15386	.79273
1.250	-3.991	1.09179	1.13122	1.03671	.96733	.58332	1.22975	1.27494	1.19628	1.13329	.76790
1.250	-2.990	1.11231	1.15303	1.05979	.99111	.60825	1.21354	1.25881	1.17770	1.11338	.74449
1.250	-1.990	1.13080	1.17496	1.08236	1.01438	.63268	1.19600	1.24208	1.15861	1.09301	.72088
1.250	-.996	1.14885	1.19399	1.10353	1.03663	.65693	1.17873	1.22496	1.13890	1.07174	.69665
1.250	.014	1.16657	1.21170	1.12393	1.05808	.68098	1.16255	1.20836	1.11921	1.05082	.67328
1.250	1.010	1.18391	1.22976	1.14392	1.07838	.70467	1.14497	1.18900	1.09785	1.02878	.64902
1.250	2.008	1.20055	1.24727	1.16409	1.09874	.72856	1.12647	1.16745	1.07568	1.00607	.62474
1.250	3.025	1.21637	1.26219	1.18202	1.11814	.75151	1.10618	1.14500	1.05201	.98210	.59969
1.250	4.011	1.23395	1.27851	1.20133	1.13916	.77627	1.08743	1.12534	1.03085	.96004	.57597
1.250	5.017	1.25078	1.29262	1.21861	1.15800	.80039	1.06823	1.10526	1.00891	.93806	.55199
1.250	6.009	1.26862	1.30751	1.23572	1.17620	.82403	1.04913	1.08478	.98588	.91476	.52776
1.250	7.007	1.28446	1.32348	1.25439	1.19561	.84893	1.03003	1.06493	.96331	.89144	.50393
1.250	8.004	1.29838	1.33540	1.27068	1.21413	.87206	1.01053	1.04605	.94099	.86828	.48052
GRADIENT		.01782	.01869	.02075	.02153	.02407	-.01762	-.01835	-.02050	-.02153	-.02403

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

(RCMO14) (03 OCT 91)

PARAMETRIC DATA

BETA = .000 PHI = .000

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

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
1.400	-7.996	1.02393	1.07608	.96545	.89204	.50211	1.33517	1.38554	1.31094	1.24875	.88969
1.400	-6.985	1.04353	1.09608	.98922	.91560	.52489	1.31625	1.36987	1.29117	1.22699	.86418
1.400	-5.990	1.06364	1.11882	1.01303	.93994	.54867	1.29813	1.35348	1.27189	1.20695	.83982
1.400	-4.989	1.08406	1.14169	1.03724	.96430	.57296	1.27846	1.33731	1.25327	1.18693	.81540
1.399	-3.988	1.10400	1.16244	1.05985	.98740	.59640	1.25727	1.31928	1.23159	1.16392	.78857
1.400	-2.988	1.12521	1.18566	1.08418	1.01197	.62177	1.23850	1.30203	1.21161	1.14299	.76480
1.400	-1.988	1.14554	1.20971	1.10840	1.03645	.64664	1.21897	1.28371	1.19143	1.12130	.73962
1.399	-.990	1.16414	1.22984	1.13024	1.05928	.67100	1.19883	1.26504	1.16939	1.09771	.71338
1.400	.018	1.18435	1.24931	1.15213	1.08209	.69618	1.18097	1.24626	1.14757	1.07479	.68877
1.400	1.004	1.20233	1.26864	1.17347	1.10343	.72023	1.16071	1.22378	1.12384	1.05102	.66363
1.400	2.005	1.22145	1.28812	1.19631	1.12682	.74644	1.14089	1.20190	1.10200	1.02862	.64048
1.400	3.005	1.24064	1.30421	1.21580	1.14771	.77136	1.12082	1.17930	1.07814	1.00440	.61645
1.400	4.023	1.26218	1.32314	1.23673	1.17004	.79794	1.09995	1.15784	1.05431	.98052	.59180
1.400	5.009	1.28024	1.33880	1.25512	1.18921	.82152	1.07876	1.13486	1.03020	.95641	.56770
1.400	6.011	1.29973	1.35491	1.27501	1.21014	.84656	1.05917	1.11325	1.00728	.93294	.54435
1.400	7.013	1.31955	1.37140	1.29423	1.23125	.87225	1.03985	1.09240	.98414	.90949	.52133
1.400	8.005	1.33634	1.38563	1.31167	1.25014	.89602	1.02015	1.07171	.96076	.88569	.49850
GRADIENT		.01958	.02020	.02221	.02286	.02496	-.01965	-.01996	-.02204	-.02291	-.02479

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

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
1.450	-8.000	1.00256	1.07162	.96200	.89051	.50687	1.32661	1.38517	1.30858	1.24757	.89115
1.451	-6.989	1.02312	1.09335	.98662	.91547	.52982	1.30503	1.37057	1.29083	1.22749	.86586
1.450	-5.994	1.04240	1.11635	1.01033	.93873	.55155	1.28464	1.35490	1.27134	1.20657	.84046
1.450	-4.994	1.06343	1.13883	1.03348	.96177	.57448	1.26588	1.33799	1.25209	1.18664	.81570
1.450	-3.994	1.08352	1.16081	1.05778	.98602	.59867	1.24361	1.32066	1.23315	1.16614	.78936
1.450	-2.994	1.10312	1.18239	1.08035	1.00913	.62224	1.22294	1.30479	1.21314	1.14482	.76290
1.450	-1.995	1.12610	1.20931	1.10659	1.03505	.64832	1.20453	1.28907	1.19391	1.12393	.73832
1.450	-.986	1.14682	1.23257	1.13075	1.05899	.67321	1.18282	1.27042	1.17195	1.09923	.71208
1.450	.024	1.16843	1.25343	1.15352	1.08226	.69783	1.16381	1.25196	1.14882	1.07444	.68707
1.450	1.006	1.18913	1.27515	1.17605	1.10517	.72242	1.14318	1.23664	1.12375	1.05031	.66197
1.450	2.010	1.20648	1.29385	1.20004	1.13002	.74825	1.12054	1.20238	1.10082	1.02714	.63756
1.450	3.011	1.22711	1.30822	1.21912	1.15157	.77318	1.09946	1.18010	1.07610	1.00250	.61331
1.450	4.012	1.25142	1.32752	1.23917	1.17193	.79925	1.07935	1.15747	1.05119	.97738	.58788
1.451	5.009	1.27100	1.34440	1.25865	1.19182	.82404	1.05782	1.13476	1.02797	.95372	.56359
1.450	6.011	1.29318	1.36008	1.27828	1.21308	.84924	1.03895	1.11312	1.00459	.93007	.54002
1.450	7.008	1.31595	1.37869	1.29839	1.23479	.87542	1.02066	1.09273	.98153	.90683	.51868
1.450	8.004	1.33502	1.39288	1.31606	1.25363	.89840	1.00076	1.06985	.95581	.88160	.49755
GRADIENT		.02074	.02123	.02308	.02355	.02496	-.02061	-.02014	-.02242	-.02339	-.02521

IA310 (AEDC 16TF-783) FLOW ANGULARITIES-FAIR OFF (RCMO17) (03 OCT 91)

PARAMETRIC DATA

ALPHA = .000 PHI = 90.000

RUN NO. 1223/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
.900	-3.988	.93851	.97948	.89472	.82802	.42342	.93267	.97502	.88851	.82115	.41401
.900	-2.989	.94880	.99030	.90274	.83534	.42898	.94289	.98528	.89659	.82828	.41887
.899	-1.985	.95687	.99864	.90930	.84174	.43241	.95091	.99346	.90300	.83376	.42392
.900	-.993	.96146	1.00448	.91347	.84544	.43505	.95562	.99845	.90676	.83702	.42561
.900	.017	.96142	1.00560	.91458	.84640	.43580	.95700	1.00006	.90817	.83847	.42670
.900	1.006	.95883	1.00369	.91299	.84482	.43490	.95450	.99829	.90629	.83695	.42545
.900	2.005	.95270	.99794	.90816	.84010	.43236	.94870	.99257	.90193	.83341	.42391
.900	2.998	.94427	.99024	.90204	.83368	.42872	.94003	.98502	.89596	.82846	.41964
.900	3.995	.93282	.97896	.89295	.82507	.42245	.92750	.97347	.88684	.82081	.41510
	GRADIENT	-.00079	-.00007	-.00020	-.00034	-.00008	-.00058	-.00014	-.00018	-.00002	-.00011

RUN NO. 1168/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
1.250	-3.985	1.14734	1.18986	1.10750	1.04301	.67166	1.14232	1.18772	1.10357	1.03774	.66287
1.250	-2.970	1.15683	1.19959	1.11476	1.04932	.67551	1.15153	1.19688	1.11050	1.04361	.66691
1.250	-1.980	1.16290	1.20649	1.11998	1.05446	.67910	1.15741	1.20325	1.11556	1.04781	.67057
1.250	-.992	1.16624	1.21072	1.12319	1.05704	.68073	1.16078	1.20715	1.11848	1.05028	.67226
1.250	.016	1.16657	1.21207	1.12430	1.05803	.68181	1.16253	1.20923	1.12010	1.05181	.67338
1.249	1.014	1.16429	1.21104	1.12331	1.05695	.68085	1.16124	1.20807	1.11878	1.05066	.67236
1.250	2.004	1.15929	1.20641	1.11956	1.05358	.67927	1.15614	1.20315	1.11520	1.04820	.67082
1.250	3.010	1.15156	1.19862	1.11344	1.04762	.67569	1.14776	1.19538	1.10908	1.04333	.66734
1.250	3.995	1.14160	1.18922	1.10608	1.04073	.67148	1.13714	1.18531	1.10111	1.03676	.66307
	GRADIENT	-.00080	-.00009	-.00017	-.00027	-.00001	-.00057	-.00022	-.00024	-.00006	-.00005

RUN NO. 1187/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
1.400	-3.988	1.16508	1.22622	1.13508	1.06669	.68518	1.15928	1.22336	1.13048	1.06064	.67570
1.400	-2.991	1.17445	1.23726	1.14302	1.07377	.68912	1.16847	1.23281	1.13737	1.06614	.67955
1.400	-1.984	1.17980	1.24449	1.14829	1.07838	.69180	1.17301	1.23844	1.14135	1.06926	.68223
1.400	-.986	1.18227	1.24833	1.15089	1.08030	.69307	1.17594	1.24261	1.14439	1.07143	.68390
1.400	.008	1.18352	1.25086	1.15298	1.08213	.69430	1.17892	1.24562	1.14651	1.07331	.68525
1.400	1.004	1.18048	1.24905	1.15144	1.08055	.69338	1.17676	1.24348	1.14454	1.07173	.68447
1.400	2.000	1.17465	1.24317	1.14675	1.07657	.69147	1.17033	1.23706	1.13964	1.06853	.68233
1.400	3.006	1.16890	1.23603	1.14123	1.07132	.68929	1.16328	1.23013	1.13475	1.06508	.68023
1.400	3.996	1.15907	1.22687	1.13442	1.06507	.68522	1.15300	1.22013	1.12689	1.05872	.67638
	GRADIENT	-.00088	-.00005	-.00017	-.00029	-.00001	-.00075	-.00038	-.00042	-.00020	-.00009

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

(RCMO17) (03 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	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
1.450	-3.993	1.14912	1.22868	1.13556	1.06705	.68720	1.13886	1.22076	1.12762	1.05866	.67915
1.449	-2.997	1.15563	1.23791	1.14211	1.07329	.69079	1.14568	1.23054	1.13466	1.06422	.68194
1.450	-1.996	1.16365	1.24708	1.14909	1.07946	.69482	1.15379	1.24061	1.14129	1.06920	.68529
1.450	-1.003	1.16697	1.25177	1.15262	1.08229	.69620	1.15841	1.24640	1.14457	1.07176	.68652
1.450	.005	1.16778	1.25497	1.15484	1.08367	.69715	1.16112	1.25102	1.14799	1.07467	.68750
1.450	1.004	1.16621	1.25479	1.15403	1.08222	.69566	1.16084	1.25139	1.14782	1.07400	.68639
1.450	1.990	1.15831	1.24687	1.14850	1.07781	.69423	1.15315	1.24320	1.14247	1.06997	.68422
1.450	2.986	1.15168	1.23893	1.14208	1.07174	.69133	1.14543	1.23420	1.13629	1.06564	.68125
1.450	3.986	1.14422	1.23136	1.13635	1.06553	.68770	1.13715	1.22395	1.12816	1.05938	.67777
	GRADIENT	-.00071	.00028	.00006	-.00023	.00003	-.00010	.00057	.00021	.00018	-.00016

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

MACH	BETA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
1.473	-3.982	1.10703	1.22317	1.12886	1.06128	.68052	1.10011	1.21981	1.12241	1.05236	.67115
1.473	-2.990	1.11194	1.23153	1.13517	1.06692	.68361	1.10486	1.22701	1.12850	1.05711	.67394
1.473	-1.990	1.11380	1.23724	1.13927	1.07039	.68637	1.10640	1.23086	1.13231	1.06068	.67664
1.473	-.986	1.11927	1.24532	1.14480	1.07428	.68889	1.11143	1.23726	1.13675	1.06476	.67927
1.473	.017	1.11696	1.24581	1.14414	1.07354	.68873	1.11033	1.23816	1.13705	1.06487	.67903
1.473	1.010	1.11406	1.24315	1.14192	1.07138	.68812	1.10829	1.23865	1.13765	1.06536	.67814
1.473	2.000	1.11200	1.23857	1.13771	1.06743	.68578	1.10637	1.23496	1.13493	1.06313	.67577
1.473	3.001	1.11343	1.23365	1.13411	1.06421	.68390	1.10688	1.22969	1.13078	1.06061	.67431
1.473	3.991	1.10616	1.22346	1.12715	1.05769	.67955	1.09918	1.21821	1.12186	1.05414	.67050
	GRADIENT	-.00013	.00014	-.00026	-.00052	-.00008	-.00001	.00019	.00018	.00039	-.00007

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

MACH	BETA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
1.496	-3.987	1.04660	1.22739	1.13204	1.06500	.68430	1.04000	1.22331	1.12583	1.05612	.67632
1.496	-2.990	1.04217	1.23784	1.13913	1.07063	.68752	1.03536	1.23312	1.13277	1.06174	.67973
1.496	-1.985	1.04013	1.24773	1.14594	1.07633	.69130	1.03290	1.24258	1.13962	1.06773	.68331
1.496	-.989	1.03902	1.25155	1.14861	1.07846	.69290	1.03182	1.24630	1.14203	1.06989	.68467
1.495	.016	1.03615	1.25130	1.14793	1.07759	.69217	1.03041	1.24581	1.14161	1.06959	.68407
1.496	1.017	1.03880	1.25033	1.14764	1.07738	.69228	1.03384	1.24586	1.14172	1.07002	.68428
1.496	2.000	1.04223	1.24662	1.14505	1.07509	.69090	1.03756	1.24195	1.13907	1.06799	.68296
1.496	2.995	1.05319	1.24069	1.14093	1.07128	.68843	1.04744	1.23613	1.13526	1.06527	.68086
1.496	4.001	1.05658	1.23129	1.13407	1.06490	.68480	1.05058	1.22637	1.12840	1.06018	.67718
	GRADIENT	.00128	.00035	.00018	-.00003	.00006	.00150	.00033	.00028	.00046	.00010

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

(RCM017) (03 OCT 91)

PARAMETRIC DATA

RUN NO. 1287/ 0		RN/L = 2.50		GRADIENT INTERVAL = -5.00/ 5.00		ALPHA = .000		PHI = 90.000			
MACH	BETA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
1.520	-3.987	.79885	1.23256	1.12576	1.05860	.68064	.78965	1.22990	1.12204	1.05023	.66996
1.520	-2.985	.80991	1.24761	1.13225	1.06371	.68336	.80543	1.24509	1.12825	1.05516	.67324
1.520	-1.990	.92577	1.26779	1.14451	1.07238	.68752	.92753	1.25665	1.14002	1.06387	.67760
1.520	-.992	.98142	1.25476	1.14873	1.07468	.68762	.98086	1.23477	1.14280	1.06578	.67816
1.520	.015	.98729	1.25110	1.15059	1.07602	.68860	.98593	1.23173	1.14435	1.06762	.67977
1.520	1.004	.96802	1.26471	1.14927	1.07544	.68810	.96814	1.24769	1.14306	1.06679	.67942
1.520	2.006	.82662	1.25508	1.13905	1.06894	.68618	.82392	1.25284	1.13429	1.06130	.67753
1.520	3.001	.80714	1.24188	1.13315	1.06373	.68376	.80066	1.23863	1.12784	1.05651	.67544
1.520	3.996	.80557	1.22825	1.12644	1.05809	.67986	.79884	1.22314	1.11932	1.04986	.67173
	GRADIENT	-.00321	-.00083	-.00008	-.00013	-.00007	-.00328	-.00069	-.00039	-.00003	.00025

RUN NO. 1255/ 0		RN/L = 2.50		GRADIENT INTERVAL = -5.00/ 5.00		ALPHA = .000		PHI = 90.000			
MACH	BETA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
1.544	-3.987	.84349	1.27827	1.12649	1.05411	.67308	.84164	1.26783	1.11784	1.04335	.66159
1.544	-2.979	.89259	1.25481	1.13988	1.06221	.67690	.89107	1.22118	1.13088	1.05074	.66583
1.544	-1.989	.92014	1.20384	1.14669	1.06636	.67932	.91799	1.16273	1.13772	1.05529	.66875
1.543	-.991	.93475	1.17283	1.14882	1.06807	.68044	.93159	1.13490	1.13958	1.05740	.67036
1.544	.017	.93627	1.16636	1.14935	1.06868	.68100	.93427	1.12702	1.13997	1.05838	.67159
1.543	1.010	.92855	1.18155	1.14884	1.06805	.68046	.92870	1.14325	1.14022	1.05825	.67174
1.544	2.000	.90617	1.22317	1.14441	1.06519	.67957	.90842	1.18382	1.13761	1.05637	.67118
1.543	3.001	.87124	1.27225	1.13516	1.05926	.67690	.87420	1.24622	1.12861	1.05112	.66887
1.543	3.995	.78950	1.25189	1.12039	1.05004	.67271	.79106	1.24681	1.11206	1.04180	.66521
	GRADIENT	-.00523	-.00011	-.00072	-.00046	-.00002	-.00458	.00068	-.00049	-.00003	.00050

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

(RCMO18) (03 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	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
.900	-3.989	.93875	.97965	.89490	.82863	.42408	.93341	.97575	.88948	.82177	.41508
.900	-2.989	.94882	.99016	.90284	.83521	.42897	.94336	.98559	.89707	.82845	.41909
.900	-1.985	.95728	.99886	.90976	.84193	.43347	.95181	.99408	.90380	.83420	.42390
.900	-.993	.96166	1.00440	.91359	.84532	.43523	.95617	.99885	.90723	.83706	.42586
.900	.016	.96182	1.00567	.91490	.84639	.43614	.95762	1.00056	.90857	.83847	.42684
.899	1.005	.95875	1.00349	.91295	.84452	.43469	.95503	.99871	.90676	.83693	.42550
.900	2.005	.95286	.99802	.90857	.84023	.43284	.94944	.99319	.90279	.83403	.42379
.900	2.998	.94414	.98975	.90168	.83347	.42888	.94011	.98495	.89605	.82844	.41986
.900	4.000	.93280	.97849	.89290	.82496	.42265	.92742	.97314	.88686	.82046	.41533
	GRADIENT	-.00082	-.00014	-.00024	-.00040	-.00013	-.00066	-.00024	-.00027	-.00009	-.00005

RUN NO. 1266/ 0 RN/L = 2.51 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
1.250	-3.985	1.14673	1.18940	1.10691	1.04305	.67180	1.14230	1.18693	1.10314	1.03791	.66326
1.250	-2.987	1.15705	1.20027	1.11520	1.05030	.67657	1.15240	1.19710	1.11120	1.04465	.66818
1.250	-1.986	1.16248	1.20631	1.11976	1.05472	.67937	1.15746	1.20275	1.11543	1.04801	.67095
1.250	-.981	1.16608	1.21061	1.12293	1.05739	.68142	1.16101	1.20684	1.11856	1.05080	.67317
1.250	.015	1.16533	1.21107	1.12306	1.05731	.68141	1.16144	1.20774	1.11907	1.05126	.67315
1.250	1.008	1.16385	1.21074	1.12274	1.05694	.68113	1.16074	1.20727	1.11831	1.05070	.67283
1.250	2.003	1.15909	1.20504	1.11897	1.05346	.67921	1.15593	1.20235	1.11453	1.04793	.67092
1.250	2.999	1.15122	1.19847	1.11305	1.04766	.67618	1.14763	1.19449	1.10857	1.04331	.66795
1.250	4.000	1.14043	1.18837	1.10513	1.04032	.67154	1.13614	1.18372	1.09993	1.03623	.66305
	GRADIENT	-.00086	-.00016	-.00025	-.00036	-.00005	-.00070	-.00035	-.00038	-.00018	-.00003

RUN NO. 1261/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
1.400	-3.988	1.16507	1.22616	1.13568	1.06791	.68910	1.16124	1.22419	1.13181	1.06246	.67979
1.399	-2.980	1.17496	1.23684	1.14352	1.07511	.69283	1.17060	1.23367	1.13879	1.06783	.68353
1.400	-1.984	1.18063	1.24415	1.14886	1.07991	.69590	1.17555	1.23947	1.14313	1.07131	.68652
1.400	-.986	1.18362	1.24816	1.15157	1.08196	.69726	1.17889	1.24373	1.14624	1.07390	.68809
1.400	.019	1.18387	1.24968	1.15275	1.08287	.69777	1.18058	1.24569	1.14740	1.07483	.68875
1.400	1.008	1.18047	1.24781	1.15103	1.08117	.69650	1.17785	1.24348	1.14519	1.07299	.68747
1.400	2.000	1.17609	1.24296	1.14751	1.07832	.69555	1.17296	1.23849	1.14137	1.07040	.68652
1.400	3.001	1.16880	1.23541	1.14161	1.07266	.69285	1.16483	1.23106	1.13590	1.06641	.68411
1.400	4.001	1.15959	1.22663	1.13513	1.06634	.68936	1.15484	1.22132	1.12843	1.06061	.68065
	GRADIENT	-.00088	-.00008	-.00018	-.00029	-.00001	-.00082	-.00036	-.00044	-.00024	-.00008

IA310 (AEDC 16TF-783) FLOW ANGULARITIES-FAIR OFF (RCMO18) (03 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	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
1.449	-3.987	1.14916	1.22840	1.13610	1.06746	.68738	1.13981	1.22063	1.12740	1.05859	.67889
1.450	-2.980	1.15712	1.23830	1.14309	1.07408	.69128	1.14799	1.23109	1.13527	1.06449	.68215
1.450	-1.985	1.16414	1.24705	1.14928	1.07939	.69458	1.15507	1.24002	1.14069	1.06840	.68480
1.450	-.992	1.16772	1.25181	1.15295	1.08242	.69587	1.15928	1.24555	1.14417	1.07120	.68603
1.450	.016	1.16757	1.25428	1.15459	1.08329	.69648	1.16067	1.25008	1.14777	1.07419	.68676
1.450	1.009	1.16716	1.25514	1.15552	1.08378	.69685	1.16149	1.25108	1.14842	1.07466	.68701
1.450	2.006	1.15935	1.24690	1.14943	1.07877	.69471	1.15419	1.24258	1.14244	1.06988	.68426
1.450	2.996	1.15306	1.23900	1.14306	1.07266	.69187	1.14701	1.23448	1.13706	1.06628	.68180
1.450	3.997	1.14444	1.23065	1.13647	1.06597	.68784	1.13771	1.22324	1.12796	1.05924	.67756
	GRADIENT	-.00069	.00024	.00007	-.00017	.00008	-.00018	.00053	.00026	.00024	-.00011

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

(RCMO19) (03 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	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
.900	4.025	.93174	.97763	.89051	.82205	.41758	.93382	.97998	.89348	.82752	.42257
.900	3.016	.94214	.98755	.89835	.82950	.42263	.94532	.99061	.90179	.83453	.42682
.900	2.005	.95040	.99509	.90433	.83607	.42639	.95450	.99878	.90844	.84019	.43082
.900	1.000	.95482	.99938	.90795	.83952	.42847	.96022	1.00349	.91244	.84321	.43273
.900	-.016	.95671	1.00049	.90905	.84062	.42904	.96191	1.00514	.91338	.84379	.43301
.900	-1.012	.95644	.99907	.90762	.83940	.42804	.95978	1.00279	.91180	.84243	.43215
.900	-2.013	.95153	.99307	.90357	.83558	.42578	.95340	.99660	.90729	.83870	.42975
.900	-3.023	.94342	.98438	.89698	.82916	.42202	.94521	.98808	.90039	.83260	.42557
.900	-4.039	.93152	.97239	.88737	.82090	.41550	.93391	.97634	.89095	.82427	.41984
	GRADIENT	-.00011	.00057	.00030	.00011	.00019	.00004	.00045	.00028	.00037	.00029

IA310 (AEDC 16TF-783) FLOW ANGULARITIES-FAIR OFF (RCM019) (03 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	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
1.250	4.023	1.14133	1.18899	1.10461	1.03859	.66679	1.14286	1.19078	1.10649	1.04212	.66927
1.250	3.010	1.15030	1.19741	1.11093	1.04465	.67036	1.15268	1.19991	1.11361	1.04790	.67310
1.250	2.001	1.15702	1.20417	1.11645	1.05011	.67388	1.16045	1.20721	1.11944	1.05266	.67669
1.250	.995	1.16050	1.20739	1.11930	1.05281	.67553	1.16482	1.21090	1.12236	1.05471	.67823
1.250	-.013	1.16327	1.20942	1.12118	1.05457	.67656	1.16663	1.21278	1.12398	1.05596	.67919
1.250	-1.009	1.16324	1.20839	1.12000	1.05349	.67557	1.16511	1.21134	1.12305	1.05509	.67823
1.250	-2.027	1.15885	1.20257	1.11589	1.04994	.67312	1.15984	1.20572	1.11878	1.05158	.67584
1.250	-3.024	1.15194	1.19500	1.11027	1.04461	.66991	1.15294	1.19814	1.11295	1.04678	.67246
1.250	-4.043	1.14170	1.18438	1.10230	1.03812	.66585	1.14294	1.18811	1.10519	1.04018	.66809
	GRADIENT	-.00021	.00046	.00019	.00003	.00011	-.00000	.00031	.00013	.00021	.00014

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

MACH	BETA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
1.400	4.025	1.15890	1.22567	1.13176	1.06171	.67987	1.15935	1.22659	1.13406	1.06622	.68322
1.400	3.024	1.16818	1.23462	1.13819	1.06786	.68308	1.16934	1.23668	1.14174	1.07190	.68696
1.399	2.004	1.17286	1.24001	1.14191	1.07096	.68523	1.17569	1.24346	1.14683	1.07559	.68911
1.399	.998	1.17661	1.24405	1.14542	1.07416	.68677	1.18017	1.24748	1.14996	1.07775	.69051
1.400	-.019	1.17957	1.24582	1.14669	1.07523	.68724	1.18194	1.24946	1.15140	1.07880	.69086
1.400	-1.004	1.17929	1.24440	1.14544	1.07423	.68676	1.18032	1.24780	1.15036	1.07778	.69035
1.400	-2.024	1.17417	1.23769	1.14080	1.07054	.68484	1.17460	1.24120	1.14584	1.07424	.68846
1.400	-3.015	1.16795	1.23011	1.13542	1.06623	.68205	1.16873	1.23360	1.13984	1.06983	.68551
1.400	-4.035	1.15945	1.22038	1.12851	1.06025	.67905	1.16030	1.22510	1.13377	1.06478	.68183
	GRADIENT	-.00012	.00064	.00039	.00019	.00012	-.00000	.00032	.00014	.00024	.00019

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

MACH	BETA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
1.450	4.030	1.13720	1.22262	1.12886	1.05978	.68303	1.14242	1.22882	1.13401	1.06574	.68520
1.450	3.019	1.14502	1.23254	1.13633	1.06685	.68563	1.15084	1.23807	1.14094	1.07121	.68871
1.450	2.011	1.15279	1.24085	1.14177	1.07120	.68754	1.15955	1.24619	1.14698	1.07582	.69121
1.450	1.005	1.15834	1.24652	1.14561	1.07451	.68942	1.16482	1.25200	1.15156	1.07941	.69330
1.451	-.003	1.16225	1.25105	1.14891	1.07735	.69029	1.16703	1.25483	1.15352	1.08059	.69393
1.450	-1.001	1.16274	1.25082	1.14833	1.07632	.68874	1.16608	1.25407	1.15250	1.07885	.69204
1.450	-2.009	1.15593	1.24215	1.14299	1.07197	.68629	1.15819	1.24498	1.14676	1.07456	.69038
1.450	-3.011	1.15127	1.23523	1.13889	1.06896	.68462	1.15347	1.23829	1.14189	1.07057	.68866
1.450	-4.025	1.14400	1.22383	1.12992	1.06097	.68030	1.14612	1.22943	1.13511	1.06498	.68421
	GRADIENT	-.00094	.00033	.00028	-.00024	.00028	-.00005	.00005	-.00013	.00013	.00012

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

(RCMO19) (03 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	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
1.473	4.024	1.09710	1.22067	1.12312	1.05350	.67496	1.10027	1.22392	1.12744	1.05946	.67764
1.473	3.007	1.10413	1.22844	1.12981	1.05999	.67815	1.10802	1.23235	1.13483	1.06506	.68106
1.473	2.004	1.10673	1.23273	1.13353	1.06389	.68062	1.11223	1.23765	1.13909	1.06831	.68369
1.473	.993	1.11004	1.23722	1.13686	1.06695	.68229	1.11671	1.24438	1.14338	1.07115	.68536
1.473	-0.010	1.11085	1.23890	1.13780	1.06772	.68222	1.11676	1.24519	1.14339	1.07067	.68531
1.473	-1.012	1.11023	1.23894	1.13839	1.06803	.68115	1.11494	1.24266	1.14140	1.06872	.68441
1.474	-2.014	1.11045	1.23569	1.13630	1.06632	.67912	1.11432	1.23794	1.13773	1.06543	.68248
1.473	-3.021	1.11015	1.22819	1.13115	1.06250	.67680	1.11385	1.23212	1.13282	1.06141	.67951
1.474	-4.040	1.10602	1.21770	1.12351	1.05601	.67374	1.10930	1.22266	1.12665	1.05714	.67595
	GRADIENT	-.00102	.00008	-.00021	-.00039	.00022	-.00093	.00011	.00023	.00047	.00025

RUN NO. 1243/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
1.496	4.023	1.03865	1.22532	1.12766	1.05901	.68084	1.04326	1.22907	1.13143	1.06324	.68236
1.496	3.012	1.02993	1.23390	1.13359	1.06436	.68353	1.03564	1.23837	1.13767	1.06765	.68482
1.495	1.999	1.03029	1.24325	1.14052	1.07057	.68680	1.03775	1.24786	1.14476	1.07321	.68805
1.496	.996	1.02968	1.24575	1.14233	1.07226	.68753	1.03731	1.25096	1.14679	1.07462	.68900
1.496	-.027	1.03168	1.24785	1.14433	1.07429	.68860	1.03824	1.25254	1.14828	1.07579	.68983
1.496	-1.013	1.03300	1.24382	1.14120	1.07168	.68642	1.03862	1.24844	1.14507	1.07285	.68747
1.496	-2.024	1.04241	1.24219	1.14065	1.07138	.68610	1.04774	1.24635	1.14450	1.07248	.68726
1.496	-3.020	1.05133	1.23528	1.13627	1.06785	.68316	1.05614	1.23956	1.13980	1.06832	.68432
1.496	-4.039	1.05670	1.22564	1.12995	1.06252	.67965	1.06056	1.23040	1.13335	1.06318	.68087
	GRADIENT	-.00271	-.00003	-.00027	-.00043	.00014	-.00251	-.00006	-.00020	.00002	.00017

RUN NO. 1289/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
1.520	4.024	.79428	1.23072	1.12247	1.05279	.67379	.80140	1.23225	1.12402	1.05463	.67788
1.520	3.023	.80848	1.24684	1.12957	1.05884	.67720	.81462	1.24773	1.13155	1.06053	.68111
1.520	1.988	.91657	1.26243	1.13912	1.06553	.68026	.92411	1.26522	1.14256	1.06809	.68362
1.520	.994	.97740	1.24143	1.14346	1.06851	.68138	.98395	1.25057	1.14821	1.07174	.68443
1.520	-.015	.98490	1.23765	1.14468	1.07020	.68278	.99146	1.24596	1.14902	1.07253	.68499
1.520	-1.006	.96529	1.25150	1.14378	1.06967	.68268	.97269	1.25632	1.14854	1.07223	.68471
1.520	-2.014	.81901	1.25382	1.13617	1.06559	.68121	.82634	1.25526	1.13922	1.06655	.68351
1.519	-3.016	.79840	1.23854	1.12962	1.06038	.67827	.80438	1.24050	1.13268	1.06099	.68020
1.520	-4.040	.79779	1.22220	1.12078	1.05331	.67461	.80256	1.22649	1.12570	1.05563	.67626
	GRADIENT	.00365	.00109	.00020	-.00013	-.00016	.00380	.00097	-.00007	-.00005	.00015

IA310 (AEDC 16TF-783) FLOW ANGULARITIES-FAIR OFF (RCMO19) (03 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	CPB	CPC1	CPC2	CPC3	CP01	CPU	CPC4	CPC5	CPC6	CP02
1.543	4.023	.83755	1.27285	1.11937	1.04626	.66635	.84281	1.28003	1.12552	1.05241	.67052
1.544	3.016	.88639	1.23494	1.13204	1.05402	.67046	.89322	1.25434	1.13943	1.06006	.67433
1.543	2.004	.91430	1.17185	1.13815	1.05784	.67223	.92225	1.19716	1.14586	1.06318	.67558
1.543	.993	.92839	1.14037	1.14033	1.06022	.67394	.93723	1.16522	1.14822	1.06503	.67676
1.544	-.016	.93154	1.13443	1.14085	1.06121	.67508	.93951	1.15601	1.14840	1.06542	.67744
1.544	-1.012	.92322	1.15031	1.13986	1.06057	.67500	.92908	1.17187	1.14711	1.06461	.67683
1.544	-2.025	.90325	1.18756	1.13738	1.05861	.67385	.90750	1.21048	1.14281	1.06191	.67511
1.544	-3.021	.87165	1.24389	1.12856	1.05276	.67111	.87381	1.26099	1.13335	1.05549	.67185
1.544	-4.040	.79924	1.25127	1.11413	1.04507	.66820	.79877	1.25569	1.11992	1.04777	.66864
	GRADIENT	.00371	.00032	.00055	.00011	-.00023	.00449	.00075	.00079	.00058	.00026

IA310 (AEDC 16TF-783) FLOW ANGULARITIES-FAIR OFF (RCMO20) (03 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	CPB	CPC1	CPC2	CPC3	CP01	CPU	CPC4	CPC5	CPC6	CP02
.900	4.025	.93135	.97681	.88993	.82126	.41668	.93354	.97944	.89326	.82706	.42209
.900	3.016	.94232	.98746	.89836	.82967	.42290	.94582	.99090	.90241	.83490	.42729
.900	1.999	.95029	.99473	.90428	.83577	.42634	.95514	.99930	.90890	.84032	.43090
.900	.995	.95492	.99924	.90803	.83941	.42879	.96066	1.00383	.91281	.84323	.43297
.900	-.022	.95654	1.00028	.90899	.84023	.42889	.96229	1.00545	.91395	.84391	.43317
.900	-1.012	.95672	.99922	.90800	.83949	.42848	.96050	1.00341	.91250	.84278	.43260
.900	-2.018	.95172	.99287	.90342	.83528	.42553	.95468	.99723	.90782	.83887	.42969
.900	-3.018	.94402	.98478	.89733	.82957	.42230	.94621	.98884	.90149	.83348	.42637
.899	-4.039	.93254	.97311	.88822	.82187	.41586	.93503	.97729	.89220	.82510	.42080
	GRADIENT	-.00024	.00044	.00019	-.00002	.00011	-.00010	.00032	.00015	.00025	.00018

IA310 (AEDC 16TF-783) FLOW ANGULARITIES-FAIR OFF (RCM020) (03 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	CPB	CPC1	CPC2	CPC3	CPC01	CPU	CPC4	CPC5	CPC6	CPC02
1.249	4.020	1.14086	1.18878	1.10422	1.03867	.66671	1.14261	1.19005	1.10612	1.04219	.66980
1.250	3.018	1.15037	1.19764	1.11116	1.04527	.67105	1.15299	1.19990	1.11399	1.04873	.67432
1.250	1.999	1.15734	1.20427	1.11647	1.05066	.67447	1.16080	1.20707	1.11967	1.05331	.67783
1.250	.993	1.16024	1.20723	1.11890	1.05288	.67570	1.16457	1.21008	1.12212	1.05496	.67893
1.250	-.015	1.16153	1.20775	1.11938	1.05339	.67560	1.16501	1.21033	1.12223	1.05472	.67869
1.249	-1.016	1.16270	1.20769	1.11921	1.05328	.67547	1.16488	1.21024	1.12229	1.05485	.67860
1.250	-2.017	1.15756	1.20141	1.11447	1.04915	.67260	1.15913	1.20432	1.11775	1.05090	.67576
1.250	-3.025	1.15106	1.19393	1.10903	1.04398	.66971	1.15254	1.19689	1.11215	1.04647	.67275
1.250	-4.044	1.13989	1.18255	1.10031	1.03683	.66480	1.14164	1.18610	1.10366	1.03918	.66771
	GRADIENT	-.00002	.00068	.00042	.00023	.00026	.00014	.00050	.00031	.00039	.00029

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

MACH	BETA	CPB	CPC1	CPC2	CPC3	CPC01	CPU	CPC4	CPC5	CPC6	CPC02
1.400	4.019	1.15951	1.22586	1.13300	1.06346	.68384	1.16054	1.22677	1.13442	1.06677	.68656
1.400	3.006	1.16869	1.23460	1.13932	1.06963	.68719	1.17044	1.23684	1.14220	1.07287	.69021
1.400	1.998	1.17418	1.24023	1.14342	1.07355	.68972	1.17732	1.24368	1.14758	1.07680	.69290
1.400	.997	1.17766	1.24416	1.14678	1.07663	.69146	1.18166	1.24742	1.15064	1.07911	.69434
1.400	-.020	1.18016	1.24557	1.14764	1.07730	.69130	1.18329	1.24907	1.15161	1.07963	.69410
1.400	-1.014	1.18017	1.24450	1.14659	1.07641	.69096	1.18213	1.24772	1.15091	1.07894	.69376
1.400	-2.020	1.17557	1.23812	1.14239	1.07305	.68939	1.17696	1.24167	1.14680	1.07569	.69213
1.400	-3.021	1.16982	1.23143	1.13770	1.06899	.68704	1.17178	1.23491	1.14150	1.07154	.68949
1.400	-4.041	1.15928	1.22002	1.12915	1.06128	.68248	1.16134	1.22443	1.13339	1.06485	.68459
	GRADIENT	-.00013	.00061	.00037	.00020	.00012	-.00012	.00031	.00012	.00023	.00020

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

MACH	BETA	CPB	CPC1	CPC2	CPC3	CPC01	CPU	CPC4	CPC5	CPC6	CPC02
1.450	4.014	1.13791	1.22262	1.12897	1.06003	.68307	1.14424	1.22939	1.13499	1.06658	.68569
1.450	3.013	1.14716	1.23300	1.13680	1.06731	.68592	1.15381	1.23916	1.14233	1.07242	.68959
1.450	1.994	1.15397	1.24158	1.14215	1.07163	.68831	1.16092	1.24707	1.14827	1.07704	.69245
1.450	.999	1.15924	1.24716	1.14617	1.07506	.69011	1.16640	1.25285	1.15231	1.08049	.69434
1.451	-.025	1.16288	1.25163	1.14952	1.07780	.69027	1.16837	1.25502	1.15377	1.08120	.69430
1.450	-1.012	1.16257	1.25078	1.14849	1.07636	.68872	1.16663	1.25419	1.15300	1.07980	.69272
1.451	-2.015	1.15687	1.24287	1.14388	1.07284	.68684	1.15989	1.24569	1.14814	1.07583	.69147
1.450	-3.027	1.15111	1.23411	1.13804	1.06834	.68408	1.15469	1.23774	1.14189	1.07036	.68845
1.450	-4.057	1.14339	1.22322	1.12978	1.06099	.68022	1.14706	1.22951	1.13563	1.06545	.68451
	GRADIENT	-.00071	.00019	-.00021	-.00017	.00035	-.00020	.00009	-.00003	.00023	.00020

IA310 (AEDC 16TF-783) FLOW ANGULARITIES-FAIR OFF (RCM021) (03 OCT 91)

PARAMETRIC DATA

BETA = .000 PHI = .000

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
1.300	.012	1.17392	1.23265	1.13406	1.06659	.68716	1.17010	1.22000	1.12874	1.05959	.67988
1.300	-4.013	1.10079	1.14319	1.04617	.97555	.58922	1.24126	1.29071	1.20973	1.14508	.77672
	GRADIENT	.01817	.01999	.02183	.02262	.02433	-.01768	-.01757	-.02012	-.02124	-.02406

RUN NO. 1175/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
1.350	.017	1.18243	1.23825	1.14550	1.07594	.69100	1.17739	1.23393	1.13953	1.06827	.68385
1.350	-4.028	1.10549	1.15435	1.05395	.98182	.59139	1.25223	1.30598	1.22167	1.15585	.78318
	GRADIENT	.01902	.02074	.02264	.02327	.02463	-.01850	-.01781	-.02031	-.02165	-.02456

RUN NO. 1233/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
1.470	.010	1.11659	1.24244	1.14054	1.07023	.68745	1.11247	1.23988	1.13879	1.06671	.67897
1.470	-4.025	1.03662	1.15436	1.04769	.97573	.58826	1.20606	1.31613	1.22339	1.15589	.78135
	GRADIENT	.01982	.02183	.02301	.02342	.02458	-.02319	-.01890	-.02097	-.02210	-.02537

RUN NO. 1245/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
1.519	.009	.99070	1.25416	1.15027	1.07469	.68588	.98763	1.22886	1.14380	1.06717	.68184
1.519	-4.019	.71562	1.15088	1.04141	.97140	.58737	.89375	1.31720	1.22349	1.15599	.78262
	GRADIENT	.06829	.02564	.02703	.02564	.02446	.02331	-.02193	-.01978	-.02205	-.02502

IA310 (AEDC 16TF-783) FLOW ANGULARITIES-FAIR OFF (RCM022) (03 OCT 91)

PARAMETRIC DATA

BETA = .000 PHI = 180.000

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
1.300	-.015	1.16936	1.21899	1.12892	1.06154	.68204	1.17384	1.22404	1.13317	1.06414	.68445
1.300	4.027	1.24172	1.28967	1.20928	1.14498	.77905	1.09910	1.14192	1.04399	.97214	.58576
	GRADIENT	.01790	.01749	.01988	.02064	.02400	-.01849	-.02032	-.02206	-.02276	-.02442

IA310 (AEDC 16TF-783) FLOW ANGULARITIES-FAIR OFF (RCM022) (03 OCT 91)

PARAMETRIC DATA

BETA = .000 PHI = 180.000

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

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
1.350	-.014	1.17744	1.23345	1.14014	1.07085	.68635	1.18165	1.23878	1.14460	1.07315	.68778
1.350	4.015	1.30565	1.22249	1.15659	.78577	1.10553	1.15471	1.05329	1.05329	.97985	.58904
	GRADIENT	.01880	.01792	.02044	.02128	.02468	-.01890	-.02087	-.02267	-.02316	-.02451

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

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
1.470	-.017	1.11230	1.24034	1.13922	1.06928	.68179	1.11625	1.24229	1.14021	1.06791	.68454
1.470	4.028	1.20743	1.31640	1.22421	1.15696	.78400	1.03723	1.15308	1.04654	.97342	.58503
	GRADIENT	.02352	.01881	.02101	.02168	.02527	-.01954	-.02206	-.02316	-.02336	-.02460

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

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
1.519	-.016	.98470	1.23423	1.14444	1.06982	.68436	.99450	1.25090	1.14989	1.07228	.68327
1.519	4.022	.90087	1.31963	1.22546	1.15958	.78610	.73085	1.14959	1.04141	.96938	.58530
	GRADIENT	-.02076	.02115	.02006	.02223	.02519	-.06528	-.02509	-.02686	-.02548	-.02426

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

(RCM023) (03 OCT 91)

PARAMETRIC DATA

BETA = .000 PHI = 180.000

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

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
1.519	-.016	.98421	1.23209	1.14360	1.06887	.68353	.99414	1.24842	1.14867	1.07110	.68218
1.520	4.022	.90229	1.32036	1.22655	1.16079	.78703	.73209	1.15124	1.04269	.97056	.58648
	GRADIENT	-.02028	.02186	.02054	.02276	.02563	-.06489	-.02406	-.02624	-.02489	-.02370

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

(RCM025) (03 OCT 91)

PARAMETRIC DATA

ALPHA = .000 PHI = -90.000

RUN NO. 1178/ 0		RN/L = 2.50		GRADIENT INTERVAL = -5.00/ 5.00		CPU		CPC4		CPC5		CPC6		CPO2	
MACH	BETA	CPB	CPC1	CPC2	CPC3	CPO1	GPU	CPC4	CPC5	CPC6	CPO2	CPC5	CPC6	CPO2	CPO2
1.350	-2.013	1.17580	1.22865	1.13633	1.06751	.68272	1.17691	1.23261	1.13965	1.06885	.68631	1.13965	1.06885	.68631	.68631
1.350	2.022	1.17346	1.23090	1.13776	1.06825	.68303	1.17696	1.23431	1.14100	1.07086	.68762	1.14100	1.07086	.68762	.68762
	GRADIENT	-.00058	.00056	.00036	.00019	.00008	.00001	.00042	.00034	.00050	.00033	.00034	.00050	.00033	.00033

RUN NO. 1236/ 0		RN/L = 2.50		GRADIENT INTERVAL = -5.00/ 5.00		CPU		CPC4		CPC5		CPC6		CPO2	
MACH	BETA	CPB	CPC1	CPC2	CPC3	CPO1	GPU	CPC4	CPC5	CPC6	CPO2	CPC5	CPC6	CPO2	CPO2
1.471	-2.009	1.11252	1.23606	1.13631	1.06631	.67906	1.11598	1.23797	1.13753	1.06535	.68255	1.13753	1.06535	.68255	.68255
1.471	2.025	1.10912	1.23253	1.13334	1.06383	.68061	1.11432	1.23705	1.13863	1.06815	.68373	1.13863	1.06815	.68373	.68373
	GRADIENT	-.00084	-.00088	-.00074	-.00062	.00038	-.00041	-.00023	.00027	.00069	.00029	.00027	.00069	.00029	.00029

RUN NO. 1248/ 0		RN/L = 2.50		GRADIENT INTERVAL = -5.00/ 5.00		CPU		CPC4		CPC5		CPC6		CPO2	
MACH	BETA	CPB	CPC1	CPC2	CPC3	CPO1	GPU	CPC4	CPC5	CPC6	CPO2	CPC5	CPC6	CPO2	CPO2
1.519	-2.009	.81593	1.25072	1.13531	1.06439	.68042	.82264	1.25274	1.13836	1.06558	.68307	1.13836	1.06558	.68307	.68307
1.519	2.031	.90219	1.26106	1.13735	1.06388	.67924	.91011	1.26399	1.14018	1.06609	.68273	1.14018	1.06609	.68273	.68273
	GRADIENT	.02135	.00256	.00050	-.00013	-.00029	.02165	.00278	.00045	.00013	-.00008	.00045	.00013	-.00008	-.00008

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

(RCM026) (03 OCT 91)

PARAMETRIC DATA

ALPHA = .000 BETA = .000

RUN NO. 1293/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	PHI	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
.599	-1.983	.83163	.87252	.71104	.30424	.83339	.87485	.71141	.78283	.71141	.30479
.599	-1.746	.83268	.87378	.71225	.30555	.83363	.87524	.71165	.78297	.71165	.30502
.600	-1.508	.83010	.87099	.70993	.30444	.83160	.87304	.70991	.78098	.70991	.30456
.599	-1.271	.83203	.87307	.71162	.30474	.83288	.87460	.71088	.78224	.71088	.30407
.600	-.993	.83076	.87183	.71070	.30485	.83176	.87329	.71004	.78124	.71004	.30420
.600	-.716	.83150	.87244	.71147	.30579	.83263	.87409	.71097	.78212	.71097	.30530
.600	-.479	.83075	.87168	.71041	.30431	.83161	.87327	.71003	.78122	.71003	.30386
.600	-.241	.83106	.87210	.71088	.30498	.83233	.87408	.71081	.78199	.71081	.30506
.599	-.003	.83059	.87166	.71047	.30473	.83140	.87316	.70988	.78105	.70988	.30408
.600	.234	.83122	.87222	.71117	.30561	.83197	.87358	.71046	.78161	.71046	.30494
.599	.472	.83276	.87376	.71211	.30523	.83343	.87508	.71129	.78274	.71129	.30458
.600	.749	.83168	.87281	.71152	.30495	.83269	.87453	.71107	.78234	.71107	.30477
.599	.987	.83169	.87270	.71125	.30468	.83192	.87455	.71117	.78240	.71117	.30470
.600	1.224	.83092	.87179	.71063	.30507	.83192	.87363	.71054	.78156	.71054	.30494
.599	1.501	.83137	.87218	.71093	.30489	.83242	.87388	.71061	.78176	.71061	.30462
.599	1.739	.83218	.87304	.71172	.30519	.83291	.87450	.71103	.78222	.71103	.30470
.599	1.977	.83257	.87333	.71196	.30528	.83301	.87451	.71095	.78228	.71095	.30453
	GRADIENT	.00014	.00011	.00010	.00009	.00001	.00002	.00001	.00000	.00001	.00002

RUN NO. 1298/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	PHI	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
.900	-2.023	.95862	1.00213	.91115	.84220	.43025	.96015	1.00335	.91128	.84111	.43001
.900	-1.746	.95869	1.00238	.91133	.84242	.43048	.96016	1.00360	.91152	.84130	.43017
.900	-1.508	.95824	1.00181	.91083	.84193	.43009	.95967	1.00311	.91096	.84085	.42971
.900	-1.271	.95865	1.00225	.91127	.84239	.43040	.96013	1.00352	.91142	.84126	.43003
.900	-.993	.95858	1.00211	.91119	.84221	.43049	.96002	1.00339	.91132	.84112	.43017
.900	-.756	.95915	1.00287	.91189	.84303	.43101	.96060	1.00407	.91196	.84184	.43059
.900	-.518	.95844	1.00207	.91114	.84218	.43046	.95983	1.00318	.91117	.84100	.43005
.900	-.241	.95918	1.00282	.91187	.84292	.43099	.96062	1.00404	.91192	.84176	.43058
.900	-.003	.95854	1.00216	.91121	.84222	.43037	.95998	1.00333	.91122	.84106	.42988
.900	.234	.95846	1.00207	.91105	.84205	.43021	.95980	1.00314	.91102	.84083	.42962
.900	.472	.95919	1.00282	.91186	.84291	.43105	.96051	1.00389	.91182	.84158	.43042
.900	.709	.95858	1.00224	.91125	.84236	.43043	.95986	1.00325	.91110	.84098	.42988
.900	.987	.95894	1.00254	.91157	.84261	.43067	.96029	1.00355	.91126	.84131	.43015
.900	1.224	.95873	1.00239	.91147	.84248	.43067	.95996	1.00335	.91126	.84110	.43009
.900	1.462	.95899	1.00244	.91153	.84266	.43087	.96029	1.00357	.91150	.84136	.43038
.900	1.739	.95903	1.00259	.91172	.84278	.43096	.96025	1.00356	.91145	.84132	.43034
.900	1.977	.95860	1.00223	.91136	.84245	.43067	.95980	1.00314	.91103	.84086	.42982
	GRADIENT	.00008	.00007	.00010	.00009	.00012	.00000	.00001	.00001	.00001	.00002

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

(RCM026) (03 OCT 91)

PARAMETRIC DATA

ALPHA = .000 BETA = .000

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

MACH	PHI	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
1.250	-1.983	1.16491	1.21015	1.12210	1.05569	.67753	1.16563	1.21224	1.12310	1.05466	.67681
1.250	-1.746	1.16448	1.20975	1.12180	1.05536	.67724	1.16487	1.21160	1.12252	1.05405	.67612
1.249	-1.508	1.16474	1.20993	1.12194	1.05549	.67713	1.16500	1.21152	1.12250	1.05401	.67584
1.250	-1.231	1.16508	1.21027	1.12227	1.05591	.67767	1.16529	1.21204	1.12296	1.05449	.67644
1.250	-.993	1.16490	1.21010	1.12210	1.05574	.67758	1.16506	1.21172	1.12265	1.05416	.67621
1.249	-.756	1.16529	1.21045	1.12243	1.05599	.67767	1.16542	1.21217	1.12301	1.05451	.67642
1.250	-.518	1.16475	1.20993	1.12193	1.05551	.67750	1.16497	1.21160	1.12240	1.05393	.67614
1.250	-.241	1.16452	1.20975	1.12184	1.05547	.67746	1.16446	1.21127	1.12216	1.05373	.67578
1.250	-.003	1.16504	1.21031	1.12231	1.05592	.67783	1.16501	1.21171	1.12262	1.05416	.67611
1.250	.234	1.16509	1.21016	1.12222	1.05583	.67774	1.16504	1.21163	1.12244	1.05399	.67591
1.250	.472	1.16540	1.21052	1.12253	1.05617	.67813	1.16530	1.21192	1.12272	1.05430	.67638
1.250	.709	1.16508	1.21033	1.12233	1.05600	.67793	1.16496	1.21160	1.12250	1.05407	.67603
1.250	.987	1.16517	1.21035	1.12231	1.05595	.67784	1.16496	1.21152	1.12246	1.05399	.67596
1.250	1.224	1.16513	1.21033	1.12231	1.05590	.67790	1.16490	1.21175	1.12249	1.05399	.67600
1.250	1.501	1.16487	1.21024	1.12223	1.05586	.67771	1.16465	1.21153	1.12236	1.05386	.67571
1.250	1.739	1.16501	1.21007	1.12208	1.05570	.67769	1.16491	1.21131	1.12211	1.05367	.67576
1.250	1.977	1.16526	1.21035	1.12238	1.05600	.67789	1.16506	1.21163	1.12257	1.05407	.67582
	GRADIENT	.00010	.00008	.00008	.00010	.00014	-.00009	-.00010	-.00012	-.00015	-.00015

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

MACH	PHI	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
1.400	-2.023	1.18065	1.24678	1.14883	1.07824	.68981	1.18176	1.24823	1.14895	1.07594	.68789
1.400	-1.746	1.18055	1.24679	1.14894	1.07835	.68988	1.18133	1.24782	1.14860	1.07564	.68758
1.400	-1.508	1.18066	1.24685	1.14896	1.07839	.69000	1.18147	1.24806	1.14867	1.07566	.68768
1.400	-1.231	1.18063	1.24680	1.14890	1.07835	.68990	1.18141	1.24796	1.14854	1.07558	.68748
1.400	-.993	1.18064	1.24708	1.14920	1.07865	.69016	1.18141	1.24820	1.14883	1.07583	.68769
1.400	-.756	1.18098	1.24725	1.14939	1.07878	.69030	1.18175	1.24834	1.14893	1.07587	.68774
1.400	-.518	1.18096	1.24714	1.14928	1.07870	.69022	1.18163	1.24811	1.14886	1.07592	.68774
1.400	-.241	1.18109	1.24725	1.14933	1.07875	.69028	1.18179	1.24836	1.14895	1.07592	.68776
1.400	-.003	1.18084	1.24700	1.14911	1.07856	.69006	1.18148	1.24802	1.14864	1.07560	.68745
1.400	.234	1.18038	1.24677	1.14893	1.07833	.68988	1.18101	1.24761	1.14836	1.07539	.68738
1.399	.472	1.18063	1.24680	1.14894	1.07838	.68975	1.18127	1.24781	1.14834	1.07539	.68724
1.400	.709	1.18049	1.24681	1.14891	1.07839	.68983	1.18110	1.24788	1.14842	1.07539	.68724
1.400	.987	1.18090	1.24691	1.14911	1.07860	.69022	1.18147	1.24778	1.14856	1.07565	.68768
1.400	1.224	1.18040	1.24689	1.14902	1.07852	.69003	1.18104	1.24775	1.14852	1.07552	.68740
1.400	1.462	1.18070	1.24687	1.14902	1.07853	.69007	1.18132	1.24783	1.14844	1.07543	.68737
1.400	1.739	1.18068	1.24686	1.14900	1.07851	.68996	1.18119	1.24786	1.14833	1.07530	.68718
1.399	1.977	1.18028	1.24648	1.14864	1.07808	.68964	1.18089	1.24730	1.14804	1.07506	.68700
	GRADIENT	-.00005	-.00004	-.00003	-.00001	-.00002	-.00014	-.00014	-.00015	-.00015	-.00015

IA310 (AEDC 16TF-783) PORT MISORIENT-FAIRING OFF (RCMO26) (03 OCT 91)

PARAMETRIC DATA

ALPHA = .000 BETA = .000

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

MACH	PHI	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
1.545	-2.023	.94034	1.15703	1.14925	1.06815	.67813	.94141	1.13998	1.14650	1.06422	.67950
1.545	-1.746	.94000	1.15594	1.14887	1.06767	.67781	.94101	1.13897	1.14611	1.06366	.67905
1.545	-1.469	.94113	1.15816	1.14967	1.06853	.67844	.94197	1.14025	1.14682	1.06431	.67965
1.545	-1.271	.94216	1.15680	1.14996	1.06871	.67857	.94297	1.13911	1.14705	1.06447	.67970
1.544	-.993	.94165	1.15880	1.14951	1.06817	.67812	.94236	1.14156	1.14662	1.06416	.67941
1.544	-.716	.94099	1.15813	1.14918	1.06798	.67827	.94162	1.13974	1.14608	1.06395	.67938
1.544	-.479	.94093	1.15752	1.14862	1.06746	.67776	.94173	1.13845	1.14578	1.06340	.67896
1.544	-.241	.94102	1.15799	1.14933	1.06817	.67819	.94158	1.13941	1.14646	1.06400	.67923
1.544	-.003	.94177	1.15929	1.14927	1.06808	.67818	.94234	1.14036	1.14638	1.06390	.67911
1.544	.234	.94052	1.15554	1.14891	1.06772	.67792	.94102	1.13834	1.14577	1.06330	.67875
1.544	.511	.94100	1.15677	1.14806	1.06702	.67742	.94151	1.13802	1.14492	1.06265	.67830
1.544	.749	.94010	1.15780	1.14846	1.06740	.67765	.94048	1.13884	1.14518	1.06292	.67839
1.544	.987	.94010	1.15842	1.14867	1.06745	.67781	.94049	1.14027	1.14514	1.06278	.67842
1.544	1.264	.94067	1.15769	1.14900	1.06783	.67799	.94102	1.14089	1.14542	1.06325	.67870
1.544	1.462	.94178	1.15848	1.14885	1.06776	.67793	.94191	1.13796	1.14568	1.06333	.67876
1.544	1.739	.94116	1.15736	1.14877	1.06766	.67792	.94130	1.13799	1.14523	1.06297	.67832
1.544	1.977	.94132	1.15937	1.14897	1.06788	.67831	.94145	1.14001	1.14554	1.06325	.67879
1.544	GRADIENT	.00003	.00028	-.00020	-.00017	-.00008	-.00020	-.00021	-.00039	-.00035	-.00029

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

(RCMO27) (03 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	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
.599	-2.006	.64232	.68055	.56719	.49254	.07398	.97896	1.01265	.94717	.88995	.52634
.599	-1.731	.64288	.68111	.56816	.49351	.07518	.97887	1.01262	.94715	.89002	.52634
.600	-1.496	.64240	.68025	.56751	.49295	.07561	.97760	1.01117	.94579	.88870	.52587
.599	-1.222	.64320	.68109	.56836	.49362	.07609	.97907	1.01265	.94737	.89019	.52693
.599	-.986	.64207	.67985	.56703	.49214	.07404	.97844	1.01204	.94648	.88930	.52561
.599	-.751	.64249	.68010	.56760	.49291	.07551	.97842	1.01190	.94654	.88943	.52626
.599	-.477	.64175	.67992	.56731	.49255	.07520	.97781	1.01166	.94623	.88917	.52584
.599	-.241	.64350	.68160	.56888	.49406	.07616	.98012	1.01399	.94847	.89126	.52759
.600	-.006	.64225	.68039	.56803	.49331	.07628	.97833	1.01218	.94654	.88977	.52680
.600	.229	.64325	.68138	.56886	.49416	.07607	.97832	1.01360	.94812	.89095	.52719
.599	.504	.64130	.67973	.56728	.49263	.07466	.97849	1.01210	.94665	.88946	.52598
.600	.739	.64221	.68075	.56843	.49398	.07591	.97876	1.01247	.94693	.88983	.52625
.599	.974	.64157	.68038	.56812	.49331	.07445	.97796	1.01229	.94691	.88972	.52622
.599	1.210	.64093	.67988	.56833	.49389	.07508	.97898	1.01282	.94732	.89013	.52629
.599	1.445	.64144	.68065	.56833	.49389	.07508	.97898	1.01282	.94732	.89013	.52629
.599	1.719	.64186	.68105	.56876	.49425	.07520	.97954	1.01321	.94779	.89067	.52681
.599	1.955	.64056	.68011	.56791	.49350	.07524	.97757	1.01109	.94576	.88868	.52520
	GRADIENT	-.00042	-.00004	.00018	.00026	.00004	-.00001	.00000	.00000	.00001	-.00010

RUN NO. 1300/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	PHI	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
.900	-1.967	.79002	.82497	.71457	.64018	.21114	1.09710	1.13350	1.06764	1.01058	.64410
.900	-1.732	.78996	.82497	.71460	.64023	.21111	1.09726	1.13370	1.06781	1.01077	.64429
.900	-1.496	.78995	.82496	.71459	.64016	.21138	1.09743	1.13369	1.06789	1.01084	.64446
.900	-1.261	.78984	.82486	.71445	.64000	.21114	1.09760	1.13390	1.06807	1.01098	.64443
.900	-.987	.78966	.82487	.71451	.63992	.21117	1.09771	1.13414	1.06831	1.01131	.64475
.900	-.751	.78940	.82455	.71430	.63968	.21080	1.09753	1.13391	1.06809	1.01107	.64452
.900	-.516	.78923	.82442	.71414	.63954	.21078	1.09740	1.13380	1.06794	1.01086	.64431
.900	-.241	.78947	.82454	.71431	.63970	.21123	1.09757	1.13379	1.06796	1.01098	.64454
.900	.006	.78997	.82511	.71489	.64033	.21167	1.09824	1.13447	1.06864	1.01159	.64501
.900	.229	.78923	.82430	.71420	.63966	.21104	1.09736	1.13346	1.06774	1.01072	.64430
.900	.504	.78971	.82486	.71474	.64021	.21145	1.09790	1.13413	1.06831	1.01130	.64469
.900	.739	.78931	.82454	.71436	.63995	.21091	1.09760	1.13381	1.06797	1.01097	.64433
.900	.974	.78987	.82502	.71496	.64066	.21137	1.09807	1.13441	1.06860	1.01158	.64497
.900	1.210	.78922	.82434	.71431	.64004	.21073	1.09738	1.13351	1.06773	1.01077	.64418
.900	1.445	.79003	.82505	.71512	.64091	.21169	1.09798	1.13410	1.06830	1.01135	.64494
.900	1.719	.78928	.82456	.71454	.64039	.21081	1.09735	1.13353	1.06778	1.01076	.64420
.900	1.955	.78929	.82463	.71462	.64047	.21103	1.09741	1.13359	1.06782	1.01081	.64424
	GRADIENT	-.00012	-.00006	.00006	.00013	-.00001	-.00008	.00001	.00003	.00005	.00003

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

(RCM027) (03 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	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
1.250	-2.006	1.01175	1.04841	.94417	.87324	.48364	1.29658	1.33384	1.26827	1.21202	.86807
1.250	-1.731	1.01184	1.04837	.94412	.87324	.48369	1.29698	1.33418	1.26863	1.21241	.86839
1.250	-1.496	1.01174	1.04837	.94415	.87313	.48368	1.29716	1.33435	1.26878	1.21255	.86857
1.250	-1.221	1.01170	1.04833	.94402	.87304	.48360	1.29711	1.33422	1.26871	1.21256	.86836
1.250	-.986	1.01212	1.04851	.94429	.87322	.48383	1.29744	1.33441	1.26891	1.21265	.86855
1.250	-.751	1.01140	1.04799	.94373	.87262	.48328	1.29679	1.33404	1.26849	1.21222	.86810
1.250	-.516	1.01146	1.04818	.94396	.87283	.48360	1.29689	1.33421	1.26867	1.21246	.86838
1.250	-.241	1.01129	1.04780	.94358	.87252	.48316	1.29668	1.33384	1.26821	1.21203	.86794
1.250	-.006	1.01164	1.04823	.94400	.87290	.48345	1.29721	1.33435	1.26874	1.21246	.86823
1.250	.229	1.01147	1.04812	.94390	.87289	.48350	1.29698	1.33432	1.26877	1.21251	.86821
1.250	.465	1.01144	1.04813	.94389	.87294	.48361	1.29691	1.33398	1.26846	1.21224	.86815
1.250	.739	1.01145	1.04811	.94389	.87303	.48360	1.29688	1.33388	1.26831	1.21206	.86811
1.250	.975	1.01161	1.04832	.94422	.87333	.48390	1.29710	1.33408	1.26866	1.21233	.86830
1.250	1.210	1.01113	1.04805	.94396	.87316	.48365	1.29661	1.33377	1.26829	1.21206	.86797
1.250	1.485	1.01147	1.04852	.94442	.87358	.48397	1.29695	1.33399	1.26851	1.21221	.86824
1.250	1.720	1.01120	1.04845	.94435	.87358	.48397	1.29672	1.33399	1.26848	1.21224	.86816
1.250	1.955	1.01080	1.04806	.94393	.87316	.48346	1.29643	1.33363	1.26814	1.21190	.86770
1.250	GRAIDENT	-.00018	-.00003	.00001	.00007	.00004	-.00007	-.00009	-.00007	-.00008	-.00010

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

MACH	PHI	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
1.399	-2.007	1.01982	1.07239	.96088	.88766	.49567	1.33544	1.38637	1.31173	1.24920	.88874
1.400	-1.732	1.01984	1.07278	.96115	.88788	.49589	1.33575	1.38691	1.31236	1.24974	.88932
1.400	-1.497	1.02057	1.07328	.96159	.88830	.49617	1.33681	1.38780	1.31328	1.25064	.89009
1.400	-1.261	1.01984	1.07261	.96098	.88767	.49562	1.33614	1.38704	1.31256	1.24993	.88941
1.400	-.987	1.01957	1.07219	.96056	.88729	.49517	1.33589	1.38665	1.31217	1.24960	.88915
1.399	-.752	1.02003	1.07281	.96116	.88783	.49548	1.33649	1.38747	1.31291	1.25028	.88965
1.400	-.516	1.01968	1.07247	.96085	.88756	.49555	1.33600	1.38699	1.31246	1.24992	.88947
1.400	-.242	1.01978	1.07256	.96096	.88761	.49560	1.33612	1.38711	1.31256	1.25000	.88951
1.400	-.007	1.01980	1.07258	.96100	.88773	.49584	1.33617	1.38703	1.31247	1.24994	.88956
1.400	.229	1.01965	1.07258	.96116	.88786	.49572	1.33614	1.38727	1.31281	1.25018	.88959
1.400	.464	1.01943	1.07224	.96074	.88748	.49559	1.33578	1.38661	1.31223	1.24964	.88912
1.400	.738	1.01983	1.07272	.96119	.88808	.49595	1.33626	1.38731	1.31280	1.25022	.88957
1.400	.974	1.01979	1.07249	.96109	.88804	.49601	1.33627	1.38713	1.31253	1.24995	.88940
1.400	1.209	1.01943	1.07252	.96103	.88798	.49584	1.33593	1.38701	1.31256	1.24999	.88926
1.400	1.484	1.01965	1.07268	.96126	.88829	.49603	1.33611	1.38705	1.31247	1.24999	.88934
1.400	1.719	1.01942	1.07246	.96104	.88820	.49595	1.33595	1.38687	1.31222	1.24970	.88914
1.400	1.994	1.01930	1.07240	.96095	.88813	.49586	1.33576	1.38656	1.31212	1.24947	.88883
1.400	GRAIDENT	-.00015	-.00006	.00000	.00011	.00007	-.00001	-.00003	-.00002	-.00001	-.00006

IA310 (AEDC 16TF-783) PORT MISORIENT-FAIRING OFF (RCM027) (03 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	CPB	CPC1	CPC2	CPC3	CPC1	CPC2	CPC3	CPC1	CPC4	CPC5	CPC6	CP02
1.543	-1.967	.59294	1.06767	.93919	.86818	.49269	.98780	.98780	1.38207	1.30143	1.23906	.88278	
1.544	-1.732	.58771	1.06772	.93844	.86782	.49261	.98248	.98248	1.38182	1.30132	1.23903	.88284	
1.543	-1.497	.58576	1.06656	.93656	.86628	.49136	.97910	.97910	1.37975	1.29953	1.23720	.88135	
1.544	-1.222	.58891	1.06771	.93792	.86779	.49265	.98253	.98253	1.38147	1.30095	1.23864	.88266	
1.544	-.987	.58864	1.06784	.93763	.86762	.49276	.98335	.98335	1.38137	1.30091	1.23862	.88270	
1.543	-.751	.58858	1.06683	.93771	.86664	.49147	.98369	.98369	1.38028	1.29978	1.23745	.88138	
1.544	-.477	.58866	1.06716	.93801	.86686	.49193	.98341	.98341	1.38034	1.29995	1.23757	.88170	
1.543	-.242	.58652	1.06713	.93784	.86664	.49185	.98006	.98006	1.38016	1.29968	1.23737	.88136	
1.545	-.006	.59083	1.06859	.93938	.86822	.49310	.98621	.98621	1.38193	1.30126	1.23893	.88300	
1.544	.229	.58830	1.06775	.93836	.86726	.49222	.98228	.98228	1.38085	1.30044	1.23807	.88198	
1.544	.464	.58942	1.06791	.93865	.86765	.49267	.98308	.98308	1.38097	1.30039	1.23811	.88217	
1.544	.739	.58939	1.06842	.93905	.86807	.49277	.98363	.98363	1.38171	1.30099	1.23852	.88267	
1.544	.974	.58769	1.06747	.93777	.86687	.49217	.98061	.98061	1.38001	1.29946	1.23706	.88120	
1.543	1.209	.58773	1.06712	.93739	.86651	.49159	.98081	.98081	1.37954	1.29914	1.23669	.88057	
1.544	1.445	.58832	1.06788	.93846	.86760	.49267	.98112	.98112	1.38062	1.30008	1.23776	.88178	
1.543	1.719	.58889	1.06751	.93801	.86731	.49247	.98211	.98211	1.37992	1.29934	1.23697	.88114	
1.544	1.994	.58840	1.06763	.93847	.86775	.49309	.98115	.98115	1.38031	1.29972	1.23736	.88155	
	GRADIENT	-.00016	.00009	.00006	-.00002	.00008	-.00061	-.00061	-.00031	-.00034	-.00035	-.00030	

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

(RCM029) (03 OCT 91)

PARAMETRIC DATA

ALPHA = .000 BETA = 4.000

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

MACH	PHI	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
1.543	88.025	.80155	1.25908	1.12485	1.05424	.67623	.79560	1.24999	1.11040	1.03924	.66111
1.543	88.263	.79820	1.25535	1.12440	1.05408	.67626	.79458	1.24593	1.11073	1.03987	.66210
1.544	88.502	.79914	1.25845	1.12422	1.05363	.67538	.79598	1.25053	1.11146	1.04038	.66219
1.543	88.740	.79890	1.25654	1.12350	1.05299	.67501	.79616	1.24825	1.11074	1.03982	.66208
1.543	89.018	.79739	1.25641	1.12267	1.05211	.67398	.79569	1.24916	1.11136	1.04045	.66260
1.544	89.256	.79869	1.25784	1.12306	1.05244	.67408	.79776	1.25155	1.11255	1.04151	.66327
1.543	89.494	.79835	1.25860	1.12237	1.05155	.67311	.79804	1.25290	1.11252	1.04140	.66311
1.543	89.772	.79709	1.25646	1.12126	1.05052	.67215	.79785	1.25118	1.11232	1.04137	.66328
1.544	90.010	.79813	1.25770	1.12194	1.05119	.67272	.79914	1.25284	1.11390	1.04294	.66483
1.543	90.288	.79814	1.25672	1.12120	1.05043	.67206	.79966	1.25189	1.11304	1.04213	.66412
1.544	90.764	.79668	1.25695	1.12082	1.04994	.67139	.79890	1.25281	1.11377	1.04281	.66482
1.544	90.764	.79561	1.25366	1.12034	1.04979	.67147	.79914	1.24930	1.11449	1.04387	.66629
1.543	91.042	.79661	1.25628	1.12017	1.04931	.67068	.80059	1.25210	1.11439	1.04355	.66571
1.543	91.280	.79564	1.25524	1.11978	1.04897	.67042	.80067	1.25210	1.11493	1.04420	.66637
1.543	91.519	.79653	1.25542	1.11905	1.04810	.66953	.80224	1.25316	1.11545	1.04468	.66697
1.543	91.757	.79436	1.25434	1.11865	1.04778	.66919	.79992	1.25208	1.11563	1.04503	.66736
1.543	92.035	.79426	1.25458	1.11828	1.04736	.66861	.80054	1.25285	1.11567	1.04501	.66712
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

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

(RCM030) (03 OCT 91)

PARAMETRIC DATA

BETA = -4.000 PHI = 180.000

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

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
.598	-8.099	.60973	.65121	.54587	.47610	.06143	.95800	.98861	.92902	.87380	.51573
.600	-7.097	.63743	.67746	.57561	.50562	.09131	.94090	.97362	.91036	.85308	.48790
.599	-6.117	.66169	.70159	.60190	.53215	.11774	.92428	.95945	.89257	.83322	.46150
.600	-5.142	.68611	.72644	.62890	.55972	.14628	.90660	.94271	.87249	.81230	.43502
.600	-4.164	.71024	.75086	.65491	.58651	.17460	.88808	.92604	.85278	.79097	.40870
.601	-3.198	.73264	.77333	.67978	.61179	.20224	.86867	.90786	.83158	.76836	.38156
.601	-2.235	.75403	.79469	.70351	.63579	.22853	.84843	.88881	.80986	.74527	.35992
.600	-1.264	.77722	.81690	.72840	.66135	.25703	.82850	.86970	.78842	.72180	.32701
.601	-.275	.79731	.83619	.75141	.68485	.28496	.80590	.84740	.76324	.69571	.29822
.600	.716	.81561	.85413	.77205	.70588	.30882	.78227	.82403	.73714	.66854	.26737
.600	1.739	.83897	.87627	.79737	.73217	.33979	.76169	.80323	.71391	.64431	.24112
	GRADIENT	.02165	.02106	.02399	.02451	.02782	-.02162	-.02101	-.02372	-.02507	-.02861

(RCM030) (03 OCT 91)

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

PARAMETRIC DATA

BETA = -4.000 PHI = 180.000

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

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPC01	CPU	CPC4	CPC5	CPC6	CPC02
.800	-8.063	.69764	.73617	.63013	.55849	.12442	1.02863	1.06090	.99964	.94420	.57788
.799	-7.056	.72275	.76104	.65778	.58619	.15211	1.01276	1.04753	.98256	.92493	.55061
.800	-6.067	.74613	.78493	.68369	.61318	.18084	.99574	1.03266	.96444	.90495	.52439
.800	-5.088	.76961	.80917	.70993	.63978	.20904	.97858	1.01734	.94556	.88402	.49757
.800	-4.103	.79269	.83238	.73544	.66570	.23836	.96077	1.00067	.92595	.86241	.47040
.800	-3.132	.81414	.85480	.76037	.69074	.26635	.94273	.98380	.90575	.84076	.44337
.800	-2.158	.83562	.87620	.78432	.71523	.29483	.92329	.96519	.88443	.81804	.41577
.800	-1.185	.85636	.89719	.80791	.73970	.32292	.90368	.94593	.86227	.79508	.38842
.800	-.188	.87557	.91670	.82997	.76255	.35045	.88254	.92512	.83863	.77039	.36002
.800	.802	.89571	.93625	.85238	.78550	.37816	.86105	.90343	.81457	.74514	.33090
.800	1.818	.91550	.95470	.87405	.80804	.40647	.83900	.88087	.78970	.71894	.30152
	GRADIENT	.02070	.02066	.02338	.02405	.02838	-.02063	-.02030	-.02308	-.02425	-.02853

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

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPC01	CPU	CPC4	CPC5	CPC6	CPC02
.900	-8.058	.76306	.79975	.69574	.62544	.20099	1.07887	1.11183	1.05071	.99613	.63481
.900	-7.048	.78662	.82412	.72259	.65249	.22880	1.06306	1.09859	1.03389	.97728	.60856
.899	-6.066	.80763	.84594	.74661	.67683	.25472	1.04538	1.08273	1.01490	.95638	.58161
.900	-5.081	.83099	.87046	.77288	.70409	.28338	1.02998	1.06920	.99842	.93768	.55721
.900	-4.105	.85321	.89288	.79743	.72920	.31056	1.01324	1.05420	.97975	.91744	.53098
.900	-3.133	.87329	.91357	.82044	.75252	.33618	.99589	1.03732	.96002	.89619	.50462
.900	-2.163	.89381	.93429	.84392	.77601	.36320	.97761	1.01984	.93969	.87475	.47854
.900	-1.192	.91292	.95370	.86586	.79843	.38924	.95834	1.00081	.91785	.85199	.45181
.900	-.197	.93221	.97314	.88795	.82146	.41627	.93846	.98099	.89570	.82871	.42487
.900	.789	.95110	.99155	.90923	.84352	.44307	.91804	.96033	.87251	.80434	.39664
.900	1.806	.96960	1.00955	.93007	.86517	.46951	.89641	.93832	.84817	.77891	.36763
	GRADIENT	.01972	.01978	.02249	.02306	.02700	-.01980	-.01963	-.02229	-.02343	-.02758

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

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPC01	CPU	CPC4	CPC5	CPC6	CPC02
1.098	-8.001	.92048	.95389	.85761	.79215	.40701	1.20480	1.23594	1.17917	1.12728	.79524
1.099	-6.974	.94273	.97686	.88292	.81771	.43320	1.19037	1.22354	1.16340	1.10947	.77119
1.100	-5.985	.96332	.99825	.90637	.84097	.45793	1.17610	1.21098	1.14794	1.09243	.74826
1.100	-4.996	.98305	1.01959	.92934	.86426	.48248	1.16059	1.19724	1.13126	1.07394	.72417
1.101	-4.007	1.00247	1.03953	.95091	.88663	.50621	1.14412	1.18215	1.11321	1.05471	.69961
1.101	-3.022	1.02096	1.05884	.97240	.90842	.52960	1.12753	1.16672	1.09474	1.03507	.67598
1.100	-2.040	1.03984	1.07706	.99313	.92965	.55297	1.11101	1.15045	1.07603	1.01516	.65213
1.100	-1.036	1.05829	1.09573	1.01459	.95123	.57810	1.09318	1.13289	1.05590	.99366	.62672
1.100	-.075	1.07502	1.11251	1.03367	.97092	.60117	1.07582	1.11541	1.03639	.97283	.60260
1.100	.932	1.09305	1.13073	1.05411	.99194	.62638	1.05824	1.09738	1.01600	.95144	.57820
1.100	1.936	1.10995	1.14725	1.07294	1.01241	.65018	1.03908	1.07785	.99382	.92855	.55245
	GRADIENT	.01832	.01841	.02078	.02134	.02425	-.01749	-.01723	-.01978	-.02098	-.02474

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

(RCM030) (03 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	CPC1	CPC2	CPC3	CPC01	CPU	CPC4	CPC5	CPC6	CPC02
1.249	-8.047	1.02691	.92711	.85969	.47459	1.28111	1.31504	1.25426	1.20007	.86098
1.250	-7.037	1.00968	.95190	.88455	.49340	1.26638	1.30305	1.23906	1.18281	.83746
1.250	-6.046	1.02936	.97395	.90759	.52272	1.25036	1.28925	1.22178	1.16374	.81346
1.250	-5.062	1.09001	.99571	.92962	.54567	1.23412	1.27405	1.20302	1.14400	.78942
1.250	-4.083	1.06912	1.11137	.95243	.57033	1.21749	1.25869	1.18594	1.12570	.76649
1.250	-3.106	1.08721	1.12986	.97372	.59351	1.19940	1.24220	1.16697	1.10520	.74255
1.250	-2.129	1.10518	1.14816	.99491	.61720	1.18194	1.22581	1.14806	1.08495	.71899
1.250	-1.148	1.16560	1.08018	1.01550	.64023	1.16385	1.20825	1.12796	1.06415	.69496
1.250	-.153	1.14131	1.18409	1.03686	.66431	1.14579	1.19006	1.10742	1.04264	.67075
1.250	.842	1.15871	1.20103	1.05701	.68756	1.12672	1.17073	1.08572	1.02030	.64572
1.250	1.853	1.17724	1.21875	1.07803	.71217	1.10773	1.15118	1.06416	.99774	.62098
	GRADIENT	.01819	.02052	.02114	.02387	-.01845	-.01811	-.02054	-.02153	-.02451

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

MACH	ALPHA	CPC1	CPC2	CPC3	CPC01	CPU	CPC4	CPC5	CPC6	CPC02
1.400	-8.008	1.05268	.94515	.87569	.49058	1.31675	1.36400	1.29438	1.23416	.88067
1.400	-7.026	1.07535	.96931	.89914	.51282	1.30046	1.35069	1.27747	1.21551	.85710
1.400	-6.038	1.09762	.99315	.92266	.53575	1.28269	1.33547	1.25933	1.19650	.83298
1.400	-5.051	1.11790	1.01541	.94541	.55857	1.26214	1.31798	1.23939	1.17523	.80726
1.400	-4.068	1.13928	1.03893	.96924	.58262	1.24229	1.30216	1.22032	1.15437	.78294
1.400	-3.089	1.15916	1.06107	.99142	.60560	1.22250	1.28391	1.19962	1.13245	.75823
1.400	-2.113	1.17958	1.08354	1.01369	.62890	1.20352	1.26583	1.17912	1.11081	.73379
1.400	-1.135	1.13782	1.19954	1.03641	.65271	1.18401	1.24712	1.15790	1.08916	.70887
1.400	-.134	1.21835	1.12675	1.05813	.67672	1.16266	1.22630	1.13482	1.06556	.68291
1.400	.856	1.17697	1.14817	1.07997	.70144	1.14140	1.20550	1.11200	1.04189	.65766
1.400	1.871	1.19811	1.25675	1.10314	.72723	1.12076	1.18442	1.08944	1.01815	.63264
	GRADIENT	.02013	.01977	.02212	.02432	-.02050	-.01985	-.02211	-.02294	-.02539

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

MACH	ALPHA	CPC1	CPC2	CPC3	CPC01	CPU	CPC4	CPC5	CPC6	CPC02
1.449	-8.093	1.05151	.94210	.87280	.49208	1.31935	1.37581	1.30376	1.24255	.88774
1.450	-7.082	1.07507	.96707	.89761	.51328	1.29835	1.36089	1.28458	1.22175	.86308
1.450	-6.101	1.09710	.99100	.92134	.53497	1.27796	1.34339	1.26418	1.20068	.83808
1.450	-5.120	1.11864	1.01465	.94483	.55765	1.25624	1.32493	1.24475	1.17997	.81328
1.450	-4.148	1.13975	1.03794	.96816	.58124	1.23423	1.30882	1.22601	1.15959	.78859
1.450	-3.177	1.15946	1.05967	.99044	.60443	1.21338	1.29201	1.20475	1.13695	.76307
1.450	-2.212	1.09848	1.08128	1.01239	.62756	1.19208	1.27275	1.18233	1.11372	.73739
1.450	-1.242	1.20122	1.12046	1.03577	.65239	1.17216	1.25335	1.16090	1.09127	.71318
1.450	-.246	1.22197	1.12786	1.05870	.67769	1.15040	1.23273	1.13879	1.06799	.68777
1.450	.742	1.24069	1.14942	1.08053	.70237	1.12779	1.21064	1.11503	1.04179	.66179
1.450	1.764	1.18408	1.26049	1.10407	.72890	1.10511	1.18904	1.09106	1.02015	.63685
	GRADIENT	.02115	.02278	.02303	.02502	-.02179	-.02041	-.02280	-.02359	-.02568

(RCMO30) (03 OCT 91)

PARAMETRIC DATA

BETA = -4.000 PHI = 180.000

RUN NO. 1433/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
1.471	-8.080	.95345	1.04910	.93790	.86890	.48482	1.30431	1.37242	1.29831	1.23537	.87930
1.471	-7.070	.97237	1.07342	.96419	.89445	.50863	1.28162	1.35810	1.27848	1.21436	.85435
1.471	-6.089	.99054	1.09583	.98910	.91868	.53073	1.25853	1.33943	1.25775	1.19330	.82914
1.471	-5.106	1.00884	1.11762	1.01280	.94268	.55315	1.23228	1.32103	1.23722	1.17164	.80403
1.470	-4.134	1.02627	1.13797	1.03549	.96573	.57516	1.20663	1.30259	1.21596	1.14854	.77862
1.471	-3.162	1.04553	1.15889	1.05803	.98858	.59850	1.18413	1.28556	1.19641	1.12797	.75556
1.470	-2.193	1.06487	1.17852	1.07930	1.00971	.62190	1.15978	1.26528	1.17367	1.10508	.72986
1.471	-1.225	1.08389	1.19788	1.10048	1.03144	.64541	1.13623	1.24602	1.15195	1.08283	.70501
1.470	-.227	1.10498	1.21683	1.12166	1.05379	.67001	1.11336	1.22582	1.12976	1.05969	.67910
1.470	.765	1.12751	1.23596	1.14338	1.07583	.69477	1.09195	1.20515	1.10752	1.03705	.65413
1.470	1.785	1.15072	1.25533	1.16512	1.09799	.72001	1.07014	1.18330	1.08462	1.01328	.62972
GRADIENT		.02095	.01974	.02183	.02232	.02449	-.02321	-.02024	-.02233	-.02296	-.02539

RUN NO. 1400/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
1.495	-8.080	.93412	1.05288	.94109	.87273	.49051	1.29490	1.37791	1.30336	1.24088	.88455
1.495	-7.064	.94833	1.07696	.96698	.89786	.51407	1.26657	1.36258	1.28387	1.22002	.85941
1.496	-6.080	.95910	1.09846	.99077	.92095	.53570	1.23775	1.34534	1.26321	1.19902	.83413
1.495	-5.097	.96890	1.12101	1.01479	.94485	.55750	1.21045	1.32580	1.24164	1.17689	.80782
1.495	-4.121	.98391	1.14297	1.03851	.96887	.58039	1.17415	1.30810	1.22179	1.15545	.78285
1.495	-3.152	.99942	1.16433	1.06180	.99257	.60403	1.14409	1.29024	1.20177	1.13381	.75832
1.495	-2.183	1.01393	1.18416	1.08349	1.01431	.62673	1.11469	1.27188	1.18041	1.11171	.73336
1.496	-1.209	1.03361	1.20442	1.10562	1.03684	.65129	1.08948	1.25317	1.15874	1.08912	.70882
1.496	-.214	1.05389	1.22299	1.12673	1.05904	.67610	1.06368	1.23232	1.13548	1.06516	.68306
1.496	.780	1.07942	1.24316	1.14928	1.08192	.70184	1.04161	1.21123	1.11232	1.04108	.65820
1.495	1.800	1.10603	1.26217	1.17087	1.10348	.72633	1.02043	1.18811	1.08775	1.01576	.63246
GRADIENT		.02054	.02007	.02229	.02273	.02474	-.02597	-.02021	-.02269	-.02360	-.02543

RUN NO. 1421/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
1.517	-8.074	.81476	1.04652	.93458	.86681	.48587	1.21575	1.37261	1.29843	1.23734	.88262
1.521	-7.062	.75022	1.07330	.96034	.89180	.51058	1.12680	1.36022	1.27989	1.21603	.85665
1.520	-6.081	.75279	1.09701	.98382	.91539	.53326	1.07947	1.34219	1.25830	1.19352	.83142
1.518	-5.103	.75902	1.11981	1.00676	.93763	.55496	1.03426	1.32049	1.23545	1.17049	.80512
1.519	-4.122	.75452	1.14176	1.02954	.96057	.57739	.97879	1.30148	1.21522	1.14938	.78036
1.529	-3.154	.75292	1.16107	1.05082	.98219	.59970	.92698	1.28372	1.19408	1.12722	.75482
1.519	-2.182	.76472	1.17969	1.07200	1.00355	.62364	.88616	1.26528	1.17217	1.10427	.72987
1.518	-1.207	.78406	1.19771	1.09363	1.02527	.64594	.85162	1.24531	1.14924	1.07991	.70443
1.518	-.213	.80645	1.21663	1.11671	1.04854	.66988	.81991	1.22529	1.12639	1.05757	.67901
1.518	.779	.84120	1.23465	1.13912	1.07181	.69432	.80025	1.20446	1.10263	1.03177	.65357
1.519	1.799	.87580	1.25277	1.16130	1.09536	.71986	.77845	1.18350	1.07822	1.00711	.62824
GRADIENT		.02114	.01873	.02234	.02278	.02406	-.03331	-.02002	-.02318	-.02414	-.02571

IA310 (AEDC 16TF-783) FAIRING-OFF DATABASE (RCM030) (03 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	CPB	CPC1	CPC2	CPC3	CPC4	CPC5	CPC6	CPO2
1.543	-8.078	.60301	1.04154	.92273	.85517	.48139	1.01823	1.36488	1.22843
1.543	-7.069	.61277	1.06897	.94817	.87911	.50328	.95974	1.34548	1.20489
1.543	-5.101	.64700	1.12065	.99680	.92545	.54965	.89264	1.30963	1.16016
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

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

(RCM031) (03 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	CPB	CPC1	CPC2	CPC3	CPC4	CPC5	CPC6	CPO2
1.517	-8.074	.82413	1.04012	.92943	.86211	.48180	1.21997	1.36696	.88015
1.517	-7.066	.80330	1.06365	.95350	.88568	.50606	1.16528	1.34986	.85388
1.516	-6.081	.79498	1.08407	.97540	.90761	.52728	1.11279	1.33056	.82738
1.516	-5.103	.79195	1.10731	.99851	.93052	.54909	1.06219	1.31380	.80220
1.517	-4.124	.80350	1.13014	1.02195	.95382	.57145	1.02410	1.29538	.77712
1.517	-3.155	.81835	1.15033	1.04402	.97592	.59395	.98672	1.27510	.75173
1.516	-2.182	.82794	1.16936	1.06609	.99815	.61676	.94585	1.25682	.72733
1.516	-1.210	.84597	1.18871	1.08822	1.02095	.64043	.91093	1.23750	.70247
1.517	-.211	.87060	1.20908	1.11139	1.04441	.66572	.88077	1.21784	.67785
1.516	.780	.89931	1.22689	1.13222	1.06560	.68886	.85443	1.19500	.65090
1.516	GRADIENT	.93646	1.24623	1.15481	1.08826	.71385	.83877	1.17322	.62453
		.02190	.01960	.02247	.02278	.02413	-.03204	-.02049	-.02568

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

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPC4	CPC5	CPC6	CPO2
1.542	-8.071	.60131	1.04048	.92138	.85395	.47889	1.01203	1.36286	.87036
1.543	-7.065	.61216	1.06832	.94771	.87852	.50214	.95784	1.34462	.84464
1.542	-6.079	.62345	1.09352	.97161	.90142	.52530	.92031	1.32642	.81949
1.542	-5.097	.64550	1.11934	.99580	.92435	.54896	.89090	1.30811	.79307
1.543	-4.125	.67143	1.14326	1.02060	.94795	.57208	.86415	1.29406	.76813
1.542	-3.153	.70162	1.16726	1.04344	.97056	.59405	.84277	1.28177	.74285
1.542	-2.182	.73830	1.19313	1.06562	.99297	.61577	.83383	1.27445	.71819
1.542	-1.210	.78218	1.22538	1.08811	1.01605	.63904	.83344	1.27336	.69350
1.543	-.213	.81471	1.25725	1.10949	1.03871	.66257	.82333	1.14047	.66735
1.542	.781	.82078	1.26239	1.12889	1.06034	.68647	.78479	1.24076	.64152
1.543	GRADIENT	.81823	1.26009	1.14938	1.08365	.71204	.73238	1.20622	.61729
		.02729	.02187	.02177	.02291	.02361	-.01907	-.01279	-.02558

(RCMO32) (03 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	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
.599	-8.031	.62332	.66191	.55616	.48184	.07069	.96422	.99557	.93342	.87708	.51668
.600	-7.070	.68931	.68442	.51038	.51038	.09935	.95006	.98372	.91786	.85933	.49239
.600	-6.088	.67523	.71509	.61188	.53841	.12691	.93398	.96921	.89978	.83948	.46607
.600	-5.106	.70192	.74219	.64083	.56800	.15668	.91816	.95489	.88188	.82027	.44019
.601	-4.134	.72354	.76413	.66494	.59368	.18285	.89822	.93656	.86066	.79780	.41329
.601	-3.169	.74684	.78729	.69006	.61909	.20996	.87976	.91939	.84036	.77602	.38621
.601	-2.214	.76892	.80912	.71472	.64463	.23719	.86005	.90121	.81934	.75376	.35976
.601	-1.261	.79054	.82922	.73868	.66905	.26456	.84110	.88246	.79802	.73117	.33341
.601	-.285	.80943	.84855	.76077	.69181	.29115	.81906	.86120	.77428	.70571	.30527
.600	.713	.83091	.86946	.78442	.71621	.31842	.79868	.83988	.75002	.68035	.27611
.601	1.751	.85014	.88816	.80630	.73974	.34675	.77382	.81457	.72215	.65131	.24561
GRADIENT		.02151	.02105	.02408	.02484	.02788	-.02108	-.02067	-.02346	-.02484	-.02845

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

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
.799	-8.047	.70995	.74705	.63878	.56298	.13163	1.03742	1.07116	1.00766	.95093	.58231
.800	-7.036	.73513	.77376	.66731	.59179	.16063	1.02166	1.05739	.98998	.93133	.55480
.800	-6.046	.75962	.79934	.69424	.61996	.18945	1.00626	1.04435	.97336	.91279	.52966
.800	-5.059	.78298	.82254	.72008	.64666	.21767	.98852	1.02807	.95365	.89135	.50241
.800	-4.081	.80602	.84633	.74602	.67355	.24634	.97128	1.01216	.93467	.87036	.47573
.800	-3.109	.82752	.86806	.77041	.69793	.27422	.95300	.99486	.91472	.84881	.44904
.800	-2.144	.84842	.88946	.79447	.72308	.30106	.93467	.97730	.89401	.82668	.42159
.800	-1.182	.86846	.90934	.81724	.74736	.32855	.91485	.95813	.87204	.80361	.39409
.800	-.200	.88826	.92940	.83996	.77078	.35589	.89497	.93802	.84892	.77951	.36633
.800	.797	.90737	.94832	.86168	.79316	.38379	.87413	.91614	.82493	.75420	.33755
.800	1.824	.92717	.96712	.88394	.81644	.41254	.85130	.89285	.79886	.72702	.30712
GRADIENT		.02049	.02048	.02336	.02427	.02812	-.02030	-.02020	-.02302	-.02427	-.02855

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

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
.900	-8.078	.77417	.80996	.70414	.62978	.20537	1.08759	1.12197	1.05862	1.00308	.63966
.900	-7.025	.79829	.83632	.73175	.65783	.23404	1.07183	1.10847	1.04152	.98384	.61275
.899	-6.037	.82006	.85941	.75668	.68335	.26055	1.05559	1.09422	1.02392	.96431	.58729
.900	-5.053	.84317	.88316	.78258	.71066	.28848	1.03963	1.07970	1.00603	.94450	.56162
.900	-4.082	.86425	.90431	.80589	.73562	.31481	1.02192	1.06327	.98677	.92334	.53475
.900	-3.110	.88513	.92568	.83001	.75923	.34171	1.00530	1.04762	.96805	.90326	.50959
.900	-2.146	.90555	.94593	.85345	.78371	.36862	.98710	1.03011	.94779	.88188	.48336
.900	-1.188	.92407	.96510	.87513	.80593	.39449	.96855	1.01202	.92679	.85989	.45732
.900	-.208	.94255	.98380	.89621	.82834	.42013	.94870	.99194	.90416	.83608	.42933
.900	.783	.96107	1.00227	.91749	.85027	.44672	.92899	.97135	.88130	.81164	.40154
.900	1.810	.98019	1.02046	.93883	.87268	.47376	.90777	.94947	.85681	.78607	.37190
.899	GRADIENT	.01958	.01968	.02249	.02327	.02694	-.01947	-.01943	-.02216	-.02339	-.02769

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

(RCM032) (03 OCT 91)

PARAMETRIC DATA

BETA = -3.000 PHI = 180.000

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

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPC01	CPU	CPC4	CPC5	CPC6	CPC02
1.099	-8.036	.93030	.96347	.86485	.79572	.41126	1.21277	1.24526	1.18674	1.13407	.80037
1.100	-6.965	.95375	.98836	.89133	.82246	.43821	1.19941	1.23355	1.17137	1.11658	.77649
1.100	-5.978	.97291	1.00930	.91376	.84501	.46207	1.18406	1.22016	1.15502	1.09852	.75233
1.101	-4.983	.99304	1.03019	.93689	.86892	.48667	1.16855	1.20632	1.13801	1.07997	.72816
1.100	-3.997	1.01241	1.05009	.95846	.89205	.51034	1.15276	1.19173	1.12048	1.06119	.70397
1.100	-3.011	1.03130	1.06900	.97988	.91397	.53369	1.13669	1.17659	1.10247	1.04194	.68061
1.100	-2.033	1.04996	1.08739	1.00126	.93623	.55793	1.11976	1.15998	1.08315	1.02149	.65615
1.100	-1.052	1.06784	1.10587	1.02228	.95803	.58259	1.10240	1.14292	1.06381	1.00072	.63134
1.099	-.054	1.08438	1.12330	1.04168	.97795	.60589	1.08455	1.12475	1.04354	.97891	.60616
1.100	.925	1.10170	1.14031	1.06117	.99801	.62986	1.06834	1.10753	1.02394	.95825	.58276
1.100	1.921	1.11911	1.15754	1.08084	1.01923	.65452	1.05018	1.08878	1.00244	.93606	.55754
GRADIENT		.01819	.01841	.02087	.02169	.02432	-.01721	-.01711	-.01966	-.02092	-.02474

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

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPC01	CPU	CPC4	CPC5	CPC6	CPC02
1.250	-8.037	.99913	1.03752	.93566	.86448	.47990	1.28906	1.32430	1.26191	1.20687	.86509
1.250	-7.016	1.01909	1.05968	.95825	.88835	.50312	1.27352	1.31144	1.24504	1.18757	.84011
1.250	-6.028	1.03942	1.08098	.98142	.91181	.52707	1.25830	1.29805	1.22796	1.16890	.81696
1.250	-5.043	1.05943	1.10207	1.00447	.93575	.55106	1.24196	1.28238	1.20974	1.15004	.79310
1.250	-4.065	1.07756	1.12041	1.02563	.95722	.57411	1.22358	1.26657	1.19173	1.13058	.76898
1.250	-3.086	1.09630	1.13958	1.04729	.97982	.59818	1.20721	1.25182	1.17424	1.11151	.74643
1.250	-2.115	1.11533	1.15822	1.06796	1.00128	.62173	1.19050	1.23514	1.15502	1.09114	.72258
1.250	-1.149	1.13314	1.17653	1.08850	1.02261	.64540	1.17323	1.21800	1.13559	1.07064	.69955
1.250	-.160	1.15080	1.19421	1.10856	1.04312	.66829	1.15501	1.19964	1.11476	1.04901	.67523
1.250	.833	1.16833	1.21160	1.12869	1.06348	.69167	1.13691	1.18096	1.09355	1.02702	.65043
1.250	1.859	1.18560	1.22850	1.14846	1.08423	.71591	1.11743	1.16065	1.07124	1.00346	.62482
GRADIENT		.01827	.01829	.02074	.02141	.02390	-.01794	-.01796	-.02043	-.02150	-.02437

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

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPC01	CPU	CPC4	CPC5	CPC6	CPC02
1.400	-8.024	1.00613	1.06313	.95286	.87954	.49434	1.32542	1.37382	1.30207	1.24097	.88554
1.400	-7.012	1.02691	1.08715	.97752	.90473	.51725	1.30802	1.35940	1.28401	1.22140	.86089
1.400	-6.022	1.04677	1.10855	1.00105	.92796	.53971	1.28932	1.34365	1.26573	1.20184	.83647
1.400	-5.035	1.06713	1.12899	1.02434	.95268	.56368	1.26891	1.32754	1.24620	1.18080	.81125
1.400	-4.052	1.08726	1.14914	1.04654	.97526	.58641	1.24952	1.31046	1.22594	1.15915	.78625
1.400	-3.074	1.10756	1.17003	1.06930	.99788	.60950	1.23044	1.29276	1.20559	1.13788	.76177
1.400	-2.101	1.12758	1.19002	1.09157	1.02044	.63281	1.21095	1.27402	1.18507	1.11624	.73714
1.400	-1.133	1.14696	1.20971	1.11286	1.04276	.65634	1.19161	1.25488	1.16382	1.09438	.71203
1.400	-.146	1.16664	1.22882	1.13487	1.06560	.68121	1.17190	1.23615	1.14229	1.07178	.68781
1.400	.846	1.18563	1.24705	1.15537	1.08641	.70473	1.15096	1.21519	1.11938	1.04774	.66162
1.400	1.876	1.20569	1.26633	1.17740	1.10848	.73046	1.12965	1.19346	1.09578	1.02338	.63569
GRADIENT		.01996	.01974	.02205	.02255	.02433	-.02022	-.01973	-.02197	-.02292	-.02543

(RCM032) (03 OCT 91)

PARAMETRIC DATA

BETA = -3.000 PHI = 180.000

RUN NO. 1389/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPC01	CPU	CPC4	CPC5	CPC6	CPC02
1.450	-8.066	.98869	1.06310	.95094	.87863	.49693	1.32643	1.38454	1.31012	1.24785	.89214
1.451	-7.052	1.00911	1.08705	.97541	.90374	.51763	1.30492	1.36824	1.28958	1.22663	.86658
1.450	-6.070	1.02849	1.10949	.99927	.92377	.53893	1.28487	1.35144	1.27115	1.20721	.84244
1.450	-5.086	1.04812	1.12930	1.02298	.95105	.56171	1.26127	1.33359	1.25143	1.18508	.81646
1.450	-4.118	1.06668	1.14901	1.04444	.97305	.58418	1.23962	1.31743	1.23040	1.16245	.79084
1.449	-3.146	1.08676	1.16975	1.06654	.99545	.60745	1.22069	1.29972	1.20923	1.14105	.76592
1.450	-2.194	1.10826	1.19237	1.09062	1.01982	.63209	1.20036	1.28045	1.18840	1.11988	.74172
1.450	-1.241	1.12760	1.21295	1.11374	1.04317	.65636	1.17812	1.26113	1.16709	1.09702	.71686
1.450	-.259	1.14851	1.23253	1.13629	1.06618	.68166	1.15703	1.24081	1.14531	1.07345	.69218
1.450	.741	1.16885	1.25074	1.15695	1.08711	.70585	1.13557	1.21979	1.12186	1.04925	.66564
1.450	1.777	1.19132	1.27075	1.17955	1.11072	.73293	1.11438	1.19932	1.09896	1.02574	.64029
	GRADIENT	.02111	.02070	.02306	.02346	.02529	-.02151	-.02022	-.02235	-.02337	-.02562

RUN NO. 1434/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPC01	CPU	CPC4	CPC5	CPC6	CPC02
1.470	-8.056	.96197	1.06101	.94654	.87391	.49034	1.30996	1.38182	1.30450	1.24019	.88250
1.471	-7.049	.97935	1.08515	.97167	.89956	.51312	1.28722	1.36537	1.28366	1.21910	.85693
1.471	-6.062	.99743	1.10683	.99650	.92417	.53444	1.26245	1.34733	1.26377	1.19809	.83167
1.471	-5.079	1.01467	1.12790	1.02043	.94885	.55690	1.23629	1.32965	1.24338	1.17650	.80709
1.471	-4.102	1.03330	1.14916	1.04349	.97257	.58020	1.21190	1.31174	1.22257	1.15452	.78296
1.470	-3.136	1.05184	1.16939	1.06533	.99447	.60223	1.18822	1.29327	1.20170	1.13255	.75854
1.470	-2.174	1.06979	1.18917	1.08684	1.01616	.62564	1.16330	1.27393	1.17948	1.11004	.73319
1.470	-1.219	1.08915	1.20761	1.10754	.64926	.64741	1.14054	1.25411	1.15743	1.08721	.70821
1.471	-.238	1.11028	1.22742	1.12960	1.06064	.67411	1.11871	1.23570	1.13665	1.06525	.68377
1.471	.757	1.13160	1.24560	1.15014	1.08194	.69820	1.09681	1.21485	1.11400	1.04159	.65779
1.471	1.796	1.15581	1.26501	1.17257	1.10464	.72479	1.07604	1.19331	1.09187	1.01868	.63343
	GRADIENT	.02071	.01962	.02187	.02245	.02459	-.02315	-.02008	-.02226	-.02313	-.02554

RUN NO. 1401/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPC01	CPU	CPC4	CPC5	CPC6	CPC02
1.496	-8.059	.94057	1.06491	.94969	.87758	.49605	1.29889	1.38744	1.31022	1.24666	.88811
1.496	-7.038	.95288	1.08949	.97550	.90364	.51958	1.27037	1.37134	1.29001	1.22538	.86247
1.495	-6.053	.96055	1.11048	.99997	.92751	.53999	1.23831	1.35292	1.26909	1.20426	.83640
1.496	-5.073	.97109	1.13382	1.02371	.95206	.56212	1.20467	1.33518	1.24915	1.18314	.81086
1.495	-4.096	.98274	1.15517	1.04652	.97547	.58454	1.17151	1.31768	1.22829	1.16034	.78531
1.495	-3.128	.99838	1.17660	1.06954	.99869	.60779	1.14359	1.30068	1.20820	1.13906	.76166
1.495	-2.164	1.01086	1.19614	1.09127	1.02079	.63109	1.11141	1.28077	1.18612	1.11595	.73675
1.495	-1.205	1.02682	1.21480	1.11288	1.04292	.65543	1.08302	1.26154	1.16480	1.09380	.71207
1.496	-.224	1.04726	1.23361	1.13411	1.06531	.68046	1.05771	1.24208	1.14262	1.07086	.68728
1.495	.773	1.07302	1.25184	1.15482	1.08646	.70395	1.03693	1.22179	1.11998	1.04698	.66184
1.496	1.807	1.10292	1.27204	1.17761	1.10944	.72951	1.01816	1.20022	1.09624	1.02224	.63603
	GRADIENT	.01993	.01962	.02210	.02265	.02465	-.02645	-.02000	-.02245	-.02345	-.02539

(RCM032) (03 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	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
1.515	-8.053	.82578	1.04806	.93584	.86670	.48466	1.21810	1.37032	1.29477	1.23430	.88086
1.516	-7.041	.80099	1.07318	.96081	.89131	.51042	1.16041	1.35611	1.27744	1.21481	.85602
1.516	-6.059	.78727	1.09753	.98354	.91400	.53197	1.10512	1.33996	1.25778	1.19301	.83055
1.516	-5.074	.78720	1.12126	1.00585	.93618	.55300	1.05658	1.32140	1.23541	1.17104	.80467
1.516	-4.101	.79871	1.14531	1.03021	.96054	.57617	1.01674	1.30353	1.21666	1.15142	.78032
1.516	-3.123	.79882	1.16601	1.05263	.98310	.59882	.97012	1.28740	1.19726	1.13021	.75602
1.516	-2.166	.80200	1.18525	1.07443	1.00519	.62156	.92236	1.27008	1.17635	1.10705	.73126
1.515	-1.207	.81349	1.20246	1.09475	1.02572	.64359	.87974	1.25058	1.15350	1.08250	.70524
1.515	-.224	.83879	1.22110	1.11773	1.04904	.66826	.85112	1.23117	1.13069	1.05941	.68004
1.516	.773	.86585	1.23879	1.14008	1.07183	.69196	.82409	1.20935	1.10483	1.03359	.65435
1.515	1.808	.90677	1.25840	1.16381	1.09661	.71860	.80715	1.18700	1.07964	1.00781	.62814
	GRADIENT	.01811	.01896	.02254	.02293	.02405	-.03605	-.01984	-.02337	-.02446	-.02589

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

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
1.543	-8.056	.59982	1.04986	.93107	.86158	.48140	1.00052	1.37040	1.29260	1.23066	.87369
1.542	-7.042	.61114	1.07371	.95736	.88646	.50611	.95217	1.35226	1.27158	1.20853	.84769
1.542	-6.057	.62719	1.09407	.98149	.90932	.53017	.92088	1.33406	1.25048	1.18638	.82232
1.543	-5.077	.65131	1.11229	1.00683	.93308	.55460	.89271	1.31883	1.23017	1.16502	.79717
1.542	-4.095	.68257	1.12419	1.03072	.95573	.57620	.87132	1.30654	1.20877	1.14199	.77137
1.543	-3.126	.73659	1.11833	1.05572	.97950	.59831	.87183	1.30482	1.18910	1.12067	.74664
1.542	-2.163	.80676	1.10466	1.08048	1.00304	.62027	.89334	1.32095	1.17059	1.09858	.72149
1.542	-1.207	.84661	1.14782	1.10359	1.02577	.64294	.89248	1.31046	1.15282	1.07703	.69686
1.542	-.222	.87124	1.22361	1.12389	1.04720	.66604	.87895	1.25684	1.13308	1.05449	.67108
1.543	.773	.88354	1.29181	1.14192	1.06810	.68964	.85392	1.19136	1.11216	1.03152	.64581
1.542	1.807	.88264	1.30951	1.16002	1.08952	.71452	.80939	1.14427	1.08804	1.00701	.62031
	GRADIENT	.03478	.03733	.02198	.02268	.02345	-.00873	-.02851	-.02018	-.02286	-.02569

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

(RCM033) (03 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	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
.600	-8.033	.63406	.67124	.56319	.49043	.07571	.97284	1.00519	.94123	.88421	.52272
.599	-7.035	.66100	.69849	.51950	.51950	.10302	.95886	.99316	.90617	.86571	.49586
.600	-6.043	.68644	.72475	.62078	.54801	.13257	.94158	.97767	.86606	.84514	.46963
.600	-5.061	.71066	.75171	.64715	.57517	.16038	.92321	.96096	.86753	.82315	.44160
.600	-4.086	.73454	.77535	.67329	.60157	.18669	.90679	.94575	.80364	.80364	.41609
.600	-3.118	.75805	.79916	.69878	.62825	.21483	.88722	.92769	.84635	.78106	.38897
.600	-2.166	.78007	.81930	.72363	.65320	.24224	.86806	.90928	.82532	.75872	.36207
.600	-1.241	.80054	.83978	.74704	.67710	.26904	.84962	.89169	.80500	.73699	.33601
.600	-.298	.82021	.85947	.76948	.70023	.29559	.83043	.87208	.78334	.71325	.30974
.600	.705	.83996	.87914	.79199	.72355	.32221	.80890	.85032	.75846	.68707	.28061
.600	1.775	.86031	.89910	.81527	.74758	.35110	.78524	.82536	.73094	.65853	.25044
GRADIENT		.02143	.02107	.02427	.02492	.02809	-.02063	-.02043	-.02317	-.02469	-.02827

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

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
.800	-8.015	.72053	.75558	.64717	.57239	.13707	1.04390	1.07878	1.01352	.95599	.58552
.799	-7.008	.74485	.78138	.67480	.60079	.16516	1.02891	1.06583	.99639	.93691	.55845
.800	-6.016	.76889	.80772	.70165	.62793	.19385	1.01201	1.05060	.97786	.91664	.53149
.800	-5.030	.79286	.83353	.72791	.65492	.22239	.99539	1.03558	.95933	.89634	.50511
.800	-4.045	.81495	.85625	.75321	.67994	.25056	.97779	1.01957	.94024	.87531	.47871
.800	-3.070	.83699	.87746	.77816	.70512	.27864	.95954	1.00230	.92028	.85351	.45190
.801	-2.112	.85798	.89926	.80247	.73092	.30647	.94136	.98901	.89978	.83177	.42468
.800	-1.170	.87719	.91853	.82437	.75415	.33284	.92254	.96632	.87856	.80929	.39753
.800	-.214	.89594	.93729	.84603	.77655	.35921	.90335	.94651	.85587	.78536	.36993
.800	.787	.91619	.95736	.86908	.80028	.38777	.88338	.92543	.83197	.76021	.34134
.800	1.842	.93538	.97614	.89125	.82284	.41659	.86090	.90212	.80623	.73293	.31162
GRADIENT		.02044	.02043	.02344	.02436	.02820	-.01984	-.01998	-.02284	-.02421	-.02849

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

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
.900	-8.041	.78384	.81830	.71231	.63879	.21067	1.09401	1.12951	1.06451	1.00804	.64266
.900	-6.998	.80654	.84229	.73880	.66563	.23803	1.07756	1.11500	1.04634	.98780	.61510
.899	-6.007	.82860	.86721	.76382	.69149	.26474	1.06119	1.10080	1.02874	.96835	.58940
.900	-5.020	.85164	.89221	.78932	.71775	.29252	1.04468	1.08572	1.01031	.94806	.56327
.900	-4.043	.87261	.91345	.81284	.74178	.31861	1.02790	1.07022	.99207	.92790	.53730
.900	-3.068	.89419	.93486	.83802	.76663	.34651	1.01113	1.05479	.97327	.90774	.51212
.900	-2.108	.91387	.95491	.86053	.79040	.37274	.99313	1.03715	.95293	.88619	.48512
.900	-1.172	.93259	.97365	.88219	.81293	.39886	.97569	1.01958	.93270	.86497	.46024
.900	-.223	.95056	.99204	.90278	.83461	.42340	.95755	1.00099	.91153	.84228	.43352
.900	.775	.96865	1.01051	.92408	.85645	.45046	.93754	.97982	.88811	.81737	.40568
.900	1.830	.98800	1.02931	.94620	.87949	.47862	.91657	.95830	.86394	.79164	.37637
GRADIENT		.01970	.01970	.02259	.02342	.02716	-.01901	-.01920	-.02193	-.02330	-.02749

IA310 (AEDC 16TF-783) FAIRING-OFF DATABASE (RCM033) (03 OCT 91)

PARAMETRIC DATA

BETA = -2.000 PHI = 180.000

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

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
1.099	-8.010	.93863	.97047	.87144	.80295	.41479	1.21835	1.25178	1.19160	1.13839	.80299
1.100	-6.958	.96079	.99381	.89689	.82842	.44071	1.20456	1.23979	1.17613	1.12073	.77895
1.100	-5.968	.98083	1.01743	.92035	.85219	.46534	1.18993	1.22689	1.16007	1.10290	.75490
1.101	-4.969	1.00088	1.03937	.94306	.87532	.48979	1.17432	1.21277	1.14291	1.08421	.73064
1.100	-3.981	1.02020	1.05841	.96479	.89788	.51359	1.15928	1.19890	1.12617	1.06611	.70737
1.100	-2.924	1.03884	1.07680	.98619	.92005	.53750	1.14148	1.18221	1.10664	1.04548	.68236
1.100	-2.024	1.05794	1.09562	1.00774	.94231	.56167	1.12571	1.16698	1.08853	1.02624	.65864
1.100	-1.048	1.07507	1.11309	1.02779	.96286	.58563	1.10906	1.15009	1.06948	1.00592	.63458
1.100	-.086	1.09125	1.13022	1.04692	.98287	.60858	1.09255	1.13262	1.04954	.98448	.61011
1.100	.902	1.10837	1.14770	1.06684	1.00340	.63276	1.07572	1.11492	1.02971	.96301	.58592
1.100	1.929	1.12491	1.16460	1.08616	1.02400	.65724	1.05701	1.09573	1.00790	.94020	.56046
GRADIENT	.01801	.01822	.02081	.02158	.02435	.02435	-.01703	-.01706	-.01964	-.02097	-.02476

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

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
1.249	-8.019	1.00601	1.04310	.94094	.87034	.48229	1.29327	1.32985	1.26608	1.21014	.86638
1.250	-6.997	1.02682	1.06506	.96472	.89513	.50713	1.27908	1.31828	1.24989	1.19156	.84275
1.250	-6.005	1.04694	1.08797	.98753	.91845	.53077	1.26340	1.30329	1.23142	1.17211	.81854
1.250	-5.012	1.06636	1.10952	1.01017	.94114	.55482	1.24578	1.28745	1.21368	1.15328	.79473
1.250	-4.030	1.08464	1.12821	1.03147	.96250	.57786	1.22884	1.27305	1.19633	1.13457	.77111
1.250	-3.054	1.10438	1.14771	1.05335	.98512	.60230	1.21260	1.25752	1.17826	1.11494	.74770
1.250	-2.087	1.12281	1.16638	1.07400	1.00664	.62584	1.19548	1.24115	1.15940	1.09466	.72402
1.250	-1.140	1.14054	1.18435	1.09430	1.02782	.64882	1.17932	1.22490	1.14071	1.07481	.70194
1.250	-.178	1.15781	1.20171	1.11399	1.04828	.67131	1.16238	1.20744	1.12084	1.05408	.67883
1.250	.822	1.17497	1.21913	1.13413	1.06857	.69481	1.14390	1.18808	1.09886	1.03118	.65351
1.250	1.875	1.19271	1.23683	1.15456	1.08978	.71956	1.12492	1.16785	1.07656	1.00757	.62760
GRADIENT	.01827	.01840	.02085	.02085	.02156	.02395	-.01762	-.01784	-.02034	-.02153	-.02426

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

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
1.400	-8.013	1.01293	1.06780	.95899	.88555	.49703	1.33030	1.37999	1.30662	1.24475	.88789
1.400	-6.993	1.03318	1.09112	.98308	.90959	.51959	1.31241	1.36480	1.28796	1.22470	.86275
1.400	-6.001	1.05352	1.11453	1.00659	.93368	.54288	1.29310	1.34892	1.26942	1.20460	.83807
1.400	-5.010	1.07379	1.13672	1.03009	.95745	.56679	1.27329	1.33290	1.24942	1.18349	.81288
1.400	-4.026	1.09372	1.15701	1.05180	.97943	.58897	1.25409	1.31573	1.22917	1.16228	.78789
1.400	-3.042	1.11555	1.17930	1.07592	1.00326	.61328	1.23528	1.29812	1.20989	1.14200	.76387
1.400	-2.080	1.13462	1.19869	1.09781	1.02563	.63638	1.21523	1.28010	1.19017	1.12051	.73895
1.400	-1.127	1.15357	1.21722	1.11863	1.04769	.65924	1.19663	1.26278	1.17011	1.09961	.71483
1.400	-.162	1.17239	1.23597	1.13956	1.06961	.68324	1.17770	1.24388	1.14862	1.07690	.69057
1.400	.834	1.19188	1.25488	1.16140	1.09226	.70812	1.15766	1.22266	1.12468	1.05196	.66478
1.400	1.888	1.21171	1.27397	1.18343	1.11435	.73379	1.13685	1.20121	1.10100	1.02743	.63841
GRADIENT	.01985	.01967	.02216	.02286	.02448	.02448	-.01986	-.01937	-.02177	-.02292	-.02535

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

(RCM033) (03 OCT 91)

PARAMETRIC DATA

BETA = -2.000 PHI = 180.000

RUN NO.	ALPHA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
1.449	-8.038	.99526	1.06682	.95674	.88423	.49926	1.32959	1.38918	1.31283	1.25015	.89376
1.450	-7.021	1.01519	1.09064	.98150	.90913	.52049	1.30871	1.37287	1.29279	1.22970	.86835
1.450	-6.034	1.03365	1.11452	1.00468	.93232	.54137	1.28623	1.35538	1.27417	1.20929	.84302
1.450	-5.045	1.05388	1.13687	1.02846	.95553	.56404	1.26455	1.34012	1.25476	1.18728	.81765
1.450	-4.069	1.07477	1.15884	1.05172	.97895	.58836	1.24681	1.32395	1.23463	1.16691	.79416
1.450	-3.100	1.09454	1.18097	1.07425	1.00184	.61200	1.22455	1.30395	1.21344	1.14583	.76818
1.451	-2.149	1.11472	1.20211	1.09837	1.02623	.63685	1.20281	1.28713	1.19456	1.12528	.74424
1.449	-1.218	1.13333	1.22049	1.11968	1.04825	.65945	1.18199	1.26878	1.17373	1.10245	.71915
1.450	-.273	1.15354	1.23992	1.14050	1.06902	.68315	1.16237	1.24885	1.15126	1.07864	.69409
1.450	.733	1.17408	1.25950	1.16321	1.09259	.70981	1.14128	1.22654	1.12689	1.05344	.66866
1.449	1.801	1.19558	1.27877	1.18617	1.11748	.73729	1.11938	1.20552	1.10374	1.02955	.64275
	GRADIENT	.02063	.02041	.02295	.02356	.02537	-.02169	-.02020	-.02244	-.02370	-.02590

RUN NO.	ALPHA	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
1.471	-8.037	1.06432	.95271	.88010	.49447	1.31378	1.38833	1.30840	1.24358	.88408
1.471	-7.015	1.08966	.97777	.90478	.51624	1.29071	1.37002	1.28733	1.22223	.85852
1.471	-6.025	1.11365	1.00289	.92971	.53843	1.26414	1.35213	1.26722	1.20101	.83329
1.471	-5.040	1.13557	1.02584	.95347	.56029	1.23759	1.33443	1.24576	1.17848	.80803
1.471	-4.062	1.15757	1.04851	.97656	.58321	1.21456	1.31684	1.22608	1.15760	.78486
1.471	-3.093	1.17766	1.07052	.99863	.60565	1.18887	1.29793	1.20448	1.13522	.75956
1.471	-2.138	1.19835	1.09290	1.02129	.62930	1.16585	1.27901	1.18387	1.11420	.73496
1.471	-1.202	1.21672	1.11382	1.04271	.65298	1.14153	1.26037	1.16342	1.09244	.71111
1.471	-.253	1.23388	1.13404	1.06419	.67609	1.11982	1.24177	1.14139	1.06954	.68690
1.471	.750	1.25196	1.15482	1.08568	.70133	1.09864	1.22100	1.11811	1.04508	.66042
1.471	1.818	1.27255	1.17765	1.10896	.72758	1.07835	1.20093	1.09637	1.02218	.63515
	GRADIENT	.01944	.02194	.02257	.02467	-.02332	-.01980	-.02221	-.02320	-.02556

RUN NO.	ALPHA	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
1.495	-8.029	1.06826	.95588	.88410	.50002	1.30092	1.39352	1.31402	1.25000	.88952
1.495	-7.011	1.09336	.98127	.90871	.52247	1.27060	1.37645	1.29351	1.22834	.86344
1.496	-6.021	1.11763	1.00543	.93249	.54318	1.23689	1.35846	1.27331	1.20762	.83742
1.496	-5.036	1.14267	1.03008	.95742	.56564	1.20335	1.34160	1.25315	1.18585	.81203
1.496	-4.058	1.16525	1.05284	.98059	.58792	1.17126	1.32454	1.23216	1.16350	.78749
1.496	-3.086	1.18654	1.07501	1.00324	.61099	1.13670	1.30416	1.20929	1.14000	.76201
1.496	-2.125	1.20630	1.09754	1.02614	.63506	1.10575	1.28471	1.18858	1.11792	.73760
1.496	-1.191	1.22247	1.11765	1.04725	.65871	1.07581	1.26637	1.16805	1.09645	.71395
1.496	-.239	1.23906	1.13702	1.06747	.68234	1.04716	1.24768	1.14622	1.07396	.68956
1.496	.762	1.25792	1.15881	1.08983	.70674	1.03006	1.22861	1.12452	1.05118	.66467
1.495	1.829	1.27829	1.18192	1.11312	.73255	1.01292	1.20898	1.10157	1.02680	.63837
	GRADIENT	.01889	.02182	.02246	.02469	-.02735	-.01963	-.02216	-.02319	-.02533

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

(RCM033) (03 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	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
1.516	-8.029	.80883	1.05389	.94227	.87235	.48945	1.20759	1.37807	1.30033	1.23875	.85331
1.516	-7.011	.77997	1.07994	.96764	.89691	.51463	1.14418	1.36407	1.28255	1.21831	.85797
1.516	-6.023	.78076	1.10418	.99184	.92033	.53739	1.09588	1.34727	1.26215	1.19703	.83317
1.516	-5.038	.78181	1.13011	1.01566	.94450	.55911	1.04731	1.32757	1.24133	1.17628	.80707
1.516	-4.059	.77279	1.15299	1.03714	.96592	.57983	.99280	1.31128	1.22261	1.15605	.78170
1.517	-3.086	.77717	1.17676	1.06039	.98944	.60338	.94640	1.29658	1.20335	1.13440	.75746
1.517	-2.130	.78457	1.19804	1.08198	1.01123	.62637	.89994	1.27917	1.18073	1.11004	.73229
1.517	-1.191	.80070	1.21765	1.10364	1.03321	.64910	.86649	1.26201	1.16023	1.08841	.70974
1.517	-.239	.82515	1.23514	1.12628	1.05617	.67291	.83935	1.24431	1.13844	1.06613	.68492
1.516	.766	.85479	1.25125	1.14821	1.07870	.69637	.81434	1.23372	1.11340	1.04032	.65783
1.516	1.831	.89018	1.27043	1.17273	1.10416	.72347	.79356	1.20162	1.08646	1.01313	.63102
GRADIENT		.02018	.01973	.02299	.02341	.02434	-.03375	-.01870	-.02314	-.02425	-.02563

C4

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

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
1.542	-8.032	.59810	1.05611	.93568	.86737	.48452	.99202	1.37534	1.29616	1.23376	.87596
1.542	-7.010	.60949	1.07538	.95897	.89072	.50968	.94814	1.35673	1.27431	1.21094	.84947
1.542	-6.026	.63319	1.08815	.98226	.91423	.53510	.91917	1.33880	1.25337	1.18879	.82409
1.542	-5.037	.65935	1.09613	1.00673	.93817	.55885	.89329	1.32548	1.23330	1.16724	.79894
1.542	-4.058	.70164	1.08593	1.02758	.95972	.57961	.88280	1.31815	1.21322	1.14582	.77369
1.542	-3.085	.78999	1.04981	1.04859	.98293	.60164	.91345	1.33522	1.19406	1.12386	.74767
1.542	-2.130	.84690	1.06376	1.07758	1.00717	.62443	.92601	1.34240	1.17744	1.10269	.72288
1.542	-1.192	.87725	1.09432	1.10627	1.03034	.64598	.92184	1.29681	1.16044	1.08158	.69880
1.542	-.238	.89870	1.16106	1.13052	1.05170	.66792	.90874	1.20690	1.14198	1.05994	.67423
1.542	.765	.91270	1.26572	1.15062	1.07354	.69165	.88548	1.12887	1.11909	1.03730	.64915
1.542	1.828	.91748	1.33129	1.16839	1.09519	.71729	.85046	1.08222	1.08012	1.01177	.62328
GRADIENT		.03449	.04669	.02489	.02318	.02336	-.00640	-.04625	-.02039	-.02269	-.02557

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

(RCM034) (03 OCT 91)

PARAMETRIC DATA

BETA = -1.000 PHI = 180.000

RUN NO. 1354/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPC01	CPU	CPC4	CPC5	CPC6	CPC02
.600	-8.002	.64060	.68066	.56883	.49429	.07790	.97574	1.00865	.94340	.88593	.52297
.599	-6.991	.66854	.70506	.59737	.52350	.10701	.96232	.99728	.92817	.86841	.49738
.600	-6.001	.69313	.72828	.62526	.55267	.13548	.94463	.98165	.90897	.84731	.46975
.600	-5.008	.71803	.75123	.65303	.58031	.16416	.92710	.96545	.88930	.82600	.44265
.600	-4.023	.73967	.77501	.67751	.60552	.19021	.90827	.94793	.86848	.80417	.41591
.600	-3.040	.76611	.80446	.70615	.63423	.22021	.89142	.93214	.84933	.78350	.38981
.601	-2.078	.78753	.82676	.73010	.65881	.24727	.87145	.91302	.82751	.76028	.36221
.600	-1.158	.80762	.84728	.75287	.68225	.27307	.85387	.89583	.80733	.73860	.33551
.601	-.265	.82521	.86497	.77343	.70382	.29777	.83519	.87645	.78604	.71546	.31041
.600	.783	.84542	.88564	.79710	.72841	.32587	.81326	.85416	.76028	.68791	.28038
.601	1.859	.86613	.90617	.82017	.75265	.35475	.78924	.82951	.73292	.65942	.24986
GRADIENT		.02122	.02190	.02408	.02488	.02786	-.02029	-.02023	-.02312	-.02474	-.02836

RUN NO. 1344/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPC01	CPU	CPC4	CPC5	CPC6	CPC02
.800	-7.965	.72723	.76520	.65237	.57633	.14106	1.04663	1.08229	1.01574	.95767	.58609
.800	-6.981	.75063	.78578	.67822	.60422	.16836	1.03195	1.06935	.99881	.93907	.55984
.800	-5.989	.77559	.80920	.70614	.63236	.19728	1.01578	1.05512	.98122	.91955	.53295
.800	-4.995	.79823	.83125	.73256	.65873	.22553	.99835	1.03946	.96217	.89876	.50627
.800	-4.002	.82096	.85728	.75808	.68443	.25390	.98141	1.02352	.94298	.87758	.47977
.801	-3.015	.84294	.88275	.78362	.71061	.28280	.96235	1.00561	.92217	.85487	.45195
.800	-2.045	.86391	.90524	.80731	.73509	.31026	.94432	.98821	.90149	.83278	.42428
.800	-1.108	.88320	.92507	.82956	.75874	.33661	.92662	.97053	.88109	.81114	.39768
.800	-.186	.90110	.94368	.85082	.78094	.36263	.90862	.95164	.85938	.78814	.37143
.800	.847	.92140	.96345	.87388	.80474	.39133	.88755	.92953	.83407	.76141	.34179
.800	1.903	.94111	.98294	.89696	.82799	.42018	.86504	.90628	.80840	.73404	.31066
GRADIENT		.02069	.02190	.02383	.02465	.02825	-.01930	-.01931	-.02233	-.02387	-.02840

RUN NO. 1332/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPC01	CPU	CPC4	CPC5	CPC6	CPC02
.900	-7.989	.78951	.82625	.71686	.64231	.21422	1.09629	1.13267	1.06660	1.00947	.64298
.900	-6.968	.81240	.84671	.74273	.66976	.24145	1.08091	1.11910	1.04930	.99029	.61649
.900	-5.973	.83432	.86789	.76821	.69594	.26848	1.06398	1.10425	1.03105	.97027	.59022
.900	-4.982	.85665	.88952	.79373	.72140	.29513	1.04772	1.08955	1.01313	.95040	.56426
.900	-3.996	.87799	.91478	.81801	.74614	.32188	1.03079	1.07391	.99465	.92999	.53810
.900	-3.007	.89939	.93900	.84249	.77093	.34945	1.01296	1.05707	.97463	.90848	.51131
.900	-2.037	.91941	.96086	.86553	.79462	.37626	.99568	1.04029	.95476	.88733	.48493
.900	-1.111	.93788	.97951	.88703	.81716	.40215	.97900	1.02322	.93506	.86635	.46006
.900	-.199	.95487	.99770	.90734	.83878	.42667	.96211	1.00574	.91477	.84481	.43505
.900	.834	.97370	1.01668	.92908	.86117	.45360	.94141	.98382	.89021	.81836	.40551
.900	1.889	.99299	1.03524	.95148	.88421	.48223	.92106	.96282	.86678	.79361	.37711
GRADIENT		.01982	.02113	.02298	.02378	.02728	-.01842	-.02140	-.02140	-.02289	-.02729

IA310 (AEDC 16TF-783) FAIRING-OFF DATABASE (RCM034) (03 OCT 91)

PARAMETRIC DATA

BETA = -1.000 PHI = 180.000

RUN NO. 1323/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
1.099	-7.980	.94417	.97701	.87511	.80627	.41756	1.22146	1.25548	1.19422	1.14060	.80405
1.100	-6.950	.96543	.99650	.89991	.83135	.44265	1.20756	1.24354	1.17891	1.12317	.78043
1.100	-5.949	.98548	1.01645	.92396	.85530	.46734	1.19273	1.23051	1.16260	1.10506	.75619
1.100	-4.954	1.00454	1.03606	.94617	.87773	.49085	1.17705	1.21632	1.14533	1.08639	.73175
1.100	-3.957	1.02408	1.05973	.96801	.90044	.51506	1.16118	1.20158	1.12781	1.06738	.70757
1.100	-2.963	1.04374	1.08088	.99024	.92331	.53982	1.14433	1.18584	1.10923	1.04759	.68298
1.100	-1.06216	1.06216	1.10060	1.01140	.94504	.56393	1.12843	1.17029	1.09052	1.02778	.65881
1.100	-1.020	1.07982	1.11859	1.03183	.96642	.58812	1.11296	1.15434	1.07235	1.00820	.63534
1.100	-.051	1.09575	1.13610	1.05150	.98707	.61170	1.09662	1.13716	1.05279	.98713	.61176
1.100	.940	1.11206	1.15278	1.07046	1.00721	.63504	1.07934	1.11887	1.03191	.96447	.58636
1.100	1.963	1.12884	1.16954	1.09015	1.02753	.65947	1.06147	1.10027	1.01102	.94273	.56179
GRADIENT		.01996	.01917	.02087	.02173	.02446	-.01667	-.01680	-.01946	-.02084	-.02461

RUN NO. 1368/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
1.250	-7.998	1.01039	1.04816	.94352	.87255	.48432	1.29601	1.33356	1.26867	1.21209	.86750
1.250	-6.973	1.03143	1.06742	.96720	.89776	.50901	1.28171	1.32136	1.25180	1.19309	.84353
1.250	-5.978	1.05150	1.08723	.99117	.92169	.53338	1.26606	1.30593	1.23345	1.17409	.81955
1.250	-4.986	1.07065	1.10779	1.01387	.94450	.55718	1.24824	1.29100	1.21638	1.15568	.79572
1.250	-3.995	1.08976	1.12977	1.03554	.96607	.58084	1.23191	1.27662	1.19886	1.13674	.77197
1.250	-3.001	1.10915	1.15164	1.05721	.98832	.60516	1.21460	1.26041	1.17987	1.11598	.74731
1.250	-2.031	1.12814	1.17123	1.07830	1.01050	.62928	1.19849	1.24473	1.16152	1.09610	.72439
1.250	-1.091	1.14566	1.18984	1.09868	1.03167	.65218	1.18304	1.22894	1.14293	1.07635	.70251
1.250	-.153	1.16197	1.20714	1.11801	1.05173	.67404	1.16628	1.21186	1.12380	1.05645	.68022
1.250	.881	1.18028	1.22545	1.13908	1.07325	.69830	1.14778	1.19204	1.10101	1.03260	.65390
1.250	1.923	1.19773	1.24313	1.15962	1.09437	.72313	1.12906	1.17267	1.07929	1.00954	.62847
GRADIENT		.01846	.01958	.02116	.02184	.02405	-.01721	-.01718	-.01989	-.02119	-.02413

RUN NO. 1380/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
1.400	-7.995	1.01705	1.07097	.96045	.88777	.49850	1.33263	1.38307	1.30837	1.24638	.88852
1.400	-6.970	1.03729	1.09145	.98520	.91249	.52146	1.31427	1.36736	1.28966	1.22608	.86348
1.400	-5.975	1.05787	1.11227	1.00989	.93694	.54516	1.29529	1.35216	1.27127	1.20608	.83868
1.400	-4.984	1.07812	1.13495	1.03360	.96063	.56879	1.27617	1.33652	1.25192	1.18573	.81406
1.400	-3.993	1.09944	1.15889	1.05654	.98336	.59180	1.25749	1.31942	1.23201	1.16506	.78911
1.400	-3.001	1.11944	1.18142	1.07977	1.00643	.61562	1.23583	1.30046	1.21161	1.14309	.76336
1.399	-2.026	1.13848	1.20156	1.10158	1.02882	.63867	1.21632	1.28383	1.19195	1.12120	.73836
1.400	-1.080	1.15834	1.22191	1.12231	1.05102	.66223	1.20034	1.26750	1.17244	1.10095	.71506
1.400	-.137	1.17736	1.24230	1.14402	1.07320	.68542	1.18221	1.24877	1.15162	1.07913	.69158
1.399	.891	1.19739	1.26268	1.16734	1.09712	.71119	1.16129	1.22668	1.12648	1.05320	.66466
1.400	1.934	1.21595	1.28099	1.18952	1.11983	.73727	1.14027	1.20529	1.10292	1.02885	.63885
GRADIENT		.02001	.02117	.02256	.02313	.02439	-.01954	-.01887	-.02149	-.02270	-.02534

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

(RCM034) (03 OCT 91)

PARAMETRIC DATA

BETA = -1.000 PHI = 180.000

RUN NO. 1391/ O RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
1.450	-8.006	.99897	1.06953	.95816	.88664	.50081	1.33072	1.39127	1.31369	1.25076	.89420
1.450	-6.983	1.01944	1.09106	.98349	.91221	.52230	1.31073	1.37503	1.29425	1.23103	.86921
1.450	-5.986	1.03798	1.11277	1.00826	.93040	.54410	1.28784	1.35817	1.27562	1.20992	.84342
1.450	-5.002	1.05829	1.13522	1.03277	.95994	.56749	1.26730	1.34394	1.25670	1.18910	.81892
1.450	-4.015	1.07934	1.15850	1.05588	.98266	.59088	1.24828	1.32563	1.23564	1.16820	.79380
1.449	-3.031	1.09792	1.18107	1.07850	1.00549	.61434	1.22336	1.30559	1.21513	1.14656	.76659
1.450	-2.068	1.11894	1.20334	1.10198	1.02959	.63937	1.20315	1.29115	1.19628	1.12474	.74231
1.450	-1.145	1.14048	1.22572	1.12458	1.05293	.66289	1.18763	1.27544	1.17551	1.10292	.71962
1.450	-.249	1.16045	1.24900	1.14663	1.07398	.68600	1.16926	1.25668	1.15509	1.08159	.69584
1.450	.798	1.18012	1.26918	1.17001	1.09817	.71326	1.14466	1.23074	1.12843	1.05439	.66811
1.450	1.868	1.20051	1.28705	1.19394	1.12427	.74077	1.12238	1.20846	1.10516	1.03080	.64254
	GRADIENT	.02097	.02236	.02365	.02413	.02559	-.02099	-.01977	-.02235	-.02358	-.02570

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

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
1.471	-8.006	.97085	1.06626	.95422	.88275	.49705	1.31527	1.39125	1.30988	1.24489	.88451
1.471	-6.978	.98821	1.08793	.97971	.90749	.51837	1.29146	1.37217	1.28871	1.22315	.85855
1.471	-5.986	1.00590	1.11008	1.00577	.93300	.54086	1.26500	1.35500	1.26902	1.20236	.83361
1.471	-4.996	1.02222	1.13160	1.02884	.95642	.56249	1.23854	1.33675	1.24762	1.18035	.80842
1.471	-4.009	1.04037	1.15435	1.05181	.97965	.58568	1.21358	1.31909	1.22743	1.15869	.78434
1.471	-3.025	1.05941	1.17749	1.07529	1.00317	.60976	1.18929	1.30025	1.20598	1.13624	.75904
1.471	-2.059	1.07547	1.19915	1.09643	1.02460	.63246	1.16285	1.28042	1.18463	1.11427	.73415
1.470	-1.132	1.09165	1.21892	1.11729	1.04609	.65542	1.13918	1.26331	1.16513	1.09357	.71064
1.471	-.228	1.11215	1.23762	1.13732	1.06706	.67884	1.12081	1.24632	1.14475	1.07245	.68791
1.471	.818	1.13489	1.25682	1.15765	1.08762	.70475	1.09855	1.22404	1.12020	1.04669	.66083
1.471	1.885	1.15942	1.27718	1.18088	1.11142	.73051	1.07798	1.20389	1.09821	1.02379	.63469
	GRADIENT	.01971	.02120	.02205	.02251	.02452	-.02361	-.01941	-.02187	-.02289	-.02537

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

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
1.495	-8.005	.94539	1.06984	.95761	.88696	.50333	1.30093	1.39659	1.31599	1.25180	.89015
1.496	-6.983	.95487	1.09251	.98321	.91211	.52560	1.27116	1.37997	1.29618	1.23069	.86443
1.495	-5.985	.96367	1.11402	1.00809	.93656	.54610	1.23670	1.36157	1.27558	1.20918	.83791
1.495	-4.995	.97152	1.13521	1.03261	.96082	.56776	1.20100	1.34447	1.25449	1.18653	.81250
1.496	-4.007	.98279	1.15871	1.05631	.98436	.59057	1.16820	1.32659	1.23292	1.16397	.78766
1.495	-3.027	.99242	1.18382	1.07941	1.00738	.61467	1.13200	1.30614	1.21061	1.14100	.76219
1.496	-2.055	1.00162	1.20624	1.10128	1.02986	.63834	1.09726	1.28683	1.18949	1.11833	.73716
1.496	-1.125	1.01642	1.22611	1.12209	1.05168	.66234	1.06989	1.26981	1.16984	1.09787	.71388
1.496	-.215	1.03383	1.24324	1.14029	1.07033	.68481	1.04416	1.25165	1.14839	1.07571	.69066
1.496	.831	1.06224	1.26336	1.16307	1.09332	.70988	1.02296	1.23148	1.12591	1.05247	.66484
1.496	1.895	1.09576	1.28381	1.18666	1.11745	.73596	1.00770	1.21168	1.10346	1.02889	.63868
	GRADIENT	.01724	.02153	.02220	.02264	.02454	-.02893	-.01938	-.02199	-.02295	-.02529

IA310 (AEDC 16TF-783) FAIRING-OFF DATABASE (RCM034) (03 OCT 91)

PARAMETRIC DATA

BETA = -1.000 PHI = 180.000

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

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
1.517	-8.000	.79515	1.05983	.94486	.87581	.49397	1.19874	1.38402	1.30467	1.24209	.88501
1.517	-6.983	.77037	1.08375	.96900	.90054	.51905	1.13699	1.36842	1.28534	1.22056	.85916
1.517	-5.985	.76672	1.10503	.99350	.92487	.54095	1.08294	1.35066	1.26417	1.19932	.83343
1.517	-4.996	.76847	1.12589	1.01711	.94842	.56246	1.03416	1.33175	1.24489	1.17911	.80750
1.517	-4.008	.76186	1.14767	1.04107	.97165	.58457	.98001	1.31743	1.22668	1.15884	.78249
1.516	-3.022	.76387	1.17058	1.06312	.99286	.60633	.92393	1.29945	1.20343	1.13381	.75544
1.517	-2.055	.78343	1.19745	1.08735	1.01652	.63075	.89133	1.28387	1.18286	1.11163	.73136
1.517	-1.125	.81411	1.22275	1.10964	1.03852	.65386	.87145	1.26999	1.16307	1.09005	.70829
1.516	-.215	.84965	1.24421	1.13044	1.05949	.67518	.86418	1.25280	1.14087	1.06783	.68590
1.516	.830	.85165	1.26208	1.15521	1.08491	.70054	.80997	1.23037	1.11592	1.04200	.65795
1.517	1.895	.88238	1.27925	1.17876	1.10979	.72756	.78399	1.20668	1.08984	1.01540	.63142
	GRADIENT	.01873	.02310	.02355	.02345	.02403	-.03428	-.01793	-.02259	-.02385	-.02552

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

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
1.542	-8.004	.59822	1.06374	.93637	.86770	.48729	.98906	1.37819	1.29774	1.23509	.87712
1.542	-6.982	.61257	1.08257	.95802	.88977	.51285	.94889	1.36005	1.27628	1.21258	.85121
1.542	-5.990	.64132	1.09243	.97765	.91058	.53695	.91919	1.34158	1.25436	1.18957	.82506
1.543	-4.995	.67160	1.09238	.99709	.93237	.55986	.89636	1.32887	1.23407	1.16773	.79986
1.542	-4.008	.73231	1.06723	1.01348	.95343	.58122	.90159	1.32794	1.21433	1.14653	.77422
1.543	-3.022	.82072	1.04597	1.04146	.98095	.60489	.93657	1.35276	1.19701	1.12560	.74893
1.542	-2.055	.86589	1.05694	1.07511	1.00819	.62754	.94244	1.34578	1.18080	1.10447	.72378
1.542	-1.125	.89942	1.07599	1.10601	1.03247	.64944	.94206	1.27338	1.16466	1.08405	.69921
1.543	-.829	.92038	1.12884	1.13423	1.05475	.67004	.93019	1.16896	1.14594	1.06252	.67549
1.543	1.896	.93287	1.24608	1.15765	1.07876	.69424	.90484	1.09030	1.11734	1.03759	.64918
1.554		.93638	1.33957	1.17526	1.10078	.72031	.86922	1.05813	1.08229	1.01083	.62469
	GRADIENT	.03888	.03563	.02780	.02507	.02331	-.00247	-.04531	-.02104	-.02266	-.02563

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

(RCM035) (03 OCT 91)

PARAMETRIC DATA

BETA = .000 PHI = 180.000

RUN NO. 1355/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
.599	-7.963	.64438	.68412	.57127	.49640	.07988	.97631	1.00986	.94422	.88642	.52317
.600	-6.956	.66895	.70497	.59731	.52318	.10761	.95928	.99448	.92510	.86538	.49488
.600	-5.955	.69627	.73048	.62641	.55335	.13764	.94448	.98178	.90871	.84701	.46921
.600	-4.953	.71986	.75404	.65294	.58092	.16539	.92660	.96546	.88881	.82534	.44127
.601	-3.951	.74339	.77899	.68102	.60901	.19386	.90876	.94864	.86853	.80415	.41504
.600	2.948	.76667	.80387	.70675	.63486	.22087	.88847	.92937	.84583	.77963	.38536
.601	-1.942	.78999	.82855	.73300	.66154	.25026	.86881	.91083	.82434	.75690	.35829
.601	-.922	.81233	.85250	.75826	.68765	.27965	.84826	.89056	.80106	.73215	.32867
.600	.192	.83491	.87572	.78528	.71596	.31107	.82735	.86861	.77629	.70454	.29804
.600	.869	.84758	.88951	.80090	.73229	.32958	.81419	.85490	.76061	.68798	.27914
.600	2.006	.87031	.91121	.82511	.75764	.36009	.78845	.82615	.73101	.65721	.24607
	GRADIENT	.02165	.02274	.02482	.02551	.02813	-.01974	-.01977	-.02253	-.02411	-.02808

RUN NO. 1345/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
.800	-7.968	.72934	.76666	.65392	.57789	.14140	1.04809	1.08425	1.01724	.95884	.58702
.800	-6.952	.75504	.78845	.67996	.60528	.16983	1.03276	1.07074	.99957	.93967	.55978
.800	-5.951	.77791	.81022	.70565	.63179	.19815	1.01486	1.05469	.98031	.91854	.53133
.800	-4.950	.80045	.83463	.73270	.65949	.22712	.99836	1.04017	.96238	.89877	.50556
.800	-3.955	.82221	.85842	.75924	.68586	.25546	.98043	1.02338	.94215	.87666	.47791
.800	-2.948	.84499	.88308	.78560	.71270	.28528	.96209	1.00555	.92152	.85405	.45065
.800	-1.946	.86725	.90788	.81073	.73853	.31332	.94393	.98804	.90041	.83150	.42197
.800	-.933	.88786	.93018	.83466	.76357	.34208	.92435	.96820	.87764	.80726	.39282
.800	.019	.90600	.94942	.85714	.78707	.36970	.90630	.94936	.85576	.78413	.36740
.800	1.009	.92507	.96836	.87905	.80968	.39714	.88680	.92776	.83213	.75911	.33788
.799	2.003	.94484	.98790	.90164	.83263	.42532	.86576	.90408	.80830	.73410	.30938
	GRADIENT	.02073	.02211	.02422	.02493	.02851	-.01898	-.01941	-.02216	-.02367	-.02820

RUN NO. 1333/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
.900	-7.958	.79104	.82706	.71824	.64371	.21447	1.09566	1.13289	1.06653	1.00902	.64197
.900	-6.932	.81511	.84830	.74387	.67015	.24291	1.08065	1.11941	1.04922	.98996	.61600
.900	-5.938	.83690	.86952	.76817	.69599	.26948	1.06411	1.10472	1.03113	.97011	.58946
.900	-4.939	.85867	.89277	.79408	.72237	.29679	1.04767	1.09002	1.01318	.95024	.56338
.900	-3.940	.87959	.91581	.81933	.74782	.32343	1.03062	1.07414	.99441	.92950	.53676
.900	-2.935	.90102	.93908	.84456	.77291	.35152	1.01243	1.05682	.97381	.90723	.50939
.900	-1.929	.92207	.96286	.86863	.79753	.37940	.99474	1.03957	.95334	.88559	.48255
.900	-.918	.94176	.98425	.89165	.82189	.40700	.97619	1.02084	.93134	.86214	.45476
	GRADIENT	.02076	.02288	.02431	.02475	.02749	-.01779	-.01720	-.02037	-.02190	-.02700

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

(RCM035) (03 OCT 91)

PARAMETRIC DATA

BETA = .000 PHI = 180.000

RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPCB	CPC1	CPC2	CPC3	CPC01	CPU	CPC4	CPC5	CPC6	CPC02
1.100	-7.946	.94696	.97852	.87685	.80761	.41893	1.22155	1.25618	1.19449	1.14079	.80383
1.100	-6.933	.96762	.99799	.90030	.83114	.44362	1.20835	1.24478	1.17968	1.12381	.78068
1.100	-5.936	.98686	1.01760	.92261	.85411	.46778	1.19317	1.23123	1.16283	1.10524	.75595
1.100	-4.941	1.00600	1.03824	.94530	.87737	.49188	1.17776	1.21722	1.14584	1.08681	.73191
1.100	-3.935	1.02490	1.05894	.96728	.90031	.51565	1.16119	1.20219	1.12790	1.06743	.70715
1.100	-2.935	1.04519	1.07994	.99060	.92409	.54107	1.14490	1.18672	1.10970	1.04802	.68300
1.100	-1.940	1.06379	1.10154	1.01296	.94638	.56523	1.12867	1.17062	1.09051	1.02754	.65808
1.100	-.936	1.08136	1.12063	1.03387	.96827	.58993	1.11265	1.15427	1.07123	1.00662	.63312
1.100	.059	1.09737	1.13868	1.05410	.98951	.61442	1.09608	1.13662	1.05136	.98534	.60874
1.100	.985	1.11284	1.15468	1.07210	1.00869	.63678	1.07971	1.11853	1.03198	.96476	.58598
1.100	2.007	1.13027	1.17205	1.09213	1.02950	.66173	1.06215	1.09807	1.01056	.94284	.56172
GRADIENT		.01783	.01936	.02119	.02193	.02451	-.01657	-.01705	-.01947	-.02079	-.02457

RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPCB	CPC1	CPC2	CPC3	CPC01	CPU	CPC4	CPC5	CPC6	CPC02
1.250	-7.973	1.01240	1.04870	.94466	.87332	.48482	1.29588	1.33407	1.26888	1.21177	.86686
1.250	-6.948	1.03327	1.06805	.96750	.89744	.50973	1.28127	1.32158	1.25184	1.19261	.84289
1.250	-5.950	1.05273	1.08841	.99030	.92076	.53391	1.26593	1.30603	1.23353	1.17375	.81884
1.250	-4.947	1.07165	1.10960	1.01397	.94486	.55842	1.24814	1.29154	1.21672	1.15542	.79521
1.250	-3.951	1.09021	1.12966	1.03591	.96687	.58200	1.23129	1.27646	1.19858	1.13601	.77081
1.250	-2.948	1.11043	1.15160	1.05856	.98969	.60670	1.21416	1.26067	1.17977	1.11526	.74593
1.250	-1.946	1.13022	1.17410	1.08108	1.01299	.63163	1.19864	1.24523	1.16115	1.09516	.72285
1.250	-.941	1.14859	1.19322	1.10225	1.03491	.65565	1.18147	1.22722	1.14043	1.07324	.69843
1.250	-.074	1.16310	1.20885	1.12027	1.05382	.67598	1.16606	1.21189	1.12339	1.05532	.67847
1.250	.987	1.18218	1.22812	1.14189	1.07589	.70167	1.14740	1.19174	1.10047	1.03137	.65177
1.249	2.026	1.19986	1.24640	1.16295	1.09731	.72662	1.12874	1.16990	1.07808	1.00835	.62685
GRADIENT		.01845	.01974	.02140	.02197	.02415	-.01704	-.01732	-.01986	-.02111	-.02407

RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPCB	CPC1	CPC2	CPC3	CPC01	CPU	CPC4	CPC5	CPC6	CPC02
1.400	-7.977	1.01999	1.07256	.96142	.88777	.49963	1.33306	1.38371	1.30864	1.24649	.88840
1.400	-6.948	1.03967	1.09291	.98519	.91219	.52272	1.31426	1.36802	1.28980	1.22609	.86310
1.400	-5.951	1.05911	1.11412	1.00897	.93643	.54625	1.29452	1.35200	1.27082	1.20569	.83802
1.400	-4.954	1.07957	1.13669	1.03320	.96109	.56989	1.27620	1.33643	1.25157	1.18539	.81321
1.400	-3.952	1.10001	1.15900	1.05678	.98440	.59320	1.25622	1.31880	1.23104	1.16405	.78760
1.400	-2.954	1.12171	1.18339	1.08161	1.00868	.61777	1.23597	1.30079	1.21144	1.14279	.76253
1.401	-1.948	1.14118	1.20611	1.10457	1.03198	.64149	1.21674	1.28427	1.19137	1.12031	.73700
1.400	-.948	1.16218	1.22719	1.12681	1.05561	.66671	1.19925	1.26563	1.16939	1.09750	.71147
1.400	.055	1.18154	1.24754	1.15012	1.07979	.69168	1.17956	1.24557	1.14612	1.07308	.68567
1.399	1.005	1.20001	1.26664	1.17109	1.10101	.71523	1.16116	1.22514	1.12449	1.05099	.66222
1.400	2.022	1.21824	1.28566	1.19347	1.12351	.74116	1.13990	1.20164	1.10130	1.02742	.63740
GRADIENT		.01998	.02146	.02297	.02340	.02458	-.01932	-.01908	-.02155	-.02275	-.02527

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

(RCM035) (03 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	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
1.450	-7.974	1.00275	1.07212	.96014	.88786	.50281	1.33181	1.39195	1.31395	1.25101	.89435
1.450	-6.945	1.02092	1.09221	.98377	.91227	.52363	1.30970	1.37433	1.29339	1.23017	.86848
1.450	-5.947	1.04037	1.11524	1.00867	.93666	.54602	1.28756	1.35821	1.27539	1.20977	.84307
1.449	-4.945	1.05888	1.13663	1.03227	.96020	.56874	1.26604	1.34285	1.25524	1.18788	.81763
1.450	-3.946	1.08053	1.16035	1.05659	.98383	.59311	1.24449	1.32449	1.23452	1.16719	.79228
1.450	-2.942	1.10091	1.18565	1.08140	1.00864	.61862	1.22283	1.30622	1.21542	1.14656	.76617
1.450	-1.938	1.12158	1.20829	1.10487	1.03272	.64344	1.20179	1.29159	1.19491	1.12272	.74050
1.450	-.920	1.14632	1.23223	1.12870	1.05659	.66941	1.18505	1.27181	1.17073	1.09794	.71531
1.450	-.095	1.16194	1.24868	1.14764	1.07598	.69154	1.16562	1.25582	1.15330	1.07883	.69161
1.450	.993	1.18657	1.27243	1.17249	1.10173	.71901	1.14446	1.22899	1.12562	1.05171	.66409
1.449	2.018	1.20273	1.29149	1.19661	1.12601	.74463	1.12022	1.20326	1.10164	1.02760	.63829
GRADIENT		.02238	.02238	.02353	.02381	.02536	-.02072	-.01959	-.02205	-.02322	-.02584

RUN NO. 1437/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
1.471	-7.972	.97298	1.06780	.95507	.88225	.49862	1.31493	1.39200	1.31015	1.24516	.88432
1.471	-6.943	.99011	1.08991	.97967	.90689	.52004	1.29091	1.37244	1.28864	1.22304	.85822
1.471	-5.951	1.00696	1.11289	1.00488	.93226	.54254	1.26388	1.35500	1.26870	1.20225	.83306
1.471	-4.948	1.02342	1.13347	1.02750	.95606	.56412	1.23738	1.33623	1.24691	1.17990	.80673
1.471	-3.946	1.04074	1.15617	1.05143	.97978	.58707	1.21154	1.31872	1.22659	1.15771	.78184
1.471	-2.942	1.05932	1.18118	1.07606	1.00398	.61142	1.18604	1.29854	1.20384	1.13377	.75580
1.471	-1.944	1.07702	1.20510	1.09989	1.02763	.63590	1.15965	1.27944	1.18249	1.11146	.73067
1.471	-.923	1.09698	1.22429	1.12139	1.05056	.66108	1.13576	1.25948	1.15933	1.08718	.70511
1.471	-.078	1.11519	1.23969	1.13726	1.06697	.68316	1.11859	1.24497	1.14358	1.07169	.68451
1.471	1.009	1.13893	1.26170	1.16251	1.09246	.71046	1.09638	1.22210	1.11932	1.04633	.65671
1.471	2.019	1.16257	1.28091	1.18492	1.11522	.73531	1.07744	1.19989	1.09705	1.02290	.63149
GRADIENT		.01987	.02110	.02240	.02273	.02472	-.02311	-.01946	-.02152	-.02245	-.02516

RUN NO. 1404/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
1.496	-7.973	.94767	1.07221	.95884	.88652	.50513	1.30137	1.39765	1.31674	1.25256	.89012
1.496	-6.944	.95512	1.09599	.98328	.91103	.52708	1.26979	1.38054	1.29645	1.23085	.86396
1.496	-5.947	.96264	1.11867	1.00693	.93461	.54743	1.23394	1.36152	1.27504	1.20839	.83722
1.496	-4.949	.97177	1.13850	1.03040	.95916	.56954	1.19922	1.34456	1.25372	1.18576	.81174
1.496	-3.947	.98322	1.16228	1.05599	.98476	.59325	1.16626	1.32703	1.23300	1.16416	.78765
1.495	-2.944	.99117	1.18702	1.08051	1.00833	.61616	1.12731	1.30458	1.20869	1.13916	.76016
1.496	-1.941	1.00107	1.21163	1.10420	1.03233	.64097	1.09238	1.28571	1.18776	1.11648	.73514
1.496	-.935	1.01425	1.23143	1.12595	1.05542	.66616	1.05963	1.26635	1.16520	1.09298	.70906
1.496	-.063	1.03098	1.24868	1.14532	1.07544	.69007	1.03563	1.25098	1.14657	1.07377	.68746
1.496	1.124	1.06012	1.27142	1.17178	1.10253	.71929	1.01014	1.22698	1.11968	1.04581	.65890
1.496	2.030	1.08610	1.28839	1.19123	1.12237	.74189	.99373	1.20379	1.09746	1.02335	.63540
GRADIENT		.01572	.02146	.02291	.02332	.02484	-.03012	-.01987	-.02229	-.02323	-.02531

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

(RCM035) (03 OCT 91)

PARAMETRIC DATA

BETA = .000 PHI = 180.000

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

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CP01	CPU	CPC4	CPC5	CPC6	CP02
1.517	-7.973	.78807	1.06341	.94766	.87755	.49660	1.19387	1.38755	1.30711	1.24388	.88545
1.517	-6.944	.76252	1.08740	.97132	.90106	.52100	1.13037	1.37091	1.28620	1.22147	.85930
1.517	-5.948	.76184	1.10945	.99462	.92491	.54314	1.07720	1.35088	1.26480	1.20010	.83302
1.518	-4.950	.75348	1.13042	1.01785	.94885	.56500	1.02093	1.33365	1.24614	1.17990	.80732
1.517	-3.948	.74892	1.15014	1.03999	.97116	.58642	.96479	1.31723	1.22559	1.15759	.78038
1.518	-2.945	.75895	1.17350	1.06431	.99510	.61033	.91522	1.30095	1.20416	1.13446	.75430
1.517	-1.942	.77831	1.19738	1.08819	1.01831	.63370	.87961	1.28385	1.18151	1.10983	.72744
1.517	-.928	.94780	1.20003	1.11554	1.04387	.65901	.98568	1.28540	1.16186	1.08646	.70153
1.517	-.115	1.00949	1.23889	1.14006	1.06616	.67811	1.01355	1.24122	1.14520	1.06901	.68345
1.517	.978	.96178	1.28798	1.16489	1.09192	.70669	.93261	1.19721	1.11434	1.04063	.65564
1.517	2.017	.88278	1.28700	1.18565	1.11615	.73322	.78395	1.19333	1.08680	1.01432	.63054
	GRADIENT	.03450	.02389	.02475	.02428	.02422	-.01749	-.02118	-.02255	-.02369	-.02533

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

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CP01	CPU	CPC4	CPC5	CPC6	CP02
1.543	-7.971	.59870	1.06534	.93841	.86858	.48943	.98774	1.37824	1.29745	1.23453	.87695
1.543	-6.949	.61407	1.08407	.95918	.88956	.51445	.94937	1.35986	1.27521	1.21132	.85081
1.543	-5.946	.64977	1.09598	.98065	.91235	.53911	.92132	1.34253	1.25424	1.18932	.82538
1.543	-4.944	.67915	1.09415	.99896	.93296	.56061	.89737	1.32840	1.23288	1.16660	.79901
1.543	-3.948	.75190	1.06077	1.01517	.95473	.58317	.91389	1.33223	1.21416	1.14602	.77375
1.543	-2.945	.82891	1.04491	1.04498	.98338	.60641	.94242	1.35701	1.19552	1.12339	.74665
1.543	-1.942	.87579	1.05772	1.08028	1.01250	.63073	.94973	1.34417	1.18002	1.10262	.72153
1.543	-.927	.91222	1.08102	1.11406	1.03880	.65506	.94864	1.24583	1.16225	1.08052	.69546
1.543	-.116	.93381	1.13751	1.14069	1.05926	.67146	.93663	1.13742	1.14295	1.06047	.67613
1.543	1.001	.94575	1.26346	1.16517	1.08546	.70078	.91406	1.07565	1.11154	1.03464	.65062
1.542	2.012	.94423	1.35025	1.18155	1.10651	.72591	.87532	1.05369	1.07627	1.00740	.62579
	GRADIENT	.03828	.03751	.02829	.02559	.02370	-.00208	-.04756	-.02154	-.02270	-.02491

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

(RCM036) (03 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	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
.900	-7.958	.79141	.82709	.71726	.64271	.21437	1.09633	1.13280	1.06668	1.00934	.64230
.900	-6.937	.81511	.84792	.74246	.66875	.24205	1.08090	1.11905	1.04913	.98993	.61568
.900	-5.938	.83743	.87008	.76770	.69545	.26983	1.06460	1.10476	1.03153	.97058	.58994
.900	-4.934	.85837	.89217	.79249	.72076	.29604	1.04734	1.08895	1.01241	.94960	.56289
.900	-3.935	.87985	.91612	.81861	.74703	.32349	1.03095	1.07408	.99461	.92978	.53716
.900	-2.935	.90132	.93898	.84355	.77197	.35154	1.01243	1.05626	.97361	.90723	.50969
.900	-1.929	.92189	.96245	.86710	.79591	.37827	.99451	1.03876	.95278	.88502	.48178
.900	-.918	.94239	.98472	.89099	.82130	.40726	.97693	1.02082	.93160	.86256	.45534
.900	.038	.95898	1.00230	.91176	.84296	.43192	.95918	1.00216	.91024	.83983	.42937
.900	.980	.97682	1.02001	.93242	.86442	.45812	.94109	.98208	.88843	.81649	.40247
.900	2.008	.99618	1.03919	.95440	.88688	.48628	.92065	.95870	.86490	.79198	.37430
GRADIENT		.01978	.02120	.02324	.02393	.02738	-.01821	-.01867	-.02135	-.02279	-.02721

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

(RCM037) (03 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	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
.599	-7.940	.64181	.67634	.56742	.49333	.07881	.97245	1.00634	.94128	.88368	.52055
.600	-6.915	.66801	.70318	.59802	.52408	.10845	.95689	.99298	.92399	.86447	.49394
.599	-5.911	.69229	.72799	.62506	.55119	.13504	.93903	.97649	.90391	.84230	.46434
.600	-4.906	.71896	.75707	.65490	.58178	.16706	.92252	.96194	.88585	.82284	.43938
.600	-3.889	.74159	.78183	.68031	.60767	.19311	.90409	.94427	.86453	.80023	.41070
.600	-2.869	.76553	.80639	.70682	.63488	.22181	.88383	.92553	.84232	.77624	.38152
.601	-1.831	.79041	.83116	.73480	.66340	.25309	.86510	.90756	.82115	.75369	.35423
.601	-.777	.81203	.85341	.75995	.68949	.28298	.84288	.88555	.79628	.72689	.32371
.601	.297	.83409	.87603	.78631	.71702	.31403	.82250	.86448	.77207	.70080	.29488
.600	1.188	.85354	.89596	.80846	.73997	.33974	.80572	.84676	.75182	.67923	.27038
.600	2.118	.87152	.91410	.82846	.76115	.36480	.78503	.82644	.72857	.65486	.24392
GRADIENT		.02181	.02235	.02491	.02574	.02848	-.01951	-.01928	-.02232	-.02389	-.02774

IA310 (AEDC 16TF-783) FAIRING-OFF DATABASE (RCM037) (03 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	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
1.250	-7.949	1.01185	1.04702	.94445	.87368	.48546	1.29385	1.33228	1.26754	1.21077	.86622
1.250	-6.928	1.03167	1.06726	.96832	.89781	.50952	1.27857	1.31923	1.24989	1.19084	.84142
1.250	-5.920	1.05195	1.08874	.99185	.92159	.53381	1.26352	1.30422	1.23153	1.17199	.81751
1.250	-4.923	1.07104	1.11209	1.01466	.94465	.55787	1.24541	1.28892	1.21423	1.15344	.79326
1.250	-3.909	1.08990	1.13313	1.03651	.96677	.58196	1.22867	1.27426	1.19646	1.13423	.76886
1.250	-2.895	1.10955	1.15370	1.05878	.98964	.60698	1.21136	1.25802	1.17736	1.11331	.74369
1.250	-1.882	1.12875	1.17399	1.08081	.91288	.63225	1.19485	1.24207	1.15850	1.09288	.72000
1.250	-.860	1.14764	1.19297	1.10254	.83541	.65719	1.17794	1.22483	1.13843	1.07132	.69570
1.250	.186	1.16624	1.21321	1.12540	.65929	.68351	1.16039	1.20688	1.11767	1.04966	.67159
1.250	1.122	1.18256	1.22984	1.14418	1.07832	.70541	1.14371	1.18912	1.09737	1.02861	.64851
1.250	2.079	1.19894	1.24641	1.16327	1.09795	.72831	1.12655	1.17131	1.07743	1.00759	.62596
GRADIENT		.01833	.01921	.02132	.02206	.02446	-.01689	-.01681	-.01956	-.02086	-.02385

RUN NO. 1382/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
1.399	-7.955	1.01881	1.07147	.96218	.88832	.49914	1.33014	1.38112	1.30643	1.24452	.88660
1.400	-6.930	1.03857	1.09355	.98692	.91283	.52227	1.31189	1.36560	1.28749	1.22404	.86151
1.400	-5.923	1.05865	1.11639	1.01107	.93749	.54604	1.29235	1.34978	1.26883	1.20403	.83655
1.400	-4.921	1.07838	1.14048	1.03417	.96908	.56929	1.27248	1.33351	1.24880	1.18277	.81073
1.400	-3.914	1.09959	1.16322	1.05775	.98446	.59327	1.25347	1.31633	1.22869	1.16169	.78578
1.400	-2.905	1.12051	1.18579	1.08187	1.00862	.61753	1.23302	1.29771	1.20809	1.13973	.75958
1.400	-1.890	1.13995	1.20559	1.10496	1.03260	.64242	1.21290	1.28025	1.18783	1.11739	.73398
1.400	-.870	1.16086	1.22681	1.12768	1.05655	.66825	1.19547	1.26233	1.16628	1.09455	.70839
1.400	.172	1.18141	1.24955	1.15255	1.08217	.69469	1.17598	1.24178	1.14238	1.06974	.68190
1.400	1.117	1.19980	1.26811	1.17356	1.10385	.71865	1.15713	1.22222	1.12087	1.04747	.65907
1.400	2.073	1.21743	1.28558	1.19385	1.12430	.74262	1.13755	1.20295	1.09991	1.02561	.63589
GRADIENT		.01989	.02078	.02290	.02354	.02486	-.01914	-.01861	-.02133	-.02257	-.02509

RUN NO. 1394/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
1.450	-7.943	1.00041	1.07098	.96050	.88758	.50224	1.32814	1.38790	1.30999	1.24767	.89220
1.450	-6.906	1.02059	1.09557	.98654	.91362	.52476	1.30800	1.37271	1.29131	1.22812	.86719
1.450	-5.901	1.04007	1.12070	1.01166	.93833	.54717	1.28533	1.35571	1.27307	1.20810	.84166
1.450	-4.896	1.05864	1.14243	1.03400	.96078	.56984	1.26313	1.33988	1.25293	1.18606	.81562
1.450	-3.882	1.07990	1.16524	1.05748	.98414	.59423	1.24317	1.32180	1.23191	1.16464	.78983
1.450	-2.864	1.10036	1.18870	1.08253	1.00958	.62001	1.21926	1.30308	1.21193	1.14385	.76293
1.450	-1.834	1.12144	1.20814	1.10573	1.03387	.64582	1.19721	1.28604	1.19156	1.12067	.73674
1.450	-.781	1.14476	1.23128	1.12949	1.05751	.67165	1.17858	1.26947	1.16876	1.09525	.71076
1.450	.281	1.16966	1.25745	1.15709	1.08526	.69922	1.15905	1.24865	1.14541	1.07093	.68329
1.450	1.175	1.18771	1.27591	1.17705	1.10647	.72303	1.13943	1.22658	1.12350	1.04972	.65952
1.450	2.113	1.20332	1.29175	1.19789	1.12793	.74651	1.11805	1.20494	1.10095	1.02631	.63599
GRADIENT		.02103	.02156	.02349	.02396	.02527	-.02043	-.01884	-.02153	-.02282	-.02562

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

(RCM037) (03 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	CPB	CPC1	CPC2	CPC3	CPC01	CPU	CPC4	CPC5	CPC6	CPC02
1.543	-7.946	.59938	1.06160	.94101	.87178	.48970	.98784	1.37602	1.29522	1.23255	.87561
1.543	-6.915	.61671	1.08146	.96416	.89501	.51582	.94764	1.35709	1.27260	1.20878	.84879
1.543	-5.911	.64873	1.09305	.98668	.91836	.54030	.91895	1.33839	1.25026	1.18568	.82244
1.542	-4.907	.68098	1.09720	1.00974	.94241	.56219	.89498	1.32501	1.23023	1.16450	.79683
1.554	-3.893	.74178	1.06591	1.02874	.96533	.58358	.90153	1.32376	1.21027	1.14265	.77073
1.554	-2.878	.82260	1.04788	1.05312	.60622	.60622	.93589	1.35057	1.19171	1.12015	.74362
1.554	-1.847	.86956	1.06567	1.08674	1.01636	.63023	.94103	1.33743	1.17492	1.09857	.71754
1.543	-.811	.90359	1.09835	1.11979	1.04190	.65384	.93744	1.24031	1.15700	1.07612	.69121
1.543	.246	.92803	1.18242	1.14827	1.06712	.68047	.92415	1.12294	1.13434	1.05238	.66679
1.554	1.160	.93730	1.28831	1.16707	1.08829	.70396	.90142	1.07336	1.10653	1.03024	.64642
1.554	2.101	.93925	1.35283	1.18258	1.10832	.72846	.86801	1.05367	1.07371	1.00474	.62386
	GRADIENT	.03718	.03908	.02624	.02403	.02374	-.00255	-.04634	-.02124	-.02248	-.02467

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

(RCM038) (03 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	CPB	CPC1	CPC2	CPC3	CPC01	CPU	CPC4	CPC5	CPC6	CPC02
.599	-7.904	.63349	.66977	.56385	.48904	.07627	.96505	.99988	.93568	.87867	.51613
.599	-6.881	.66133	.69894	.59351	.51928	.10595	.94939	.98579	.91788	.85898	.48976
.600	-5.867	.68691	.72621	.62209	.54914	.13605	.93195	.97019	.89866	.83776	.46203
.600	-4.858	.71234	.75301	.65022	.57764	.16481	.91467	.95522	.87999	.81779	.43526
.600	-3.840	.73504	.77590	.67629	.60451	.19190	.89601	.93725	.85860	.79500	.40654
.600	-2.811	.75904	.80086	.70252	.63100	.22179	.87613	.91830	.83625	.77104	.37828
.601	-1.776	.78308	.82399	.72963	.65892	.25178	.85582	.89842	.81304	.74633	.34845
.601	-.745	.80619	.84837	.75685	.68697	.28252	.83620	.87946	.79130	.72254	.32057
.600	.265	.82702	.87031	.78137	.71241	.31131	.81637	.85957	.76842	.69820	.29316
.600	1.223	.84799	.89147	.80507	.73831	.33831	.79846	.84075	.74648	.67508	.26647
.600	2.191	.86705	.91078	.82634	.75956	.36500	.77812	.82007	.72342	.65053	.24041
	GRADIENT	.02208	.02256	.02521	.02600	.02865	-.01934	-.01911	-.02214	-.02370	-.02765

IA310 (AEDC 16TF-783) FAIRING-OFF DATABASE (RCM038) (03 OCT 91)

PARAMETRIC DATA

BETA = 2.000 PHI = 180.000

RUN NO. 1372/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
1.249	-7.933	1.00620	1.04296	.94099	.86982	.48388	1.28815	1.32694	1.26308	1.20711	.86316
1.250	-6.901	1.02675	1.06671	.96475	.89485	.50812	1.27358	1.31495	1.24628	1.18774	.83873
1.250	-5.895	1.04728	1.08970	.98840	.91890	.53265	1.25855	1.30030	1.22802	1.16867	.81497
1.251	-4.885	1.06706	1.10967	1.01198	.94281	.55763	1.24100	1.28443	1.21025	1.15009	.79095
1.250	-3.881	1.08549	1.12957	1.03334	.96409	.58072	1.22330	1.26927	1.19231	1.13059	.76627
1.251	-2.865	1.10509	1.14953	1.05595	.98735	.60601	1.20623	1.25335	1.17344	1.11006	.74174
1.250	-1.850	1.12433	1.16940	1.07771	1.01035	.63099	1.18935	1.23687	1.15400	1.08908	.71723
1.250	-.841	1.14271	1.18861	1.09920	1.03270	.65597	1.17278	1.22005	1.13447	1.06824	.69366
1.250	.160	1.16040	1.20766	1.12039	1.05475	.68051	1.15564	1.20241	1.11416	1.04713	.66981
1.249	1.132	1.17769	1.22536	1.14087	1.07563	.70419	1.13873	1.18458	1.09394	1.02613	.64678
1.250	2.124	1.19471	1.24251	1.16030	1.09548	.72744	1.12071	1.16569	1.07283	1.00379	.62254
GRADIENT		.01827	.01903	.02126	.02198	.02440	-.01702	-.01691	-.01960	-.02085	-.02393

RUN NO. 1383/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
1.400	-7.936	1.01405	1.07033	.95931	.88559	.49850	1.32476	1.37617	1.30226	1.24077	.88385
1.400	-6.910	1.03438	1.09485	.98384	.91071	.52161	1.30704	1.36108	1.28362	1.22065	.85914
1.400	-5.900	1.05405	1.11580	1.00824	.93486	.54490	1.28762	1.34485	1.26453	1.20038	.83385
1.400	-4.897	1.07449	1.13761	1.03194	.95929	.56888	1.26784	1.32856	1.24484	1.17926	.80816
1.400	-3.883	1.09456	1.15909	1.05457	.98208	.59192	1.24805	1.31156	1.22453	1.15758	.78280
1.400	-2.875	1.11603	1.18130	1.07939	1.00685	.61685	1.22796	1.29309	1.20347	1.13544	.75738
1.400	-1.860	1.13643	1.20272	1.10281	1.03103	.64209	1.20794	1.27455	1.18258	1.11317	.73175
1.400	-.854	1.15584	1.22262	1.12439	1.05388	.66677	1.18942	1.25573	1.16096	1.09049	.70614
1.400	.146	1.17610	1.24444	1.14853	1.07883	.69314	1.17119	1.23733	1.13935	1.06783	.68171
1.399	1.119	1.19427	1.26298	1.16992	1.10079	.71696	1.15145	1.21784	1.11746	1.04476	.65710
1.400	2.113	1.21433	1.28199	1.19162	1.12271	.74298	1.13292	1.19920	1.09632	1.02287	.63421
GRADIENT		.01993	.02067	.02286	.02349	.02492	-.01921	-.01854	-.02126	-.02239	-.02494

RUN NO. 1395/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
1.449	-7.907	.99563	1.07048	.95733	.88481	.50187	1.32215	1.38195	1.30480	1.24311	.88870
1.449	-6.875	1.01469	1.09372	.98133	.90978	.52286	1.30047	1.36498	1.28465	1.22213	.86274
1.450	-5.863	1.03436	1.11644	1.00739	.93478	.54566	1.27878	1.34842	1.26647	1.20263	.83747
1.450	-4.848	1.05613	1.13993	1.03273	.96024	.57083	1.25839	1.33381	1.24873	1.18268	.81281
1.450	-3.831	1.07620	1.16109	1.05551	.98287	.59443	1.23776	1.31708	1.22833	1.16146	.78732
1.450	-2.807	1.09807	1.18518	1.08055	1.00828	.62028	1.21550	1.29807	1.20663	1.13866	.76062
1.450	-1.777	1.11864	1.20671	1.10488	1.03324	.64700	1.19207	1.27973	1.18528	1.11595	.73522
1.450	-.748	1.13916	1.22695	1.12690	1.05559	.67102	1.17099	1.26044	1.16225	1.09091	.70839
1.450	.258	1.16099	1.24963	1.15170	1.08092	.69680	1.15193	1.24086	1.14026	1.06715	.68179
1.450	1.219	1.18100	1.26921	1.17430	1.10473	.72190	1.13267	1.22128	1.11920	1.04593	.65722
1.449	2.188	1.20021	1.28608	1.19423	1.12603	.74658	1.11204	1.20097	1.09546	1.02144	.63206
GRADIENT		.02056	.02098	.02314	.02373	.02503	-.02080	-.01888	-.02172	-.02297	-.02572

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

(RCM038) (03 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	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
1.471	-7.914	.96880	1.06853	.95350	.88098	.49815	1.30755	1.38498	1.30526	1.24071	.88068
1.471	-6.874	.98632	1.09226	.97877	.90586	.52024	1.28443	1.36656	1.28348	1.21880	.85467
1.471	-5.871	1.00290	1.11432	1.00369	.93021	.54223	1.25673	1.34764	1.26208	1.19645	.82790
1.471	-4.859	1.02035	1.13693	1.02719	.95454	.56527	1.23065	1.32970	1.24133	1.17484	.80268
1.471	-3.843	1.03865	1.15871	1.05053	.97815	.58872	1.20529	1.31064	1.21991	1.15252	.77722
1.471	-2.823	1.05823	1.18104	1.07459	1.00241	.61341	1.17943	1.29189	1.19867	1.12969	.75111
1.471	-1.794	1.07717	1.20241	1.09771	1.02577	.63884	1.15387	1.27244	1.17657	1.10676	.72506
1.471	-.767	1.09714	1.22197	1.11872	1.04773	.66280	1.12991	1.25301	1.15459	1.08382	.69966
1.471	.237	1.11808	1.24160	1.14112	1.07113	.68893	1.10804	1.23385	1.13304	1.06140	.67390
1.471	1.199	1.13997	1.26119	1.16342	1.09432	.71366	1.09029	1.21649	1.11230	1.03977	.65078
1.471	2.176	1.16433	1.27975	1.18430	1.11541	.73802	1.07309	1.19692	1.09083	1.01731	.62579
	GRADIENT	.02023	.02024	.02226	.02286	.02462	-.02265	-.01882	-.02138	-.02237	-.02513

RUN NO. 1406/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
1.496	-7.918	.94489	1.07336	.95746	.88559	.50480	1.29571	1.39133	1.31174	1.24850	.86668
1.496	-6.885	.95465	1.09675	.98302	.91048	.52708	1.26528	1.37457	1.29164	1.22667	.86030
1.496	-5.877	.96244	1.12043	1.00789	.93483	.54822	1.23067	1.35661	1.27054	1.20459	.83393
1.496	-4.860	.97637	1.14511	1.03268	.96001	.57157	1.19889	1.33937	1.24978	1.18269	.80883
1.496	-3.851	.98446	1.16990	1.05415	.98150	.59270	1.16164	1.31895	1.22615	1.15787	.78177
1.496	-2.829	.99775	1.18984	1.07898	1.00610	.61713	1.12736	1.29876	1.20382	1.13443	.75600
1.496	-1.803	1.00711	1.21068	1.10298	1.03076	.64220	1.09062	1.27828	1.18084	1.11073	.72981
1.496	-.781	1.02575	1.22973	1.12559	1.05448	.66780	1.06308	1.25939	1.15952	1.08853	.70535
1.496	.222	1.04636	1.24872	1.14717	1.07708	.69304	1.03750	1.24067	1.13738	1.06589	.68069
1.496	1.186	1.07185	1.26759	1.16862	1.09908	.71731	1.01878	1.22341	1.11735	1.04497	.65690
1.496	2.167	1.10163	1.28675	1.19031	1.12122	.74158	1.00443	1.20664	1.09644	1.02291	.63208
	GRADIENT	.01745	.02000	.02251	.02310	.02444	-.02810	-.01893	-.02174	-.02260	-.02498

RUN NO. 1429/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
1.518	-7.914	.78287	1.06308	.94783	.87695	.49536	1.18558	1.38262	1.30312	1.23998	.88133
1.518	-6.885	.75695	1.09069	.97383	.90208	.52092	1.12270	1.36666	1.28232	1.21807	.85606
1.518	-5.877	.75779	1.11747	.99885	.92685	.54410	1.07082	1.34635	1.26055	1.19614	.82994
1.518	-4.862	.74812	1.14266	1.02282	.95053	.56571	1.00971	1.32656	1.23946	1.17418	.80283
1.518	-3.851	.73928	1.16555	1.04511	.97324	.58749	.94807	1.30927	1.21875	1.15221	.77609
1.519	-2.830	.75021	1.18805	1.06914	.99737	.61247	.89932	1.29253	1.19737	1.12900	.74979
1.518	-1.803	.77249	1.20859	1.09266	1.02179	.63825	.86908	1.27548	1.17532	1.10514	.72373
1.517	-.783	.79283	1.22819	1.11445	.104392	.66147	.83608	1.25692	1.15097	1.07914	.69666
1.517	.224	82302	1.24901	1.14054	1.07019	.68798	.81687	1.24099	1.12852	1.05559	.67262
1.518	1.185	.84515	1.26665	1.16368	1.09395	.71354	.79283	1.22438	1.10745	1.03379	.64959
1.518	2.165	.87719	1.28337	1.18552	1.11693	.73809	.77193	1.20404	1.08490	1.01102	.62662
	GRADIENT	.01973	.02003	.02327	.02376	.02468	-.03223	-.01721	-.02211	-.02343	-.02513

(RCM038) (03 OCT 91)

PARAMETRIC DATA

BETA = 2.000 PHI = 180.000

RUN NO. 1418/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPCB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
1.543	-7.916	.60229	1.06018	.94140	.87049	.48925	.99060	1.37087	1.29088	1.22882	.87265
1.542	-6.884	.61495	1.08233	.96641	.89416	.51429	.94428	1.35133	1.26777	1.20465	.84545
1.543	-5.876	.64344	1.10281	.99265	.91927	.53833	.91693	1.33324	1.24623	1.18220	.81979
1.543	-4.865	.67455	1.11679	1.01920	.94446	.56079	.89136	1.31814	1.22544	1.16057	.79423
1.543	-3.851	.71360	1.11627	1.04359	.96823	.58203	.87797	1.31011	1.20517	1.13875	.76823
1.543	-2.829	.80018	1.06719	1.06727	.99315	.60482	.91645	1.33153	1.18644	1.11650	.74165
1.543	-1.804	.84869	1.09150	1.09318	1.01678	.62845	.92248	1.33271	1.16814	1.09385	.71519
1.543	-.780	.88294	1.13639	1.12058	.91840	.65342	.91840	1.26700	1.15153	1.07230	.69028
1.543	.223	.90624	1.22057	1.14356	1.06407	.67879	.90525	1.16316	1.13245	1.05094	.66656
1.543	1.187	.91896	1.30828	1.16284	1.08596	.70349	.88280	1.09932	1.10870	1.02352	.64446
1.542	2.165	.92120	1.34350	1.17908	1.10620	.72730	.84733	1.06392	1.07793	1.00440	.62116
GRADIENT		.03684	.03590	.02333	.02315	.02388	-.00371	-.04010	-.02000	-.02196	-.02461

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

(RCM039) (03 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	CPCB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
.600	-7.870	.62448	.66235	.55745	.48322	.07277	.95458	.98983	.92767	.87176	.51209
.600	-6.847	.65109	.68881	.58657	.51244	.10021	.93840	.97578	.90942	.85142	.48379
.600	-5.836	.67723	.71583	.61553	.54182	.12977	.92187	.96128	.89143	.83156	.45736
.601	-4.820	.70270	.74263	.64359	.57084	.15995	.90285	.94388	.87040	.80950	.42911
.601	-3.798	.72569	.76687	.66974	.59767	.18872	.88354	.92634	.84949	.78693	.40114
.601	-2.772	.74989	.79257	.69700	.62547	.21814	.86570	.90957	.82920	.76484	.37309
.600	-1.746	.77359	.81666	.72352	.65280	.24879	.84670	.89082	.80725	.74154	.34539
.601	-.728	.79639	.83967	.75014	.68003	.27919	.82658	.87069	.78439	.71659	.31668
.601	.283	.81578	.85986	.77317	.70404	.30743	.80464	.84890	.75950	.69072	.28831
.601	1.256	.83740	.88133	.79702	.72924	.33527	.78677	.82989	.73772	.66785	.26303
.601	2.230	.85695	.90155	.81984	.75329	.36256	.76593	.80943	.71408	.64312	.23515
GRADIENT		.02192	.02253	.02507	.02592	.02888	-.01940	-.01916	-.02222	-.02367	-.02749

IA310 (AEDC 16TF-783) FAIRING-OFF DATABASE (RCMO39) (03 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	CPB	CPC1	CPC2	CPC3	CPC01	CPU	CPC4	CPC5	CPC6	CP02
.800	-7.894	.71173	.74766	.64079	.56485	.13268	1.02874	1.06629	1.00195	.94584	.57632
.800	-6.871	.73675	.77329	.66916	.59384	.16236	1.01237	1.05186	.98385	.92567	.54903
.800	-5.863	.76025	.79856	.69607	.62146	.19098	.99585	1.03730	.96560	.90550	.52170
.800	-4.855	.78468	.82412	.72339	.64944	.22162	.97835	1.02145	.94630	.88426	.49472
.800	-3.840	.80729	.84819	.74970	.67622	.25245	.96027	1.00468	.92668	.86256	.46725
.800	-2.821	.82951	.87171	.77529	.70229	.28111	.94265	.98784	.90614	.84050	.43923
.800	-1.811	.85169	.89509	.80106	.72925	.31112	.92409	.96961	.88483	.81755	.41130
.800	-.799	.87211	.91692	.82524	.75478	.33959	.90495	.95046	.86222	.79412	.38264
.800	.208	.89225	.93851	.84950	.77974	.36875	.88573	.93093	.83977	.77047	.35486
.800	1.184	.91195	.95795	.87184	.80333	.39682	.86586	.91019	.81675	.74643	.32730
.800	2.163	.93153	.97715	.89403	.82628	.42518	.84595	.88962	.79332	.72195	.29954
GRADIENT		.02087	.02185	.02433	.02527	.02891	-.01883	-.01879	-.02184	-.02312	-.02783

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

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPC01	CPU	CPC4	CPC5	CPC6	CP02
.900	-7.891	.77613	.80997	.70588	.63130	.20813	1.07840	1.11564	1.05227	.99676	.63278
.900	-6.864	.79904	.83495	.73269	.65857	.23513	1.06287	1.10253	1.03528	.97772	.60704
.900	-5.856	.82068	.85825	.75804	.68447	.26242	1.04617	1.08752	1.01684	.95744	.57403
.900	-4.840	.84338	.88279	.78375	.71117	.29095	1.02921	1.07211	.99844	.93681	.55353
.900	-3.827	.86560	.90598	.80904	.73724	.31994	1.01200	1.05628	.97924	.91601	.52642
.900	-2.811	.88715	.92886	.83431	.76277	.34857	.99508	1.04021	.95981	.89506	.50017
.900	-1.792	.90753	.95007	.85805	.78755	.37611	.97638	1.02178	.93824	.87226	.47238
.900	-.782	.92791	.97235	.88253	.81281	.40485	.95892	1.00411	.91744	.85038	.44587
.900	.223	.94591	.99154	.90420	.83574	.43142	.93902	.98366	.89442	.82615	.41767
.900	1.198	.96579	1.01197	.92700	.85969	.45948	.92152	.96557	.87378	.80428	.39203
.900	2.177	.98442	1.02974	.94778	.88167	.48662	.90227	.94548	.85119	.78076	.36508
GRADIENT		.01998	.02097	.02338	.02430	.02779	-.01809	-.01810	-.02104	-.02228	-.02685

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

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPC01	CPU	CPC4	CPC5	CPC6	CP02
1.099	-7.937	.93281	.96476	.86656	.79727	.41370	1.20776	1.24320	1.18384	1.13172	.79757
1.100	-6.912	.95403	.98749	.89128	.82229	.43873	1.19372	1.23107	1.16830	1.11403	.77363
1.100	-5.909	.97358	1.00907	.91439	.84566	.46291	1.17927	1.21822	1.15216	1.09627	.74955
1.100	-4.904	.99335	1.03057	.93744	.86905	.48758	1.16379	1.20412	1.13499	1.07742	.72511
1.100	-3.904	1.01231	1.05070	.95936	.89219	.51171	1.14782	1.18929	1.11731	1.05859	.70085
1.100	-2.917	1.03103	1.07024	.98096	.91437	.53552	1.13183	1.17438	1.09935	1.03948	.67765
1.100	-1.896	1.04961	1.08960	1.00295	.93745	.56077	1.11434	1.15751	1.07968	1.01859	.65238
1.100	-.924	1.06714	1.10831	1.02411	.95885	.58541	1.09830	1.14110	1.06088	.99843	.62829
1.100	.079	1.08398	1.12652	1.04433	.98007	.60987	1.08163	1.12393	1.04142	.97775	.60416
1.100	1.067	1.10028	1.14378	1.06397	1.00070	.63397	1.06445	1.10602	1.02135	.95658	.58042
1.100	2.057	1.11662	1.16033	1.08275	1.02100	.65798	1.04655	1.08759	1.00032	.93472	.55555
GRADIENT		.01771	.01869	.02097	.02184	.02456	-.01681	-.01675	-.01933	-.02052	-.02434

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

(RCM039) (03 OCT 91)

PARAMETRIC DATA

BETA = 3.000 PHI = 180.000

RUN NO. 1373/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
1.249	-7.914	.99928	1.03681	.93551	.86434	.48137	1.28176	1.32037	1.25756	1.20254	.86002
1.250	-6.882	1.02018	1.05952	.95982	.88939	.50664	1.26580	1.30737	1.24068	1.18331	.83523
1.250	-5.876	1.04008	1.08070	.98276	.91345	.53017	1.25092	1.29374	1.22291	1.16405	.81156
1.250	-4.869	1.05990	1.10181	1.00619	.93738	.55459	1.23373	1.27677	1.20351	1.14401	.78640
1.250	-3.858	1.07882	1.12262	1.02836	.95920	.57886	1.21580	1.26145	1.18601	1.12510	.76277
1.250	-2.845	1.09770	1.14254	1.05063	.98238	.60344	1.19854	1.24574	1.16741	1.10499	.73835
1.250	-1.834	1.11709	1.16271	1.07279	1.00579	.62905	1.18151	1.22938	1.14821	1.08437	.71436
1.250	-.828	1.13576	1.18223	1.09443	1.02815	.65370	1.16517	1.21270	1.12887	1.06405	.69058
1.250	.177	1.15387	1.20090	1.11529	1.04976	.67807	1.14803	1.19480	1.10831	1.04267	.66662
1.250	1.157	1.17082	1.21870	1.13553	1.07034	.70156	1.13024	1.17660	1.08763	1.02125	.64293
1.250	2.146	1.18830	1.23616	1.15518	1.09098	.72533	1.11243	1.15763	1.06675	.99919	.61895
1.250	GRADIENT	.01835	.01918	.02130	.02202	.02442	-.01715	-.01694	-.01953	-.02065	-.02386

RUN NO. 1384/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
1.400	-7.924	1.00650	1.06237	.95303	.87927	.49591	1.31726	1.36873	1.29633	1.23557	.88041
1.400	-6.889	1.02760	1.08632	.97918	.90471	.51951	1.29959	1.35381	1.27777	1.21544	.85558
1.400	-5.884	1.04785	1.10804	1.00331	.93079	.54292	1.28095	1.33806	1.25883	1.19562	.83089
1.400	-4.877	1.06725	1.12965	1.02666	.95647	.56647	1.25986	1.32051	1.23838	1.17384	.80434
1.400	-3.871	1.08829	1.15234	1.05029	.97872	.59073	1.24075	1.30411	1.21871	1.15258	.77927
1.400	-2.858	1.10980	1.17497	1.07489	1.00315	.61524	1.22220	1.28719	1.19920	1.13169	.75521
1.400	-1.846	1.12970	1.19555	1.09767	1.02649	.63963	1.20127	1.26708	1.17627	1.10763	.72854
1.400	-.842	1.15025	1.21662	1.12045	1.05033	.66536	1.18278	1.24883	1.15550	1.08628	.70363
1.400	.162	1.16998	1.23712	1.14280	1.07351	.69095	1.16340	1.22974	1.13355	1.06353	.67857
1.399	1.144	1.18923	1.25629	1.16457	1.09566	.71546	1.14400	1.21035	1.11205	1.04083	.65473
1.400	2.136	1.20872	1.27544	1.18563	1.11700	.74041	1.12435	1.18976	1.08976	1.01723	.62991
1.400	GRADIENT	.02014	.02075	.02269	.02322	.02486	-.01932	-.01869	-.02127	-.02233	-.02492

RUN NO. 1397/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
1.449	-7.881	.98806	1.06157	.95106	.87851	.49992	1.31496	1.37367	1.29801	1.23704	.88465
1.452	-6.841	1.01049	1.08717	.97948	.90717	.52359	1.29600	1.36063	1.28162	1.21903	.86182
1.450	-5.831	1.02876	1.10936	1.00284	.93113	.54511	1.27266	1.34118	1.26027	1.19707	.83455
1.450	-4.816	1.05027	1.13274	1.02829	.95633	.56949	1.25151	1.32530	1.24215	1.17737	.80921
1.450	-3.797	1.06932	1.15415	1.05077	.97898	.59318	1.22874	1.30822	1.22145	1.15541	.78279
1.450	-2.771	1.09248	1.17837	1.07629	1.00483	.61935	1.20993	1.29199	1.20211	1.13458	.75826
1.450	-1.750	1.11359	1.20041	1.10006	1.02885	.64454	1.18727	1.27219	1.17900	1.11011	.73108
1.450	-.735	1.13419	1.22186	1.12349	1.05259	.66988	1.16535	1.25325	1.15739	1.08725	.70555
1.450	.274	1.15517	1.24199	1.14573	1.07528	.69502	1.14488	1.23283	1.13520	1.06375	.67949
1.450	1.248	1.17524	1.26114	1.16660	1.09740	.71894	1.12472	1.21269	1.11257	1.04045	.65380
1.449	2.224	1.19654	1.28061	1.18831	1.12004	.74446	1.10518	1.19259	1.08898	1.01638	.62873
1.449	GRADIENT	.02081	.02106	.02281	.02331	.02488	-.02081	-.01893	-.02172	-.02288	-.02563

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

(RCMO39) (03 OCT 91)

PARAMETRIC DATA

BETA = 3.000 PHI = 180.000

RUN NO. 1440/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
1.471	-7.885	.96305	1.05979	.94776	.87463	.49548	1.30060	1.37691	1.29999	1.23647	.87723
1.471	-6.853	.98062	1.08343	.97399	.90126	.51833	1.27720	1.36040	1.25812	1.21390	.85075
1.471	-5.839	.99927	1.10733	.99895	.92642	.54110	1.25262	1.34212	1.27613	1.19304	.82575
1.471	-4.824	1.01599	1.12910	1.02271	.95058	.56417	1.22516	1.32269	1.23556	1.17003	.79916
1.471	-3.813	1.03422	1.15117	1.04603	.97452	.58775	1.19947	1.30336	1.21348	1.14682	.77326
1.471	-2.791	1.05462	1.17385	1.07002	.99868	.61239	1.17487	1.28440	1.19282	1.12517	.74821
1.471	-1.767	1.07445	1.19541	1.09351	1.02227	.63708	1.15047	1.26502	1.17187	1.10345	.72273
1.471	-.755	1.09516	1.21602	1.11524	1.04435	.66098	1.12710	1.24697	1.14985	1.08052	.69657
1.470	.256	1.11665	1.23568	1.13644	1.06692	.68655	1.10546	1.22719	1.12764	1.05712	.67112
1.471	1.229	1.13875	1.25600	1.15853	1.08959	.71191	1.08656	1.20845	1.10667	1.03540	.64772
1.471	2.209	1.16153	1.27608	1.18101	1.11216	.73724	1.06755	1.18866	1.08530	1.01275	.62276
GRADIENT		.02066	.02080	.02236	.02285	.02457	.02246	.01895	.02132	.02228	-.02506

RUN NO. 1407/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
1.496	-7.892	.94153	1.06487	.95206	.87956	.50223	1.29123	1.38399	1.30642	1.24394	.88362
1.496	-6.856	.95370	1.08853	.97826	.90616	.52510	1.26139	1.36767	1.28638	1.22223	.85730
1.496	-5.845	.96240	1.11182	1.00243	.93040	.54674	1.22851	1.34998	1.26522	1.20009	.83070
1.496	-4.833	.97369	1.13526	1.02698	.95505	.56939	1.19500	1.33138	1.24338	1.17747	.80475
1.496	-3.821	.98562	1.15685	1.04935	.97761	.59149	1.16051	1.31149	1.22053	1.15345	.77816
1.496	-2.798	.99954	1.18045	1.07382	1.00190	.61554	1.12852	1.29300	1.19980	1.13132	.75344
1.496	-1.781	1.01440	1.20338	1.09780	1.02611	.63986	1.09659	1.27273	1.17677	1.10773	.72721
1.496	-.768	1.03331	1.22385	1.12177	1.05091	.66593	1.06889	1.25438	1.15557	1.08563	.70302
1.496	.241	1.05492	1.24407	1.14421	1.07445	.69158	1.04435	1.23547	1.13400	1.06350	.67870
1.496	1.216	1.07854	1.26333	1.16551	1.09638	.71588	1.02333	1.21649	1.11253	1.04100	.65386
1.496	2.194	1.10769	1.28326	1.18757	1.11843	.74039	1.00753	1.19690	1.09080	1.01835	.62913
GRADIENT		.01877	.02108	.02296	.02343	.02453	.02699	.01902	.02162	.02250	-.02484

RUN NO. 1430/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
1.517	-7.894	.78619	1.05533	.94242	.87186	.49340	1.18573	1.37458	1.29756	1.23574	.87831
1.518	-6.856	.76510	1.08223	.96837	.89797	.51867	1.12642	1.35968	1.27708	1.21325	.85254
1.518	-5.846	.75773	1.10787	.99292	.92195	.54126	1.07075	1.34041	1.25500	1.19101	.82671
1.518	-4.834	.75959	1.13324	1.01754	.94644	.56391	1.01744	1.31959	1.23315	1.16918	.79965
1.518	-3.816	.75300	1.15639	1.04128	.97029	.58729	.95872	1.30203	1.21286	1.14783	.77385
1.518	-2.798	.75539	1.17823	1.06385	.99312	.61088	.90443	1.28402	1.19125	1.12447	.74718
1.517	-.767	.77398	1.20006	1.08789	1.01780	.63653	.86658	1.26626	1.16915	1.10025	.72127
1.518	.238	.79238	1.21894	1.11072	1.04094	.66072	.83365	1.24846	1.14685	1.07601	.69580
1.518	1.216	.81952	1.23969	1.13622	1.06994	.68741	.81141	1.23181	1.12514	1.05353	.67168
1.517	2.194	.84231	1.25730	1.15808	1.08949	.71170	.78437	1.21293	1.10125	1.02920	.64686
GRADIENT		-.87627	1.27535	1.17966	1.11239	.73676	.76561	1.19390	1.07769	1.00535	.62271
		.01741	.02016	.02319	.02370	.02469	.03493	.01775	.02209	.02340	-.02516

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

(RCMO39) (03 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	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
1.543	-7.891	.60033	1.05485	.93437	.86398	.48668	.99560	1.36335	1.28470	1.22352	.86901
1.543	-6.859	.61191	1.08292	.96146	.88943	.51228	.94440	1.34430	1.26262	1.20031	.84237
1.543	-5.844	.63450	1.11031	.98802	.91470	.53615	.91362	1.32644	1.24128	1.17810	.81711
1.543	-4.834	.66614	1.13528	1.01468	.93969	.55845	.88708	1.30903	1.21953	1.15589	.79107
1.543	-3.820	.69479	1.15736	1.03950	.96336	.57997	.86462	1.29628	1.19888	1.13379	.76530
1.543	-2.798	.74108	1.17006	1.06500	.98786	.60247	.86200	1.29302	1.17898	1.11179	.73958
1.543	-1.780	.81357	1.15897	1.09195	1.01286	.62661	.89039	1.31288	1.16042	1.08950	.71331
1.543	-.767	.85073	1.20645	1.11482	1.03544	.65170	.88778	1.29487	1.14272	1.06748	.68845
1.543	.240	.87548	1.26984	1.13527	1.05895	.67712	.87430	1.22640	1.12434	1.04605	.66430
1.543	1.215	.88749	1.31422	1.15467	1.08081	.70179	.84929	1.15638	1.10468	1.02476	.64162
1.543	2.193	.88743	1.31669	1.17343	1.10284	.72721	.80938	1.11961	1.08229	1.00257	.61946
	GRADIENT	.03503	.02837	.02274	.02327	.02413	-.00687	-.02643	-.01909	-.02175	-.02451

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

(RCMO40) (03 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	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
.599	-7.846	.60990	.64767	.54678	.47397	.06470	.94058	.97679	.91705	.86260	.50480
.600	-6.821	.63742	.67509	.57684	.50400	.09540	.92331	.96123	.89747	.84096	.47648
.600	-5.807	.66262	.70152	.60507	.53241	.12404	.90578	.94557	.87835	.82056	.44904
.600	-4.791	.68778	.72827	.63307	.56110	.15316	.88785	.92987	.85893	.79941	.42222
.600	-3.770	.71266	.75424	.66050	.58934	.18245	.86914	.91274	.83839	.77717	.39439
.601	-2.748	.73658	.77972	.68777	.61707	.21192	.85083	.89593	.81813	.75528	.36668
.601	-1.729	.75827	.80217	.71229	.64245	.24088	.83046	.87584	.79507	.73078	.33871
.600	-.717	.78235	.82653	.73959	.67025	.27136	.81241	.85861	.77461	.70824	.31174
.600	.292	.80438	.84943	.76485	.69645	.30049	.79306	.83863	.75167	.68431	.28398
.600	1.274	.82414	.86931	.78729	.72012	.32908	.77175	.81710	.72731	.65889	.25632
.600	2.252	.84408	.88880	.80953	.74382	.35682	.75070	.79506	.70268	.63375	.22867
	GRADIENT	.02220	.02284	.02514	.02598	.02900	-.01935	-.01902	-.02207	-.02346	-.02741

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

(RCM040) (03 OCT 91)

PARAMETRIC DATA

BETA = 4.000 PHI = 180.000

RUN NO. 1349/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPC1	CPC2	CPC3	CPC01	CPC4	CPC5	CPC6	CPC02
.800	-7.878	.73419	.63174	.55704	.12807	1.01536	.99146	.93671	.57003
.800	-6.856	.76069	.66004	.58552	.15671	.99948	.97383	.91693	.54232
.800	-5.842	.78643	.68724	.61374	.18621	.98354	.95606	.89723	.51590
.800	-4.833	.81126	.71389	.64096	.21556	.96561	.93641	.87555	.48889
.800	-3.822	.83652	.74087	.66807	.24557	.94794	.91714	.85425	.46128
.800	-2.809	.86008	.76667	.69467	.27563	.92880	.89575	.83143	.43289
.800	-1.795	.88281	.79131	.71995	.30400	.91068	.87488	.80932	.40535
.800	-.792	.90504	.81563	.74559	.33270	.89140	.85233	.78564	.37695
.800	.216	.92691	.84009	.77102	.36183	.87203	.82974	.76190	.34934
.800	1.200	.94639	.86222	.79434	.39169	.85214	.80669	.73768	.32197
.800	2.182	.96640	.88514	.81835	.42054	.83234	.78343	.71328	.29356
GRADIENT		.02205	.02433	.02525	.02910	-.01900	-.02187	-.02314	-.02780

RUN NO. 1339/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPC1	CPC2	CPC3	CPC01	CPC4	CPC5	CPC6	CPC02
.900	-7.870	.79765	.69696	.62353	.20277	1.06674	1.04303	.98879	.62731
.899	-6.842	.82299	.72419	.65105	.23017	1.05055	1.02562	.96925	.60084
.900	-5.832	.84723	.75011	.67736	.25797	1.03457	1.00793	.94959	.57499
.900	-4.818	.87116	.77534	.70365	.28553	1.01781	1.06110	.92911	.54834
.900	-3.806	.89493	.80091	.72980	.31400	1.00061	1.04536	.90819	.52122
.900	-2.795	.91799	.82601	.75514	.34265	.98256	1.02837	.88686	.49413
.900	-1.780	.93943	.84984	.77970	.37059	.96465	1.01096	.86518	.46801
.900	-.774	.96062	.87301	.80374	.39826	.94611	.99228	.84226	.44079
.900	.234	.98143	.89605	.82821	.42581	.92719	.88600	.81899	.41332
.900	1.214	.95480	.91819	.85448	.45448	.90896	.86462	.79642	.38673
.900	2.199	1.02045	.94029	.87472	.48270	.89009	.84218	.77317	.36004
GRADIENT		.02016	.02342	.02431	.02799	-.01823	-.02104	-.02226	-.02681

RUN NO. 1328/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPC1	CPC2	CPC3	CPC01	CPC4	CPC5	CPC6	CPC02
1.099	-7.928	.95388	.85880	.79062	.40941	1.19821	1.17598	1.12475	.79308
1.100	-6.901	.97733	.88417	.81626	.43532	1.18427	1.16087	1.10765	.76935
1.100	-5.904	.99858	.90721	.83917	.45934	1.16914	1.14442	1.08964	.74514
1.100	-4.898	1.02042	.93040	.86283	.48443	1.15370	1.12724	1.07079	.72066
1.101	-3.898	1.04101	.95232	.88536	.50833	1.13835	1.10987	1.05233	.69735
1.100	-2.902	1.06085	.97399	.90790	.53249	1.12112	1.09086	1.03211	.67236
1.100	-1.906	1.07938	.99490	.92962	.55615	1.10436	1.07231	1.01237	.64840
1.100	-.926	1.09864	1.01656	.95171	.58120	1.08763	1.05324	.99197	.62428
1.100	.093	1.11719	1.03736	.97352	.60632	1.07061	1.03329	.97075	.59955
1.100	1.092	1.13501	1.05719	.99441	.63093	1.05326	1.01262	.94907	.57507
1.100	2.068	1.15145	1.07583	1.01472	.65476	1.03507	.99125	.92703	.55031
GRADIENT		.01883	.02096	.02184	.02452	-.01702	-.01948	-.02064	-.02446

(RCM040) (03 OCT 91)

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

PARAMETRIC DATA

BETA = 4.000 PHI = 180.000

RUN NO. 1374/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPC01	CPU	CPC4	CPC5	CPC6	CPC02
1.249	-7.898	.98901	1.02614	.92794	.85780	.47769	1.27198	1.31050	1.24926	1.19548	.85557
1.250	-6.866	1.01063	1.04919	.95286	.88289	.50281	1.25601	1.29745	1.23288	1.17706	.83093
1.250	-5.859	1.03007	1.07027	.97548	.90651	.52659	1.24017	1.28395	1.21542	1.15780	.80671
1.250	-4.849	1.04951	1.09156	.99782	.92922	.55020	1.22384	1.26818	1.19614	1.13736	.78201
1.250	-3.843	1.06970	1.11354	1.02168	.95328	.57551	1.20698	1.25224	1.17815	1.11812	.75808
1.250	-2.837	1.08814	1.13323	1.04335	.97527	.59977	1.18823	1.23522	1.15883	1.09746	.73350
1.250	-1.821	1.10718	1.15328	1.06571	.99848	.62485	1.17191	1.21969	1.14073	1.07821	.71058
1.250	-.820	1.12544	1.17278	1.08692	1.02104	.64959	1.15442	1.20256	1.12087	1.05744	.68640
1.250	.186	1.14381	1.19183	1.10820	1.04317	.67397	1.13699	1.18477	1.10020	1.03606	.66203
1.250	1.168	1.16137	1.20978	1.12857	1.06413	.69766	1.11943	1.16648	1.07972	1.01472	.63829
1.249	2.159	1.17853	1.22694	1.14815	1.08446	.72146	1.10107	1.14740	1.05855	.99260	.61379
GRADIENT		.01838	.01930	.02141	.02218	.02444	-.01744	-.01714	-.01961	-.02061	-.02394

RUN NO. 1385/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPC01	CPU	CPC4	CPC5	CPC6	CPC02
1.400	-7.865	.99846	1.05259	.94719	.87456	.49419	1.30652	1.35731	1.28688	1.22737	.87483
1.400	-6.874	1.01876	1.07584	.97190	.89892	.51632	1.28962	1.34391	1.26964	1.20867	.85077
1.400	-5.869	1.03904	1.09881	.99634	.92367	.53997	1.27123	1.32809	1.25060	1.18850	.82619
1.400	-4.857	1.05919	1.12142	1.02023	.94843	.56407	1.25170	1.31144	1.23106	1.16797	.80113
1.400	-3.856	1.07928	1.14286	1.04321	.97171	.58758	1.23157	1.29380	1.21086	1.14610	.77539
1.400	-2.846	1.10041	1.16551	1.06787	.99669	.61236	1.21202	1.27618	1.19041	1.12423	.75049
1.400	-1.837	1.12029	1.18644	1.09076	1.02003	.63649	1.19215	1.25757	1.16906	1.10224	.72478
1.400	-.834	1.14075	1.20790	1.11371	1.04378	.66168	1.17290	1.23937	1.14804	1.08021	.69988
1.400	.171	1.16026	1.22790	1.13579	1.06644	.68692	1.15247	1.21949	1.12542	1.05699	.67452
1.400	1.156	1.18026	1.24806	1.15798	1.08925	.71223	1.13359	1.20019	1.10398	1.03460	.65079
1.400	2.146	1.20043	1.26756	1.17967	1.11112	.73724	1.11430	1.17958	1.08183	1.01137	.62637
GRADIENT		.02013	.02089	.02278	.02329	.02477	-.01961	-.01877	-.02133	-.02231	-.02435

RUN NO. 1398/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPC01	CPU	CPC4	CPC5	CPC6	CPC02
1.450	-7.810	.98068	1.05210	.94561	.87418	.49859	1.30578	1.36385	1.28961	1.22977	.87957
1.450	-6.817	1.00221	1.07700	.97188	.90056	.52063	1.28571	1.34872	1.27222	1.21062	.85572
1.450	-5.805	1.02117	1.09967	.99582	.92432	.54252	1.26418	1.33167	1.25221	1.18925	.83059
1.449	-4.787	1.04024	1.12258	1.01988	.94836	.56563	1.24137	1.31326	1.23149	1.16792	.80359
1.450	-3.768	1.06135	1.14468	1.04396	.97277	.59018	1.21985	1.29658	1.21197	1.14756	.77756
1.450	-2.754	1.08245	1.16682	1.06765	.99694	.61572	1.19819	1.27922	1.19125	1.12557	.75153
1.450	-1.733	1.10369	1.18994	1.09205	1.02155	.64101	1.17756	1.26115	1.17020	1.10299	.72613
1.450	-.722	1.12636	1.21303	1.11668	1.04596	.66657	1.15785	1.24260	1.14952	1.08087	.70147
1.450	.286	1.14825	1.23490	1.14015	1.06951	.69172	1.13638	1.22259	1.12674	1.05732	.67551
1.450	1.268	1.16891	1.25459	1.16168	1.09133	.71600	1.11628	1.20178	1.10364	1.03384	.64975
1.450	2.247	1.18904	1.27441	1.18355	1.11468	.74161	1.09546	1.18076	1.08024	1.01038	.62500
GRADIENT		.02128	.02176	.02338	.02365	.02501	-.02063	-.01880	-.02146	-.02245	-.02533

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

(RCMO40) (03 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	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
1.471	-7.862	.95591	1.04901	.94033	.86834	.49148	1.29351	1.36739	1.29322	1.23179	.87372
1.471	-6.828	.97395	1.07341	.96678	.89483	.51543	1.26844	1.35170	1.27218	1.20846	.84689
1.471	-5.815	.99265	1.09768	.99202	.91977	.53881	1.24547	1.33357	1.25060	1.18679	.82153
1.471	-4.801	1.01006	1.11923	1.01506	.94361	.56125	1.21869	1.31364	1.22841	1.16369	.79479
1.470	-3.784	1.02760	1.14110	1.03854	.96787	.58469	1.19252	1.29404	1.20657	1.14087	.76858
1.470	-2.768	1.04724	1.16384	1.06269	.99221	.60961	1.16799	1.27563	1.18573	1.11919	.74352
1.471	-1.753	1.06857	1.18567	1.08621	.99221	.63386	1.14517	1.25676	1.16467	1.09782	.71833
1.471	-.743	1.08970	1.20716	1.10940	1.03920	.65798	1.12148	1.23722	1.14242	1.07511	.69292
1.471	.266	1.11250	1.22816	1.13169	1.06238	.68377	1.10065	1.21809	1.12113	1.05272	.66843
1.471	1.245	1.13384	1.24733	1.15264	1.08361	.70856	1.08006	1.19817	1.09949	1.02985	.64397
1.471	2.231	1.15663	1.26741	1.17499	1.10602	.73389	1.06087	1.17829	1.07746	1.00702	.61873
	GRADIENT	.02099	.02111	.02273	.02308	.02455	-.02241	-.01916	-.02140	-.02218	-.02493

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

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
1.496	-7.869	.93584	1.05347	.94374	.87244	.49793	1.28562	1.37391	1.29856	1.23745	.87977
1.496	-6.830	.95075	1.07866	.97107	.89948	.52224	1.25548	1.35757	1.27842	1.21604	.85298
1.496	-5.823	.96048	1.10155	.99479	.92325	.54368	1.22464	1.34090	1.25824	1.19433	.82719
1.496	-4.809	.97170	1.12458	1.01897	.94779	.56617	1.19268	1.32247	1.23657	1.17174	.80125
1.496	-3.798	.98456	1.14661	1.04248	.97178	.58905	1.15911	1.30279	1.21422	1.14841	.77503
1.496	-2.781	1.00013	1.16885	1.06601	.99529	.61259	1.12779	1.28309	1.19216	1.12532	.74917
1.496	-1.766	1.01645	1.19171	1.09020	1.01970	.63704	1.09862	1.26472	1.17124	1.10396	.72469
1.496	-.758	1.03695	1.21372	1.11435	1.04433	.66233	1.07240	1.24569	1.14921	1.08146	.70002
1.496	.250	1.05978	1.23602	1.13858	1.06924	.68868	1.04829	1.22618	1.12737	1.05878	.67526
1.496	1.232	1.08401	1.25581	1.16047	1.09149	.71332	1.02740	1.20641	1.10558	1.03605	.65052
1.496	2.219	1.11112	1.27590	1.18291	1.11384	.73810	1.00950	1.18573	1.08335	1.01289	.62522
	GRADIENT	.01979	.02166	.02344	.02377	.02461	-.02613	-.01929	-.02169	-.02245	-.02488

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

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
1.518	-7.867	.80297	1.04515	.93649	.86680	.49098	1.19419	1.36419	1.29000	1.23023	.87474
1.518	-6.837	.77349	1.07029	.96070	.89086	.51508	1.12936	1.34921	1.26964	1.20679	.84759
1.518	-5.826	.76603	1.09571	.98585	.91622	.53846	1.07507	1.33213	1.24816	1.18439	.82217
1.517	-4.811	.76763	1.11998	1.00946	.93966	.56018	1.02492	1.31106	1.22515	1.16162	.79517
1.518	-3.796	.77003	1.14328	1.03452	.96441	.58415	.97227	1.29142	1.20351	1.13968	.76892
1.518	-2.779	.76958	1.16497	1.05766	.98801	.60845	.91983	1.27311	1.18251	1.11742	.74353
1.518	-1.765	.77960	1.18584	1.08052	1.01141	.63322	.87436	1.25444	1.16095	1.09382	.71753
1.518	-.757	.80002	1.20685	1.10402	1.03536	.65802	.84086	1.23559	1.13817	1.06956	.69198
1.518	.249	.82358	1.22777	1.12818	1.05967	.68386	.81158	1.21707	1.11584	1.04639	.66759
1.517	1.230	.85003	1.24632	1.14951	1.08135	.70731	.78682	1.19797	1.09181	1.02185	.64273
1.518	2.215	.88992	1.26715	1.17377	1.10622	.73427	.77329	1.17994	1.07103	1.00080	.62031
	GRADIENT	.01700	.02079	.02322	.02357	.02470	-.03614	-.01862	-.02203	-.02313	-.02498

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

(RCM040) (03 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	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
1.543	-7.866	.60202	1.04380	.92581	.85766	.48441	1.00525	1.35352	1.27688	1.21688	.86530
1.543	-6.836	.61040	1.07462	.95276	.88316	.51017	.94808	1.33467	1.25572	1.19447	.83926
1.543	-5.825	.62664	1.10268	.97846	.90788	.53349	.90793	1.31609	1.23393	1.17212	.81315
1.543	-4.811	.6452	1.13015	1.00350	.93150	.55433	.88227	1.29840	1.21233	1.15003	.78719
1.543	-3.796	.66997	1.15755	1.02923	.95611	.57638	.85693	1.28287	1.19122	1.12775	.76160
1.543	-2.781	.70454	1.18343	1.05302	.97996	.59918	.83405	1.26953	1.16980	1.10456	.73544
1.543	-1.766	.73454	1.21037	1.07558	1.00320	.62226	.81825	1.26079	1.14912	1.08175	.71010
1.554	-.758	.77472	1.24072	1.09938	1.02754	.64807	.81398	1.25947	1.12942	1.06025	.68581
1.554	.248	.80638	1.26298	1.12209	1.05097	.67412	.80377	1.25398	1.10839	1.03721	.66044
1.554	1.230	.81092	1.26649	1.14238	1.07302	.69833	.76700	1.22779	1.08714	1.01471	.63734
1.543	2.214	.81836	1.27253	1.16371	1.09612	.72382	.73018	1.19927	1.06502	.99103	.61465
	GRADIENT	.02547	.02148	.02273	.02339	.02425	-.01905	-.01203	-.02080	-.02253	-.02463

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(RCM041) (03 OCT 91)

PARAMETRIC DATA

BETA = -4.000 PHI = 180.000

RUN NO. 1670/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
.600	-8.125	.60647	.64269	.54094	.47293	.05968	.96516	.95979	.97069	.84614	.51806
.600	-7.121	.63505	.67164	.57133	.50297	.08953	.95003	.96104	.97101	.82470	.49173
.600	-6.140	.65945	.69507	.59687	.52845	.11459	.93252	.95996	.96926	.80051	.46328
.601	-5.164	.68502	.72113	.62481	.55691	.14430	.91533	.95950	.96844	.77762	.43738
.600	-4.188	.71145	.74809	.65265	.58504	.17401	.89953	.95993	.96882	.75596	.41218
.600	-3.220	.73301	.76975	.67621	.60875	.19951	.87949	.95910	.96801	.72957	.38361
.601	-2.253	.75523	.79174	.70056	.63347	.22759	.85961	.95749	.96667	.70500	.35666
.601	-1.284	.77781	.81373	.72509	.65806	.25528	.83984	.95638	.96610	.67996	.32872
.600	-.291	.79944	.83439	.74914	.68241	.28299	.81899	.95569	.96596	.65378	.30045
.600	.704	.81984	.85433	.77178	.70569	.31008	.79677	.95219	.96348	.62622	.27150
.600	1.729	.84022	.87382	.79436	.72970	.33989	.77405	.94966	.96205	.59784	.24280
	GRADIENT	.02192	.02136	.02412	.02455	.02809	-.02114	-.00169	-.00109	-.02657	-.02861

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(RCMO41) (03 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	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
.800	-8.087	.69488	.72856	.62466	.55199	.12183	1.03603	1.07059	1.09984	.91614	.58110
.799	-7.081	.72074	.75472	.65306	.58123	.10212	1.02133	1.07042	1.09961	.89435	.55413
.800	-6.094	.74479	.77884	.67928	.60862	.17947	1.00389	1.06951	1.09863	.87146	.52775
.799	-5.110	.76878	.80384	.70571	.63496	.20710	.98732	1.06869	1.09798	.84842	.50061
.800	-4.133	.79226	.82731	.73167	.66156	.23658	.97037	1.06813	1.09758	.82535	.47406
.800	-3.154	.81409	.84872	.75629	.68604	.26392	.95234	1.06759	1.09767	.80175	.44647
.800	-2.179	.83627	.87178	.78084	.71133	.29279	.93414	1.06692	1.09780	.77790	.41944
.800	-1.201	.85651	.89282	.80387	.73506	.31998	.91405	1.06588	1.09759	.75254	.39094
.800	-.204	.87690	.91308	.82675	.75905	.34780	.89364	1.06460	1.09742	.72611	.36283
.800	.789	.89726	.93355	.84976	.78303	.37396	.87230	1.06336	1.09772	.69902	.33291
.799	1.806	.91704	.95247	.87142	.80576	.40458	.85077	1.06148	1.09733	.67129	.30368
GRADIENT		.02100	.02118	.02356	.02436	.02829	-.02021	-.00111	-.00004	-.02600	-.02872

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

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
.900	-8.098	.76108	.79374	.69039	.62292	.19609	1.08802	1.16744	1.19258	.96908	.63888
.900	-7.081	.78459	.81699	.71671	.64844	.22351	1.07108	1.16563	1.19148	.94582	.61183
.900	-6.098	.80806	.84141	.74295	.67468	.25129	1.05614	1.16547	1.19312	.92523	.58685
.900	-5.113	.82884	.86338	.76626	.69863	.27720	1.03824	1.16511	1.19273	.90173	.55964
.900	-4.135	.85242	.88744	.79206	.72445	.30545	1.02296	1.16462	1.19343	.88042	.53431
.900	-3.165	.87300	.90844	.81505	.74780	.33166	1.00570	1.16447	1.19461	.85752	.50768
.900	-2.186	.89358	.92957	.83872	.77141	.35920	.98779	1.16370	1.19520	.83431	.48165
.900	-1.213	.91362	.94963	.86123	.79439	.38611	.96895	1.16275	1.19591	.80998	.45479
.900	-.216	.93316	.96955	.88338	.81723	.41303	.94916	1.16130	1.19625	.78493	.42725
.900	.777	.95142	.98778	.90413	.83905	.43873	.92823	1.15936	1.19634	.75900	.39862
.900	1.798	.97145	1.00729	.92641	.86221	.46748	.90825	1.15598	1.19558	.73289	.37051
GRADIENT		.02001	.02018	.02263	.02320	.02727	-.01945	-.00140	-.00039	-.02492	-.02763

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

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
1.098	-7.989	.91924	.94896	.85390	.78809	.40718	1.21012	1.10848	1.15553	1.10010	.79743
1.100	-7.016	.94204	.97160	.87887	.81266	.43239	1.19872	1.10990	1.15564	1.08226	.77607
1.101	-6.023	.96235	.99336	.90210	.83635	.45712	1.18428	1.11183	1.15630	1.06247	.75265
1.101	-5.030	.98277	1.01485	.92499	.85941	.48121	1.16921	1.11373	1.15722	1.04197	.72834
1.101	-4.040	1.00209	1.03398	.94647	.88196	.50408	1.15302	1.11472	1.15738	1.02043	.70351
1.100	-3.049	1.02185	1.05382	.96824	.90437	.52789	1.13767	1.11540	1.15712	.99983	.68012
1.100	-2.064	1.04068	1.07392	.98951	.92645	.55200	1.12094	1.11617	1.15720	.97767	.65557
1.100	-1.072	1.05892	1.09240	1.01065	.94764	.57667	1.10367	1.11611	1.15650	.95526	.63092
1.100	-.052	1.07699	1.11117	1.03128	.96910	.60132	1.08520	1.11609	1.15615	.93139	.60486
1.100	.922	1.09448	1.12857	1.05100	.98963	.62491	1.06814	1.11611	1.15598	.90935	.58098
1.100	1.931	1.11170	1.14542	1.07014	1.01008	.64893	1.04945	1.11552	1.15524	.88515	.55578
GRADIENT		.01832	.01870	.02075	.02144	.02433	-.01742	-.00013	-.00035	-.02272	-.02484

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

(RCMO41) (03 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	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
1.249	-8.032	.98688	1.02077	.92250	.85573	.47274	1.28808	1.33962	1.35327	1.17086	.86214
1.250	-7.062	1.00808	1.04286	.94619	.87936	.49608	1.27476	1.34012	1.35373	1.15152	.84023
1.250	-6.074	1.02840	1.06434	.96920	.90254	.52017	1.25938	1.33964	1.35329	1.13017	.81667
1.250	-5.084	1.04910	1.08586	.99202	.92575	.54415	1.24389	1.33985	1.35373	1.10926	.79312
1.249	-4.101	1.06798	1.10433	1.01315	.94711	.56666	1.22499	1.33876	1.35317	1.08651	.76725
1.250	-3.120	1.08760	1.12496	1.03565	.96966	.59124	1.20899	1.33798	1.35294	1.06702	.74538
1.250	-2.142	1.10578	1.14412	1.05641	.99113	.61427	1.19150	1.33646	1.35232	1.04514	.72189
1.250	-1.167	1.12448	1.16268	1.07720	1.01234	.63824	1.17451	1.33601	1.35249	1.02252	.69809
1.250	-.160	1.14235	1.18050	1.09704	1.03347	.66146	1.15615	1.33429	1.35173	.99908	.67331
1.250	.832	1.16103	1.19868	1.11785	1.05446	.68575	1.13791	1.33256	1.35149	.97604	.64956
1.250	1.844	1.17878	1.21598	1.13762	1.07520	.70951	1.11871	1.33053	1.35083	.95181	.62404
GRADIENT		.01861	.01871	.02086	.02151	.02398	-.01791	-.00136	-.00038	-.02281	-.02417

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

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
1.400	-8.024	.99821	1.04685	.94055	.87396	.49127	1.32817	1.22119	1.16382	1.20117	.88643
1.400	-7.050	1.01924	1.06982	.96469	.89727	.51354	1.31181	1.22308	1.16417	1.17936	.86259
1.400	-6.066	1.03963	1.09214	.98854	.92033	.53625	1.29382	1.22456	1.16431	1.15768	.83861
1.400	-5.073	1.05983	1.11371	1.01198	.94348	.55920	1.27397	1.22596	1.16455	1.13479	.81345
1.400	-4.090	1.08082	1.13480	1.03495	.96723	.58337	1.25484	1.22689	1.16451	1.11246	.78962
1.400	-3.110	1.10117	1.15614	1.05764	.99032	.60664	1.23532	1.22745	1.16412	1.08907	.76503
1.400	-2.131	1.12198	1.17734	1.08055	1.01260	.63034	1.21697	1.22864	1.16454	1.06598	.74132
1.400	-1.150	1.14209	1.19757	1.10273	1.03501	.65416	1.19744	1.22898	1.16416	1.04191	.71648
1.400	-.151	1.16181	1.21732	1.12452	1.05696	.67853	1.17713	1.22897	1.16377	1.01738	.69180
1.399	.842	1.18157	1.23656	1.14593	1.07920	.70306	1.15673	1.22862	1.16309	.99351	.66779
1.400	1.857	1.20244	1.25632	1.16798	1.10181	.72837	1.13619	1.22935	1.16369	.96781	.64230
GRADIENT		.02040	.02039	.02235	.02257	.02439	-.01995	.00036	-.00019	-.02430	-.02474

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

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
1.450	-8.114	.97560	1.04201	.93298	.86654	.48708	1.32891	1.23635	1.21674	1.20309	.88944
1.450	-7.110	.99732	1.06521	.95736	.89010	.50610	1.30759	1.23809	1.21659	1.17814	.86351
1.450	-6.125	1.01789	1.08803	.98203	.91481	.52903	1.28788	1.23974	1.21668	1.15655	.83975
1.450	-5.141	1.03835	1.10968	1.00566	.93807	.55160	1.26646	1.24062	1.21604	1.13339	.81397
1.449	-4.168	1.05828	1.13089	1.02858	.96083	.57403	1.24422	1.24116	1.21549	1.10869	.78787
1.450	-3.200	1.08007	1.15360	1.05273	.98468	.59870	1.22511	1.24351	1.21668	1.08627	.76469
1.450	-2.227	1.10014	1.17427	1.07439	1.00628	.62129	1.20521	1.24458	1.21673	1.06240	.74004
1.450	-1.261	1.12193	1.19588	1.09753	1.02996	.64629	1.18484	1.24533	1.21668	1.03801	.71575
1.450	-.261	1.14236	1.21633	1.12008	1.05272	.67117	1.16261	1.24473	1.21563	1.01195	.69049
1.450	.731	1.16374	1.23652	1.14260	1.07475	.69627	1.14177	1.24469	1.21543	.98707	.66595
1.450	1.752	1.18643	1.25697	1.16592	1.09856	.72329	1.12022	1.24534	1.21597	.96244	.64187
GRADIENT		.02153	.02124	.02311	.02319	.02512	-.02107	.00054	-.00008	-.02493	-.02483

(RCMO41) (03 OCT 91)

PARAMETRIC DATA

BETA = -4.000 PHI = 180.000

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

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
1.470	-8.064	.95938	1.04190	.93137	.86558	.48329	1.31884	1.23081	1.25254	1.19503	.88232
1.470	-7.098	.97832	1.06491	.95604	.88895	.50510	1.29741	1.23376	1.25406	1.17140	.85859
1.470	-6.113	.99844	1.08839	.98118	.91353	.52777	1.27657	1.23472	1.25369	1.14863	.83416
1.470	-5.125	1.01831	1.11090	1.00584	.93806	.55041	1.25245	1.23651	1.25456	1.12526	.80922
1.470	-4.151	1.03751	1.13235	1.02912	.96127	.57268	1.22806	1.23792	1.25495	1.10076	.78418
1.470	-3.181	1.05761	1.15346	1.05167	.98374	.59555	1.20563	1.23884	1.25494	1.07746	.76075
1.470	-2.211	1.07795	1.17364	1.07335	1.00526	.61907	1.18362	1.23921	1.25469	1.05324	.73653
1.470	-1.236	1.09794	1.19321	1.09480	1.02706	.64272	1.16205	1.23912	1.25409	1.02845	.71163
1.470	-.243	1.11932	1.21374	1.11718	1.05062	.66788	1.14042	1.23987	1.25446	1.00425	.68675
1.484	.752	1.14110	1.23315	1.13881	1.07257	.69238	1.11886	1.23983	1.25413	.98043	.66284
1.485	1.772	1.16501	1.25427	1.16217	1.09542	.71842	1.09856	1.24019	1.25444	.95586	.63997
GRADIENT		.02141	.02047	.02236	.02266	.02462	-.02192	.00034	-.00012	-.02455	-.02457

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

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
1.497	-8.059	.92285	1.02598	.91688	.85308	.47775	1.28871	1.34428	1.36551	1.18206	.87324
1.496	-7.089	.93729	1.04920	.94157	.87663	.49973	1.26404	1.34599	1.36690	1.15819	.84961
1.497	-6.107	.95049	1.07111	.96472	.89905	.52003	1.23787	1.34523	1.36595	1.13442	.82476
1.497	-5.117	.96719	1.09534	.99032	.92368	.54217	1.21255	1.34508	1.36577	1.11209	.80052
1.497	-4.146	.97995	1.11712	1.01374	.94701	.56422	1.18196	1.34572	1.36660	1.08842	.77587
1.497	-3.169	.99347	1.13769	1.03612	.96971	.58664	1.15124	1.34505	1.36613	1.06471	.75160
1.497	-2.198	1.01171	1.15868	1.05853	.99218	.60992	1.12530	1.34400	1.36538	1.04030	.72724
1.497	-1.226	1.03009	1.17964	1.08096	1.01453	.63417	1.09942	1.34383	1.36577	1.01600	.70351
1.497	-.228	1.05170	1.19967	1.10290	1.03685	.65911	1.07613	1.34289	1.36546	.99188	.67996
1.497	.765	1.07598	1.21880	1.12422	1.05875	.68386	1.05421	1.34191	1.36539	.96685	.65620
1.496	1.790	1.10334	1.23852	1.14625	1.08089	.70843	1.03454	1.34045	1.36511	.94030	.63129
GRADIENT		.02082	.02052	.02235	.02258	.02446	-.02478	-.00084	-.00021	-.02490	-.02430

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

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
1.519	-8.051	.85519	1.02895	.91972	.85485	.47775	1.24113	1.25323	1.32980	1.17928	.87298
1.520	-7.087	.84775	1.05196	.94367	.87775	.50019	1.19908	1.25532	1.33063	1.15812	.85023
1.520	-6.104	.84066	1.07352	.96657	.90100	.52224	1.15317	1.25650	1.33058	1.13386	.82508
1.520	-5.121	.83704	1.09767	.99062	.92503	.54568	1.10687	1.25766	1.33095	1.10962	.80008
1.520	-4.141	.83652	1.12089	1.01350	.94768	.56775	1.06038	1.25793	1.33051	1.08549	.77531
1.520	-3.173	.83804	1.14284	1.03681	.97060	.59048	1.01534	1.25851	1.33053	1.06198	.75138
1.520	-2.196	.84415	1.16294	1.05843	.99232	.61344	.97332	1.25851	1.33014	1.03761	.72735
1.520	-1.222	.85485	1.18222	1.08020	1.01467	.63727	.93372	1.25884	1.33020	1.01318	.70405
1.520	-.228	.87433	1.20101	1.10181	1.03670	.66107	.89914	1.25850	1.32968	.98826	.68045
1.520	.766	.90765	1.22014	1.12401	1.05905	.68514	.87952	1.25831	1.32950	.96407	.65764
1.520	1.787	.95163	1.23939	1.14610	1.08095	.70960	.87173	1.25783	1.32914	.93891	.63329
GRADIENT		.01869	.01984	.02228	.02248	.02398	-.03295	-.00003	-.00024	-.02479	-.02390

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(RCM041) (03 OCT 91)

PARAMETRIC DATA

BETA = -4.000 PHI = 180.000

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
1.541	-8.058	.64280	1.02106	.90703	.84506	.47240	1.07873	1.33471	1.36334	1.17746	.87051
1.541	-7.089	.63050	1.04808	.93220	.86831	.49604	1.01304	1.33620	1.36446	1.15395	.84682
1.545	-6.103	.62559	1.07586	.95707	.89079	.52124	.93727	1.34054	1.36848	1.13159	.82305
1.543	-5.123	.64316	1.10169	.98221	.91412	.54417	.89510	1.33891	1.36684	1.10562	.79666
1.544	-4.146	.66795	1.12747	1.00827	.93899	.56759	.85861	1.34007	1.36814	1.08248	.77323
1.544	-3.166	.69282	1.15122	1.03081	.96125	.58852	.83651	1.33998	1.36829	1.05709	.74851
1.543	-2.198	.72323	1.17569	1.05349	.98381	.61034	.81875	1.33898	1.36755	1.03232	.72456
1.542	-1.222	.76264	1.20056	1.07587	1.00667	.63286	.81215	1.33739	1.36645	1.00682	.70053
1.543	-.229	.81497	1.22998	1.09901	1.03061	.65697	.82183	1.33701	1.36671	.98220	.67707
1.543	.766	.83026	1.24738	1.11965	1.05309	.68106	.79615	1.33602	1.36631	.95691	.65323
1.543	1.788	.82144	1.25033	1.14098	1.07646	.70681	.73812	1.33562	1.36670	.93187	.62990
	GRADIENT	.02987	.02223	.02248	.02326	.02350	-.01593	-.00084	-.00033	-.02541	-.02417

RUN NO. 1678/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(RCM042) (03 OCT 91)

PARAMETRIC DATA

BETA = -4.000 PHI = 180.000

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
.599	-7.140	.63331	.66984	.57065	.50086	.08910	.94796	.88677	.89032	.82324	.49160
.599	-6.144	.65939	.69514	.59765	.52777	.11506	.93217	.88975	.89208	.80080	.46379
.600	-5.169	.68716	.72335	.62726	.55905	.14704	.91710	.89232	.89344	.77987	.44002
.600	-4.196	.70820	.74470	.64954	.58238	.17229	.89517	.89030	.89051	.75205	.40948
.600	-3.224	.73147	.76804	.67474	.60600	.20012	.87769	.89238	.89182	.72835	.38316
.601	-2.256	.75461	.79096	.69995	.63183	.22898	.85823	.89190	.89073	.70397	.35623
.600	-1.286	.77621	.81206	.72348	.65612	.25391	.83795	.89256	.89112	.67892	.32842
.600	-.291	.79773	.83258	.74733	.68055	.28217	.81713	.89363	.89226	.65252	.29981
.600	.705	.81932	.85343	.77103	.70492	.30997	.79650	.89385	.89279	.62622	.27145
	GRADIENT	.02264	.02212	.02476	.02511	.02799	-.02029	.00065	.00038	-.02573	-.02825

RUN NO. 1568/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

IA310 (AEDC 16TF-783) PROBE CALIBRATION (RCM042) (03 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	CPB	CPC1	CPC2	CPC3	CPC1	CPC4	CPC5	CPC6	CPO2
.800	-7.105	.72015	.75445	.65293	.58257	.15162	1.02107	1.04689	.89507	.55522
.800	-6.098	.74498	.77918	.67957	.61019	.18125	1.00379	1.04802	.87174	.52760
.800	-5.112	.76889	.80354	.70563	.63681	.20973	.98702	1.04832	.84883	.50136
.800	-4.133	.82588	.82588	.73031	.66225	.23774	.96956	1.04870	.82497	.47366
.800	-3.157	.81401	.84982	.75551	.68656	.26574	.95179	1.04844	.80170	.44674
.800	-2.183	.83561	.87165	.77948	.71069	.29323	.93345	1.04830	.77774	.41889
.800	-1.206	.85631	.89293	.80292	.73499	.32131	.91375	1.04767	.75276	.39130
.800	-.203	.87720	.91377	.82612	.75956	.34923	.89333	1.04703	.72602	.36259
.800	.788	.89653	.93277	.84820	.78221	.37731	.87155	1.04568	.69900	.33342
GRADIENT		.02132	.02156	.02394	.02448	.02835	-.01990	-.00058	-.02561	-.02849

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

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPC1	CPC4	CPC5	CPC6	CPO2
.900	-7.109	.78373	.81619	.71677	.64580	.22366	1.07085	1.07520	.94624	.61223
.899	-6.098	.80641	.83977	.74184	.67142	.25039	1.05418	1.07587	.92372	.58589
.900	-5.117	.82998	.86407	.76766	.69997	.27912	1.03905	1.07723	.90299	.56172
.900	-4.137	.85153	.88616	.79101	.72399	.30544	1.02182	1.07728	.87984	.53434
.900	-3.162	.87258	.90771	.81447	.74618	.33354	1.00502	1.07742	.85727	.50819
.901	-2.191	.89348	.92900	.83823	.77002	.36090	.98747	1.07842	.83449	.48229
.900	-1.210	.91297	.94878	.86044	.79330	.38560	.96804	1.07758	.80956	.45508
.900	-.216	.93265	.96873	.88275	.81652	.41358	.94866	1.07740	.78470	.42778
.900	.781	.95137	.98741	.90391	.83877	.44003	.92790	1.07636	.75869	.39886
GRADIENT		.02031	.02061	.02300	.02349	.02725	-.01913	-.00016	-.02466	-.02749

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

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPC1	CPC4	CPC5	CPC6	CPO2
1.100	-7.044	.93993	.96913	.87730	.81242	.43117	1.19725	1.27642	1.08148	.77597
1.100	-6.022	.96089	.99167	.90124	.83674	.45656	1.18317	1.27695	1.06160	.75232
1.100	-5.034	.98123	1.01279	.92379	.86019	.48044	1.16783	1.27719	1.04130	.72826
1.100	-4.040	1.00049	1.03304	.94504	.88250	.50374	1.15190	1.27536	1.02001	.70363
1.100	-3.053	1.01989	1.05274	.96656	.90293	.52722	1.13577	1.27461	.99844	.67931
1.100	-2.063	1.03891	1.07228	.98805	.92562	.55136	1.11948	1.27374	.97692	.65510
1.100	-1.075	1.05745	1.09101	1.00924	.94689	.57589	1.10278	1.27297	.95485	.63095
1.100	-.072	1.07522	1.10888	1.02931	.96746	.59969	1.08442	1.27136	.93167	.60528
1.100	.919	1.09257	1.12657	1.04928	.98820	.62388	1.06693	1.26915	.90886	.58106
GRADIENT		.01857	.01885	.02104	.02140	.02426	-.01715	-.00120	-.02241	-.02474

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(RCMO42) (03 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	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
1.250	-7.088	1.00763	1.04195	.96652	.87938	.49655	1.27421	1.34039	1.35739	1.15118	.84048
1.250	-6.074	1.02794	1.06364	.96977	.90327	.52071	1.25865	1.33891	1.35615	1.12999	.81682
1.250	-5.081	1.04844	1.08512	.99202	.92684	.54492	1.24317	1.33919	1.35671	1.10903	.79306
1.250	-4.102	1.06808	1.10540	1.01383	.94900	.56850	1.22560	1.33915	1.35700	1.08749	.76863
1.250	-3.123	1.08732	1.12506	1.03547	.96968	.59159	1.20861	1.33770	1.35614	1.06678	.74578
1.250	-2.146	1.10532	1.14301	1.05601	.99115	.61445	1.19146	1.33769	1.35681	1.04507	.72223
1.250	-1.160	1.12380	1.16238	1.07731	1.01284	.63896	1.17413	1.33632	1.35632	1.02253	.69864
1.251	-.168	1.14252	1.18085	1.09801	1.03422	.66278	1.15674	1.33532	1.35619	1.00020	.67472
1.252	.828	1.16127	1.19914	1.11847	1.05548	.68706	1.13846	1.33688	1.35872	.97678	.65023
	GRADIENT	.01884	.01900	.02122	.02167	.02408	-.01764	-.00057	.00024	-.02249	-.02402

RUN NO. 1531/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
1.400	-7.077	1.01651	1.06713	.96324	.89492	.51077	1.31138	1.37558	1.39093	1.17919	.86215
1.400	-6.066	1.03736	1.08978	.98689	.91850	.53338	1.29293	1.37624	1.39150	1.15636	.83686
1.400	-5.077	1.05753	1.11178	1.01022	.94203	.55720	1.27292	1.37526	1.39068	1.13380	.81173
1.400	-4.093	1.07842	1.13359	1.03330	.96444	.58066	1.25376	1.37496	1.39069	1.11132	.78754
1.400	-3.113	1.09861	1.15372	1.05547	.98758	.60389	1.23449	1.37395	1.39015	1.08760	.76278
1.400	-2.131	1.11867	1.17357	1.07714	1.00903	.62659	1.21502	1.37311	1.38996	1.06385	.73817
1.400	-1.150	1.13908	1.19470	1.10025	1.03213	.65075	1.19591	1.37200	1.38965	1.04043	.71430
1.400	-.152	1.15890	1.21429	1.12190	1.05407	.67476	1.17488	1.37109	1.38973	1.01582	.68919
1.400	.841	1.17877	1.23359	1.14332	1.07617	.69964	1.15501	1.36903	1.38882	.99193	.66517
	GRADIENT	.02036	.02035	.02237	.02262	.02408	-.02003	-.00114	-.00032	-.02420	-.02480

RUN NO. 1549/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
1.450	-7.130	1.00208	1.06741	.96052	.89328	.51208	1.31219	1.38701	1.39733	1.18138	.86759
1.450	-6.125	1.02217	1.08983	.98445	.91747	.53386	1.29194	1.38675	1.39707	1.15929	.84369
1.451	-5.143	1.04242	1.11267	1.00869	.94140	.55723	1.27104	1.38717	1.39764	1.13714	.81942
1.450	-4.169	1.06249	1.13338	1.03154	.96381	.57995	1.24839	1.38642	1.39728	1.11289	.79365
1.449	-3.200	1.08344	1.15465	1.05475	.98693	.60312	1.22873	1.38549	1.39711	1.08977	.76980
1.450	-2.233	1.10323	1.17495	1.07638	1.00852	.62575	1.20840	1.38353	1.39572	1.06577	.74504
1.450	-1.257	1.12496	1.19681	1.09988	1.03238	.65121	1.18867	1.38345	1.39668	1.04178	.72122
1.451	-.263	1.14655	1.21851	1.12393	1.05690	.67757	1.16744	1.38131	1.39556	1.01725	.69702
1.450	.730	1.16675	1.23748	1.14546	1.07847	.70184	1.14576	1.38039	1.39563	.99186	.67202
	GRADIENT	.02136	.02141	.02335	.02354	.02504	-.02091	-.00125	-.00035	-.02470	-.02480

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(RCM042) (03 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	CPB	CPC1	CPC2	CPC3	CPC4	CPC5	CPC6	CPC2
1.469	-7.127	.96530	1.04747	.94032	.87414	.49457	1.21147	1.16013	.84936
1.470	-6.117	.98562	1.07100	.96520	.89859	.51812	1.26012	1.13730	.82535
1.470	-5.134	1.00442	1.09239	.98833	.92168	.54032	1.23743	1.11314	.80025
1.470	-4.160	1.02638	1.11643	1.01314	.94599	.56377	1.21756	1.09195	.77706
1.469	-3.186	1.04490	1.13666	1.03558	.96826	.58502	1.21729	1.06734	.75159
1.470	-2.213	1.06567	1.15754	1.05886	.99140	.60809	1.21767	1.04400	.72756
1.469	-1.239	1.08665	1.17791	1.08103	1.01381	.63162	1.21492	1.01965	.70269
1.470	-.244	1.10815	1.19874	1.10315	1.03636	.65637	1.21956	.99594	.68004
1.469	.755	1.12820	1.21670	1.12359	1.05702	.67968	1.21875	.96926	.65537
	GRADIENT	.02094	.02059	.02260	.02274	.02377	.02211	.00043	.02479

RUN NO. 1584/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPC4	CPC5	CPC6	CPC2
1.491	-7.114	.92165	1.04144	.93452	.86974	.49479	1.25067	1.15206	.84463
1.492	-6.115	.93249	1.06243	.95620	.89151	.51525	1.22171	1.12762	.81930
1.492	-5.125	.94821	1.08677	.98246	.91610	.53808	1.19381	1.10587	.79618
1.491	-4.150	.96163	1.10898	1.00584	.93954	.56041	1.16510	1.08265	.77199
1.491	-3.172	.97349	1.12955	1.02812	.96221	.58307	1.13343	1.05879	.74819
1.492	-2.203	.98927	1.15050	1.05106	.98565	.60690	1.10561	1.03514	.72447
1.491	-1.228	1.00767	1.17036	1.07280	1.00769	.63050	1.07960	1.01110	.70077
1.491	-.228	1.02898	1.19045	1.09505	1.02988	.65507	1.05487	.98628	.67677
1.491	.768	1.05387	1.21043	1.11711	1.05210	.68000	1.03396	.96122	.65327
	GRADIENT	.01879	.02063	.02264	.02290	.02435	.02666	.00073	.02417

RUN NO. 1600/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPC4	CPC5	CPC6	CPC2
1.517	-7.115	.81863	1.04568	.93760	.87412	.49746	1.18592	1.15966	.85215
1.517	-6.108	.80159	1.06611	.95893	.89471	.51835	1.12811	1.13305	.82427
1.517	-5.125	.80110	1.09216	.98463	.91982	.54227	1.08131	1.11097	.80112
1.517	-4.151	.80797	1.11441	1.00683	.94196	.56372	1.03868	1.08643	.77645
1.517	-3.176	.81773	1.13597	1.02924	.96433	.58701	99912	1.06340	.75290
1.517	-2.202	.81924	1.15524	1.05078	.98583	.60925	95322	1.03835	.72825
1.516	-1.223	.83973	1.17617	1.07431	1.00978	.63324	91937	1.01411	.70491
1.517	-.228	.86375	1.19660	1.09750	1.03297	.65736	.89107	.98872	.68169
1.516	.769	.89363	1.21577	1.12010	1.05556	.68084	.86712	.96309	.65756
	GRADIENT	.01708	.02061	.02308	.02318	.02384	.03530	.00031	.02415

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(RCMO42) (03 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	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
1.541	-7.114	.62315	1.05240	.93589	.87220	.49685	.99523	1.26896	1.32460	1.15626	.84845
1.541	-6.114	.62743	1.07929	.96130	.89545	.52071	.93912	1.26955	1.32418	1.13211	.82353
1.540	-5.124	.64949	1.10517	.98544	.91743	.54407	.90072	1.26956	1.32348	1.10586	.79667
1.541	-4.146	.67697	1.13073	1.01061	.94123	.56725	.87120	1.27019	1.32343	1.08210	.77279
1.541	-3.176	.70179	1.15438	1.03341	.96315	.58895	.84777	1.27003	1.32284	1.05758	.74830
1.541	-2.201	.73274	1.17821	1.05556	.98545	.61142	.83067	1.27014	1.32253	1.03342	.72461
1.541	-1.228	.77534	1.20391	1.07805	1.00814	.63429	.82786	1.27021	1.32227	1.00953	.70170
1.541	-.228	.82654	1.23369	1.10026	.65773	.65773	.83702	1.26951	1.32122	.98393	.67730
1.541	.767	.84254	1.25442	1.12057	1.05345	.68152	.81199	1.26923	1.32071	.95864	.65332
	GRADIENT	.03621	.02566	.02247	.02292	.02328	-.00961	-.00018	-.00054	-.02507	-.02424

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(RCMO43) (03 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	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
.600	-7.115	.64814	.68366	.58030	.50986	.09685	.95988	.89285	.89220	.82651	.49744
.600	-6.613	.65972	.69555	.59303	.52278	.11015	.94979	.89270	.89042	.81362	.48257
.600	-6.121	.67586	.71215	.60990	.53988	.12723	.94447	.89681	.89343	.80468	.47119
.600	-5.631	.68703	.72379	.62243	.55270	.13985	.93448	.89620	.89151	.79200	.45670
.599	-5.136	.69853	.73504	.63409	.56440	.15172	.92524	.89737	.89142	.77928	.44220
.600	-4.649	.71149	.74794	.64796	.57710	.16711	.91717	.89948	.89240	.76798	.42960
.600	-4.162	.72295	.75969	.66068	.58985	.18066	.90769	.89867	.89099	.75619	.41630
.599	-3.679	.73441	.77102	.67321	.60299	.19330	.89849	.90129	.89251	.74439	.40195
.600	-3.193	.74709	.78390	.68693	.61699	.20818	.89061	.90316	.89302	.73385	.39010
.600	-2.714	.75706	.79393	.69786	.62822	.21961	.87988	.90268	.89299	.71981	.37436
.600	-2.236	.76842	.80460	.71013	.64105	.23438	.87004	.90161	.89154	.70772	.36175
.600	-1.754	.77995	.81577	.72304	.65447	.24866	.86020	.90353	.89325	.69519	.34747
.600	-1.276	.79115	.82652	.73564	.66733	.26263	.85144	.90325	.89281	.68407	.33477
.599	-.790	.79978	.83466	.74537	.67698	.27367	.83844	.90244	.89197	.66765	.31722
.601	-.308	.81223	.84663	.75892	.69094	.29069	.83100	.90284	.89254	.65769	.30780
.600	.204	.82186	.85677	.77013	.70252	.30328	.81923	.90260	.89251	.64315	.29140
.600	.715	.83095	.86566	.78069	.71339	.31664	.80797	.90193	.89218	.62868	.27678
	GRADIENT	.02253	.02206	.02497	.02566	.02812	-.02038	.00056	.00005	-.02601	-.02856

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(RCM043) (03 OCT 91)

PARAMETRIC DATA

BETA = -3.000 PHI = 180.000

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

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
.800	-7.080	.73324	.76725	.66238	.59052	.15791	1.03040	1.04184	1.06245	.89674	.55975
.800	-6.581	.74535	.78035	.67516	.60335	.17195	1.02214	1.04212	1.06238	.88502	.54598
.800	-6.086	.75703	.79303	.68848	.61805	.18702	1.01336	1.04286	1.06280	.87360	.53297
.800	-5.589	.77021	.80591	.70215	.63201	.20120	1.00607	1.04357	1.06331	.86273	.51957
.800	-5.093	.78201	.81718	.71490	.64479	.21519	.99720	1.04376	1.06350	.85102	.50639
.800	-4.602	.79381	.82971	.72834	.65765	.23039	.98866	1.04398	1.06366	.83963	.49274
.800	-4.115	.80482	.84062	.74024	.66926	.24387	.97992	1.04347	1.06333	.82826	.47933
.800	-3.628	.81603	.85225	.75311	.68152	.25816	.97136	1.04405	1.06417	.81727	.46633
.800	-3.141	.82670	.86329	.76507	.69370	.27136	.96201	1.04341	1.06387	.80487	.45192
.800	-2.652	.83764	.87438	.77727	.70681	.28516	.95269	1.04329	1.06413	.79280	.43782
.800	-2.172	.84800	.88499	.78940	.71952	.29915	.94335	1.04293	1.06428	.78052	.42384
.800	-1.683	.85913	.89592	.80173	.73238	.31318	.93407	1.04265	1.06455	.76836	.40984
.800	-1.198	.86886	.90564	.81302	.74421	.32687	.92399	1.04155	1.06409	.75559	.39583
.800	-.709	.87922	.91583	.82435	.75603	.34075	.91429	1.04070	1.06410	.74260	.38207
.800	-.223	.88854	.92540	.83509	.76765	.35385	.90460	1.04014	1.06410	.72990	.36862
.800	.286	.89942	.93639	.84734	.77998	.36865	.89460	1.03980	1.06510	.71636	.35384
.800	.796	.90891	.94574	.85796	.79078	.38236	.88378	1.03809	1.06456	.70265	.33898
.800		.92140	.96158	.87416	.80503	.40285	.86197	1.03610	.00021	-.02546	-.02856

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

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
.900	-7.086	.79579	.82863	.72578	.65539	.23154	1.07977	1.07304	1.08620	.94814	.61711
.899	-6.578	.80694	.84077	.73786	.66772	.24438	1.07104	1.07439	1.08691	.93632	.60349
.900	-6.086	.81876	.85336	.75087	.68100	.25832	1.06412	1.07499	1.08695	.92634	.59159
.900	-5.594	.83045	.86527	.76355	.69467	.27264	1.05582	1.07577	1.08737	.91523	.57858
.900	-5.099	.84125	.87624	.77578	.70655	.28520	1.04718	1.07641	1.08747	.90355	.56443
.900	-4.605	.85267	.88813	.78831	.71865	.29944	1.03903	1.07639	1.08727	.89293	.55170
.900	-4.123	.86374	.89899	.80025	.73066	.31268	1.03108	1.07740	1.08819	.88217	.53850
.900	-3.634	.87349	.90942	.81134	.74134	.32498	1.02230	1.07738	1.08810	.87079	.52528
.900	-3.146	.88454	.92080	.82380	.75426	.33897	1.01441	1.07811	1.08884	.85991	.51276
.900	-2.659	.89406	.93042	.83505	.76614	.35195	1.00496	1.07724	1.08819	.84791	.49928
.900	-2.174	.90412	.94037	.84674	.77839	.36535	.99546	1.07710	1.08823	.83582	.48551
.900	-1.693	.91465	.95065	.85846	.79044	.37903	.98645	1.07687	1.08842	.82387	.47249
.900	-1.209	.92449	.96090	.86969	.80202	.39241	.97781	1.07678	1.08871	.81227	.45964
.900	-.721	.93410	.97052	.88065	.81343	.40546	.96791	1.07620	1.08868	.79944	.44545
.900	-.237	.94342	.98113	.89128	.82478	.41818	.95880	1.07567	1.08867	.78751	.43246
.900	.275	.95235	.98913	.90144	.83610	.43101	.94789	1.07466	1.08848	.77376	.41735
.900	.785	.96207	.99858	.91235	.84616	.44483	.93821	1.07387	1.08854	.76123	.40365
.900		.97034	.02056	.85716	.86234	.45910	.93181	1.07310	.00015	-.02456	-.02748

(RCM043) (03 OCT 91)

IA310 (AEDC 16TF-783) PROBE CALIBRATION

PARAMETRIC DATA

BETA = -3.000 PHI = 180.000

RUN NO. 1476/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
1.100	-7.037	.95040	.98010	.88507	.81935	.43524	1.20550	1.26200	1.29439	1.08316	.78009
1.100	-6.520	.96046	.99171	.89654	.83104	.44765	1.19795	1.26227	1.29485	1.07267	.76775
1.100	-6.029	.97067	1.00254	.90794	.84283	.45988	1.19087	1.26241	1.29522	1.06281	.75612
1.100	-5.526	.98112	1.01327	.91966	.85463	.47213	1.18334	1.26273	1.29587	1.05283	.74391
1.100	-5.034	.99065	1.02345	.93088	.86572	.48390	1.17516	1.26186	1.29531	1.04224	.73125
1.102	-4.532	1.00229	1.03547	.94345	.87758	.49723	1.16955	1.26684	1.30150	1.03349	.72080
1.101	-4.038	1.01073	1.04402	.95284	.88748	.50806	1.16081	1.26492	1.29994	1.02235	.70798
1.100	-3.545	1.02027	1.05397	.96352	.89825	.51926	1.15298	1.26197	1.29754	1.01172	.69554
1.100	-3.037	1.02940	1.06352	.97401	.90934	.53099	1.14390	1.25950	1.29555	1.00031	.68305
1.100	-2.557	1.03925	1.07320	.98509	.92116	.54341	1.13598	1.25777	1.29434	.98979	.67148
1.100	-2.062	1.04928	1.08285	.99624	.93283	.55592	1.12789	1.25714	1.29443	.97872	.65903
1.100	-1.566	1.05818	1.09198	1.00685	.94305	.56794	1.11916	1.25615	1.29415	.96758	.64664
1.099	-1.079	1.06679	1.10039	1.01640	.95324	.57951	1.11036	1.24703	1.29240	.95592	.63394
1.100	-.581	1.07640	1.11055	1.02748	.96451	.59247	1.10237	1.24691	1.29294	.94515	.62192
1.100	-.094	1.08453	1.11911	1.03683	.97422	.60364	1.09351	1.24554	1.29252	.93403	.60962
1.100	.416	1.09417	1.12852	1.04756	.98537	.61651	1.08538	1.24517	1.29298	.92300	.59766
1.100	.920	1.10226	1.13701	1.05693	.99516	.62828	1.07607	1.24335	1.29202	.91085	.58482
	GRADIENT	.01857	.01880	.02111	.02184	.02429	-.01707	-.00457	-.00156	-.02245	-.02489

RUN NO. 1516/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
1.250	-7.066	1.01679	1.05207	.95344	.88608	.50064	1.28088	1.32667	1.35338	1.15176	.84359
1.251	-6.560	1.02893	1.06520	.96655	.89939	.51395	1.27531	1.32831	1.35502	1.14233	.83281
1.250	-6.061	1.03763	1.07467	.97679	.90982	.52470	1.26594	1.32840	1.35525	1.13012	.81926
1.250	-5.570	1.04758	1.08534	.98847	.92130	.53709	1.25773	1.32666	1.35372	1.11983	.80712
1.250	-5.073	1.05837	1.09636	.99987	.93243	.54918	1.25055	1.32610	1.35335	1.11011	.79565
1.250	-4.583	1.06833	1.10674	1.01104	.94368	.56146	1.24106	1.32668	1.35416	1.09931	.78334
1.250	-4.095	1.07702	1.11562	1.02117	.95373	.57237	1.23192	1.32470	1.35247	1.08889	.77143
1.250	-3.601	1.08715	1.12564	1.03250	.96568	.58466	1.22426	1.32568	1.35395	1.07858	.76007
1.250	-3.110	1.09594	1.13449	1.04290	.97701	.59578	1.21569	1.32378	1.35250	1.06791	.74872
1.250	-2.627	1.10617	1.14412	1.05418	.98792	.60803	1.20782	1.32307	1.35228	1.05728	.73695
1.250	-2.138	1.11569	1.15435	1.06518	.99937	.62023	1.19974	1.32348	1.35248	1.04683	.72593
1.250	-1.654	1.12432	1.16289	1.07465	1.00904	.63118	1.19065	1.32121	1.35189	1.03474	.71330
1.250	-1.167	1.13404	1.17284	1.08566	1.02019	.64367	1.18283	1.32072	1.35201	1.02440	.70230
1.250	-.673	1.14289	1.18189	1.09579	1.03062	.65553	1.17380	1.31961	1.35181	1.01275	.69009
1.250	-.189	1.15192	1.19108	1.10590	1.04116	.66721	1.16558	1.31890	1.35199	1.00204	.67886
1.250	.322	1.16053	1.19967	1.11582	1.05145	.67874	1.15578	1.31646	1.35143	.98947	.66607
1.250	.832	1.16912	1.20842	1.12569	1.06156	.69034	1.14637	1.31472	1.35057	.97787	.65347
	GRADIENT	.01883	.01900	.02136	.02195	.02402	-.01734	-.00202	-.00049	-.02248	-.02392

(RCM043) (03 OCT 91)

IA310 (AEDC 16TF-783) PROBE CALIBRATION

PARAMETRIC DATA

BETA = -3.000 PHI = 180.000

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

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
1.400	-7.064	1.02618	1.07846	.97063	.90154	.51505	1.31817	1.36406	1.38831	1.17966	.86545
1.400	-6.554	1.03565	1.08978	.98213	.91286	.52591	1.30829	1.36299	1.38711	1.16770	.85200
1.400	-6.059	1.04600	1.10110	.99420	.92427	.53684	1.29931	1.36333	1.38727	1.15698	.83984
1.400	-5.563	1.05614	1.11230	1.00631	.93587	.54883	1.28936	1.36299	1.38696	1.14566	.82750
1.400	-5.068	1.06713	1.12346	1.01810	.94822	.56101	1.27979	1.36335	1.38741	1.13442	.81495
1.400	-4.578	1.07665	1.13339	1.02936	.95915	.57226	1.26943	1.36166	1.38576	1.12240	.80236
1.400	-4.085	1.08759	1.14399	1.04094	.97135	.58433	1.26101	1.36214	1.38661	1.11158	.79045
1.399	-3.594	1.09759	1.15365	1.05189	.98257	.59562	1.25152	1.36240	1.38710	1.09978	.77808
1.400	-3.103	1.10761	1.16341	1.06273	.99351	.60713	1.24113	1.36083	1.38589	1.08748	.76525
1.400	-2.616	1.11866	1.17479	1.07509	1.00583	.61957	1.23272	1.36034	1.38586	1.07700	.75410
1.400	-2.126	1.12840	1.18429	1.08574	1.01670	.63103	1.22228	1.35989	1.38585	1.06471	.74127
1.399	-1.639	1.13771	1.19439	1.09653	1.02744	.64183	1.21191	1.35825	1.38485	1.05223	.72843
1.399	-1.150	1.14814	1.20460	1.10787	1.03867	.65418	1.20329	1.35804	1.38523	1.04086	.71681
1.400	-.660	1.15856	1.21529	1.11957	1.05072	.66727	1.19351	1.35732	1.38526	1.02973	.70535
1.400	-.174	1.16774	1.22436	1.12971	1.06118	.67868	1.18336	1.35613	1.38488	1.01717	.69327
1.400	.336	1.17757	1.23406	1.14061	1.07235	.69111	1.17328	1.35490	1.38459	1.00462	.68065
1.400	.843	1.18717	1.24362	1.15133	1.08364	.70408	1.16339	1.35318	1.38387	.99275	.66853
1.400	GRADIENT	.02043	.02048	.02262	.02395	.02426	-.01972	-.00163	-.00043	-.02404	-.02476

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

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
1.449	-7.106	1.00982	1.07836	.96855	.89948	.51556	1.31762	1.37334	1.39340	1.18210	.87098
1.450	-6.598	1.02049	1.08996	.98103	.91134	.52658	1.30737	1.37399	1.39400	1.17073	.85855
1.450	-6.106	1.03091	1.10210	.99322	.92262	.53762	1.29804	1.37307	1.39310	1.16042	.84685
1.449	-5.614	1.04106	1.11346	1.00500	.93546	.54900	1.28728	1.37399	1.39407	1.14885	.83425
1.450	-5.123	1.05056	1.12327	1.01620	.94737	.56033	1.27482	1.37315	1.39325	1.13578	.82086
1.449	-4.630	1.06019	1.13300	1.02764	.95849	.57135	1.26426	1.37202	1.39229	1.12402	.80827
1.450	-4.150	1.07082	1.14389	1.03952	.97027	.58364	1.25498	1.37233	1.39288	1.11257	.79636
1.450	-3.665	1.08199	1.15504	1.05135	.98181	.59538	1.24658	1.37161	1.39250	1.10171	.78474
1.450	-3.178	1.09241	1.16586	1.06282	.99314	.60710	1.23644	1.37224	1.39346	1.08999	.77244
1.450	-2.698	1.10127	1.17563	1.07338	1.00376	.61812	1.22463	1.36977	1.39140	1.07774	.75968
1.450	-2.219	1.11289	1.18786	1.08655	1.01681	.63121	1.21535	1.37010	1.39240	1.06707	.74884
1.450	-1.734	1.12206	1.19764	1.09697	1.02784	.64245	1.20392	1.36816	1.39116	1.05399	.73567
1.450	-1.255	1.13270	1.20851	1.10921	1.04042	.65556	1.19456	1.36788	1.39157	1.04304	.72451
1.450	-.772	1.14294	1.21871	1.12059	1.05217	.66835	1.18422	1.36770	1.39121	1.03016	.71208
1.450	-.288	1.15205	1.22743	1.13050	1.06238	.67967	1.17315	1.36540	1.39086	1.01702	.69951
1.451	.225	1.16390	1.23923	1.14338	1.07538	.69406	1.16357	1.36492	1.39138	1.00538	.68813
1.450	.732	1.17332	1.24725	1.15270	1.08471	.70515	1.15235	1.36321	1.39055	.99146	.67414
1.450	GRADIENT	.02109	.02156	.02356	.02386	.02510	-.02110	-.00171	-.00037	-.02472	-.02497

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

(RCMO43) (03 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	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
1.469	-7.100	.97490	1.06052	.94971	.88211	.50076	1.28808	1.21949	1.21337	1.16168	.85350
1.469	-6.593	.98434	1.07194	.96188	.89388	.51189	1.27677	1.22119	1.21342	1.14969	.84153
1.470	-6.099	.99369	1.08318	.97402	.90543	.52297	1.26570	1.22294	1.21365	1.13733	.82889
1.469	-5.607	1.00208	1.09269	.98441	.91587	.53280	1.25382	1.22348	1.21277	1.12386	.81489
1.469	-5.111	1.01349	1.10469	.99705	.92826	.54441	1.24391	1.22519	1.21320	1.11278	.80293
1.469	-4.624	1.02343	1.11621	1.00918	.94026	.55563	1.23208	1.22629	1.21306	1.10095	.79080
1.470	-4.135	1.03417	1.12724	1.02135	.95239	.56750	1.22074	1.22790	1.21355	1.09077	.77945
1.470	-3.649	1.04418	1.13808	1.03363	.96468	.57887	1.20979	1.22858	1.21325	1.07957	.76756
1.469	-3.165	1.05374	1.14703	1.04379	.97515	.58923	1.19848	1.22819	1.21194	1.06716	.75517
1.469	-2.682	1.06361	1.15740	1.05525	.98672	.60082	1.18793	1.22889	1.21184	1.05581	.74342
1.469	-2.199	1.07454	1.16880	1.06710	.99842	.61243	1.17769	1.23008	1.21237	1.04383	.73106
1.469	-1.719	1.08553	1.17885	1.07816	1.00950	.62395	1.16845	1.23025	1.21188	1.03230	.71911
1.469	-1.235	1.09561	1.18867	1.08889	1.02019	.63553	1.15807	1.23019	1.21126	1.02029	.70649
1.470	-.749	1.10687	1.19930	1.10017	1.03213	.64832	1.14821	1.23100	1.21166	1.00877	.69458
1.471	-.267	1.11804	1.20969	1.11192	1.04420	.66146	1.13934	1.23201	1.21224	.99839	.68421
1.469	.244	1.12678	1.21847	1.12193	1.05466	.67341	1.12703	1.23139	1.21130	.98471	.67086
1.469	.756	1.13789	1.22811	1.13254	1.06564	.68589	1.11712	1.23146	1.21119	.97177	.65940
	GRADIENT	.02143	.02097	.02302	.02337	.02426	-.02121	.00093	-.00037	-.02410	-.02466

RUN NO. 1585/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
1.491	-7.089	.92496	1.05236	.94249	.87558	.49973	1.25199	1.28586	1.37281	1.15163	.84680
1.491	-6.585	.93166	1.06470	.95510	.88728	.51056	1.23921	1.28677	1.37280	1.14106	.83538
1.492	-6.093	.93826	1.07518	.96587	.89837	.51985	1.22362	1.28703	1.37219	1.12864	.82198
1.491	-5.601	.94473	1.08696	.97889	.91133	.53058	1.21037	1.28735	1.37183	1.11819	.81057
1.491	-5.108	.94993	1.09822	.99075	.92284	.54148	1.19493	1.28872	1.37257	1.10634	.79847
1.491	-4.614	.95490	1.10927	1.00187	.93387	.55229	1.17788	1.28848	1.37176	1.09378	.78577
1.492	-4.132	.95813	1.12095	1.01388	.94589	.56372	1.16093	1.28912	1.37195	1.08295	.77472
1.491	-3.646	.96462	1.13108	1.02481	.95713	.57502	1.14538	1.28998	1.37248	1.07011	.76239
1.491	-3.156	.97110	1.14165	1.03587	.96861	.58545	1.12974	1.28840	1.37059	1.05742	.75016
1.491	-2.672	.97831	1.15253	1.04732	.98020	.59829	1.11607	1.28980	1.37188	1.04611	.73868
1.491	-2.191	.98539	1.16302	1.05887	.99188	.61038	1.10077	1.28998	1.37199	1.03439	.72729
1.491	-1.708	.99233	1.17236	1.06948	1.00275	.62231	1.08564	1.28916	1.37109	1.02226	.71518
1.492	-1.224	.99949	1.18192	1.08037	1.01382	.63455	1.07075	1.28950	1.37153	1.01082	.70362
1.491	-.736	1.00897	1.19120	1.09100	1.02435	.64665	1.05728	1.28965	1.37189	.99861	.69165
1.491	-.252	1.01782	1.19988	1.10093	1.03430	.65836	1.04362	1.28844	1.37090	.98648	.67996
1.491	.260	1.03030	1.20934	1.11158	1.04521	.66999	1.03238	1.28756	1.37040	.97356	.66709
1.491	.772	1.04497	1.21939	1.12278	1.05645	.68222	1.02371	1.28739	1.37067	.96150	.65504
	GRADIENT	.01631	.02032	.02243	.02276	.02432	-.02924	-.00023	-.00023	-.02465	-.02434

(RCM043) (03 OCT 91)

PARAMETRIC DATA

BETA = -3.000 PHI = 180.000

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

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPC1	CPU	CPC4	CPC5	CPC6	CPO2
1.516	-7.094	.80489	1.05613	.94567	.87959	.50181	1.17452	1.34616	1.37130	1.15939	.85452
1.516	-6.586	.79870	1.06832	.95775	.89180	.51346	1.14723	1.34689	1.37171	1.14713	.84142
1.516	-6.094	.79151	1.07912	.96862	.90264	.52409	1.11797	1.34593	1.37049	1.13499	.82885
1.517	-5.600	.79135	1.09114	.98028	.91395	.53527	1.09333	1.34372	1.36806	1.12238	.81572
1.517	-5.109	.79835	1.10565	.99369	.92713	.54753	1.07493	1.34305	1.36739	1.11248	.80470
1.517	-4.619	.79886	1.11736	1.00459	.93791	.55779	1.05013	1.34283	1.36716	1.09979	.79145
1.517	-4.132	.80050	1.12887	1.01565	.94891	.56835	1.02821	1.34321	1.36768	1.08820	.77924
1.517	-3.646	.79822	1.13994	1.02644	.95972	.57933	1.00495	1.34441	1.36913	1.07722	.76774
1.516	-3.155	.80353	1.15045	1.03742	.97077	.59077	.98621	1.34501	1.36997	1.06527	.75536
1.516	-2.672	.80458	1.16109	1.04844	.98176	.60232	.96154	1.34595	1.37124	1.05285	.74303
1.517	-2.189	.81111	1.17202	1.06027	.99345	.61415	.94147	1.34650	1.37219	1.04092	.73132
1.517	-1.706	.81856	1.18157	1.07034	1.00386	.62501	.92172	1.34362	1.36973	1.02718	.71857
1.516	-1.222	.82790	1.19093	1.08138	1.01486	.63631	.90438	1.34024	1.36690	1.01463	.70670
1.517	-.736	.84017	1.20235	1.09421	1.02752	.64863	.88978	1.34017	1.36735	1.00314	.69588
1.516	-.252	.85541	1.21095	1.10508	1.03843	.65985	.87941	1.33990	1.36784	.99015	.68420
1.517	.260	.86954	1.22123	1.11782	1.05111	.67282	.86600	1.34068	1.36939	.97696	.67257
1.517	.772	.88319	1.23029	1.12883	1.06194	.68481	.85394	1.34058	1.37021	.96319	.65966
	GRADIENT	.01586	.02099	.02315	.02314	.02368	-.03703	-.00088	.00008	-.02546	-.02447

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

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPC1	CPU	CPC4	CPC5	CPC6	CPO2
1.541	-7.093	.61421	1.06121	.94626	.88052	.50132	.97834	1.27012	1.32027	1.15579	.85113
1.541	-6.587	.61999	1.07168	.95805	.89129	.51280	.95350	1.27069	1.31948	1.14342	.83825
1.541	-6.093	.63113	1.08404	.97186	.90397	.52581	.93456	1.27203	1.31981	1.13201	.82649
1.541	-5.601	.64256	1.09383	.98342	.91463	.53779	.91608	1.27332	1.32009	1.11907	.81345
1.541	-5.110	.65582	1.10511	.99677	.92713	.55002	.90055	1.27460	1.32055	1.10729	.80099
1.542	-4.618	.67114	1.11422	1.00843	.93797	.56063	.88698	1.27549	1.32061	1.09491	.78838
1.541	-4.127	.68615	1.12199	1.01970	.94860	.57083	.87471	1.27591	1.32040	1.08194	.77544
1.541	-3.644	.70259	1.12755	1.03140	.95966	.58152	.86519	1.27661	1.32047	1.06963	.76290
1.541	-3.155	.72376	1.13451	1.04351	.97126	.59295	.86119	1.27757	1.32085	1.05821	.75166
1.541	-2.672	.75303	1.13270	1.05514	.98259	.60415	.86476	1.27852	1.32137	1.04598	.73965
1.541	-2.187	.80163	1.11252	1.06844	.99503	.61594	.88789	1.27982	1.32219	1.03366	.72743
1.541	-1.707	.83987	1.11075	1.07966	1.00555	.62646	.90543	1.27982	1.32162	1.02066	.71496
1.541	-1.220	.86734	1.12676	1.09156	1.01740	.63812	.91441	1.28140	1.32261	1.00963	.70414
1.541	-.734	.88760	1.14850	1.10355	1.02894	.64961	.91654	1.32276	1.32276	.99723	.69178
1.541	-.250	.90425	1.17529	1.11435	1.03963	.66066	.91654	1.28297	1.32319	.98569	.68044
1.541	.259	.91728	1.21119	1.12475	1.05079	.67244	.91151	1.28286	1.32289	.97282	.66780
1.541	.770	.92735	1.24886	1.13533	1.06212	.68479	.90350	1.28338	1.32341	.96056	.65565
	GRADIENT	.05381	.01922	.02397	.02329	.02316	.00940	.00161	.00061	-.02491	-.02455

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

(RCMO44) (03 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	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
.599	-7.098	.65298	.68742	.58405	.51311	.09947	.96136	.90228	.89151	.82554	.49734
.599	-6.592	.66805	.70239	.59964	.52876	.11393	.95572	.90593	.89385	.81607	.48500
.599	-6.103	.67808	.71413	.61139	.54000	.12695	.94460	.90463	.89125	.80227	.46975
.599	-5.605	.69229	.72924	.62633	.55447	.14097	.93799	.90744	.89275	.79194	.45679
.599	-5.117	.70424	.74174	.63916	.56686	.15526	.92781	.90772	.89209	.77919	.44281
.599	-4.631	.71858	.75623	.65395	.58250	.17052	.90976	.90962	.89341	.76962	.43112
.600	-4.147	.72760	.76539	.66450	.59443	.18237	.91036	.90923	.89202	.75624	.41640
.600	-3.656	.73996	.77777	.67774	.60737	.19673	.90217	.91037	.89341	.74513	.40369
.599	-3.174	.75173	.78974	.69042	.62044	.20972	.89272	.91158	.89311	.73253	.38923
.600	-2.697	.76230	.80008	.70229	.63284	.22299	.88271	.91130	.89250	.72020	.37558
.600	-2.219	.77478	.81175	.71560	.64645	.23702	.87444	.91322	.89410	.70913	.36269
.600	-1.743	.78487	.82020	.72696	.65829	.25135	.86349	.91182	.89256	.69572	.34897
.599	-1.267	.79583	.83111	.73932	.67073	.26407	.85483	.91258	.89337	.68406	.33520
.599	-.789	.80760	.84266	.75233	.68422	.27896	.84623	.91419	.89498	.67228	.32239
.600	-.311	.81521	.85035	.76149	.69322	.29088	.83442	.91199	.89314	.65836	.30864
.600	.200	.82569	.86049	.77293	.70546	.30436	.82340	.91169	.89319	.64401	.29325
.600	.717	.83518	.87033	.78403	.71646	.31806	.81239	.91093	.89290	.62974	.27826
	GRADIENT	.02232	.02162	.02480	.02548	.02798	-.02019	.00044	.00013	-.02593	-.02843

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

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
.800	-7.069	.73876	.77207	.66625	.59420	.16108	1.03404	1.03394	1.06424	.89779	.56187
.800	-6.563	.75074	.78503	.67922	.60823	.17526	1.02538	1.03497	1.06472	.88575	.54767
.800	-6.066	.76264	.79842	.69256	.62149	.18931	1.01695	1.03599	1.06529	.87411	.53386
.800	-5.573	.77527	.81172	.70630	.63476	.20402	1.00868	1.03604	1.06504	.86319	.52060
.800	-5.085	.78722	.82388	.71924	.64796	.21804	1.00039	1.03657	1.06530	.85196	.50747
.800	-4.594	.79875	.83573	.73168	.66002	.23260	.99156	1.03653	1.06515	.84044	.49396
.800	-4.100	.81019	.84724	.74416	.67333	.24623	.98348	1.03700	1.06555	.82937	.48066
.800	-3.613	.82129	.85888	.75717	.68532	.26040	.97495	1.03725	1.06588	.81812	.46735
.800	-3.126	.83192	.86993	.76928	.69834	.27425	.96544	1.03669	1.06549	.80589	.45343
.800	-2.638	.84325	.88036	.78195	.71160	.28826	.95648	1.03656	1.06571	.79414	.43948
.800	-2.158	.85350	.89028	.79376	.72388	.30236	.94723	1.03633	1.06575	.78193	.42573
.800	-1.675	.86423	.90131	.80584	.73620	.31596	.93788	1.03576	1.06564	.76964	.41187
.800	-1.194	.87427	.91115	.81721	.74845	.32944	.92850	1.03530	1.06582	.75738	.39808
.800	-.709	.88415	.92126	.82815	.76019	.34291	.91879	1.03474	1.06605	.74462	.38419
.800	-.229	.89337	.93050	.83899	.77118	.35618	.90914	1.03379	1.06582	.73179	.37090
.800	.283	.90333	.94070	.85030	.78256	.37032	.89869	1.03277	1.06556	.71794	.35604
.800	.797	.91326	.95073	.86157	.79412	.38469	.88863	1.03191	1.06571	.70483	.34170
	GRADIENT	.02129	.02130	.02418	.02505	.02828	-.01925	-.00091	.00006	-.02532	-.02839

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(RCM044) (03 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	CPB	CPC1	CPC2	CPC3	CPC01	CPU	CPC4	CPC5	CPC6	CP02
.900	-7.073	.80083	.83262	.72905	.65831	.23356	1.08324	1.07095	1.08821	.94890	.61870
.900	-6.565	.81224	.84544	.74201	.67155	.24733	1.07453	1.07221	1.08857	.93742	.60551
.899	-6.070	.82301	.85782	.75410	.68371	.25992	1.06639	1.07230	1.08835	.92614	.59171
.900	-5.578	.83514	.87070	.76730	.69686	.27461	1.05897	1.07351	1.08896	.91584	.57937
.900	-5.088	.84683	.88307	.78019	.71009	.28821	1.05104	1.07413	1.08919	.90532	.56664
.900	-4.596	.85726	.89357	.79136	.72060	.30076	1.04219	1.07391	1.08869	.89371	.55266
.900	-4.106	.86807	.90493	.80366	.73419	.31424	1.03426	1.07489	1.08947	.88315	.53967
.900	-3.618	.87876	.91596	.81579	.74583	.32797	1.02583	1.07511	1.08959	.87203	.52708
.900	-3.129	.88920	.92659	.82778	.75859	.34125	1.01765	1.07542	1.08995	.86069	.51388
.900	-2.645	.89946	.93537	.83969	.77081	.35503	1.00835	1.07514	1.08963	.84872	.50032
.900	-2.163	.90935	.94566	.85093	.78225	.36771	.99902	1.07459	1.08928	.83678	.48655
.900	-1.685	.91958	.95572	.86253	.79409	.38164	.99010	1.07448	1.08950	.82505	.47421
.900	-1.202	.92923	.96588	.87346	.80565	.39460	.98146	1.07487	1.09023	.81340	.46095
.900	-.722	.93886	.97549	.88441	.81696	.40778	.97213	1.07384	1.08965	.80128	.44764
.900	-.241	.94777	.98447	.89462	.82764	.42003	.96319	1.07363	1.08991	.78943	.43487
.900	.270	.95716	.99411	.90534	.83852	.43333	.95260	1.07251	1.08960	.77592	.42010
.900	.787	.96666	1.00356	.91610	.84965	.44687	.94292	1.07184	1.08952	.76337	.40587
	GRADIENT	.02039	.02040	.02326	.02401	.02724	-.01857	-.00049	-.00009	-.02439	-.02731

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

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPC01	CPU	CPC4	CPC5	CPC6	CP02
1.100	-7.032	.95389	.98296	.88736	.82128	.43615	1.20755	1.23776	1.29039	1.08290	.78059
1.100	-6.521	.96421	.99539	.89926	.83345	.44867	1.20045	1.23809	1.29051	1.07280	.76862
1.100	-6.020	.97455	1.00717	.91110	.84538	.46132	1.19296	1.23842	1.29069	1.06269	.75645
1.100	-5.523	.98529	1.01849	.92316	.85646	.47361	1.18630	1.23859	1.29089	1.05359	.74482
1.100	-5.026	.99501	1.02877	.93385	.86764	.48535	1.17816	1.23825	1.29053	1.04294	.73232
1.100	-4.534	1.00509	1.03926	.94477	.87873	.49714	1.17100	1.23831	1.29080	1.03305	.72035
1.100	-4.035	1.01473	1.04956	.95572	.89009	.50936	1.16347	1.23795	1.29058	1.02272	.70845
1.100	-3.535	1.02413	1.05908	.96648	.90110	.52068	1.15543	1.23721	1.29017	1.01227	.69648
1.100	-3.035	1.03399	1.06844	.97761	.91321	.53320	1.14690	1.23624	1.28990	1.00119	.68419
1.100	-2.549	1.04354	1.07738	.98832	.92448	.54521	1.13865	1.23566	1.28972	.98993	.67187
1.100	-2.058	1.05273	1.08653	.99898	.93495	.55700	1.13024	1.23465	1.28930	.97890	.65963
1.100	-1.566	1.06271	1.09660	1.01034	.94661	.57022	1.12241	1.23412	1.28932	.96851	.64819
1.100	-1.077	1.07107	1.10510	1.01995	.95655	.58188	1.11369	1.23338	1.28907	.95724	.63576
1.100	-.583	1.07998	1.11466	1.03041	.96731	.59412	1.10568	1.23239	1.28897	.94646	.62371
1.100	-.099	1.08849	1.12337	1.04006	.97730	.60565	1.09723	1.23113	1.28856	.93560	.61167
1.100	.414	1.09748	1.13240	1.05024	.98767	.61806	1.08846	1.23007	1.28841	.92379	.59902
1.100	.921	1.10600	1.14131	1.06001	.99815	.63008	1.07984	1.22913	1.28819	.91211	.58631
	GRADIENT	.01860	.01871	.02126	.02197	.02451	-.01681	-.00171	-.00047	-.02222	-.02460

(RCMO44) (03 OCT 91)

IA310 (AEDC 16TF-783) PROBE CALIBRATION

PARAMETRIC DATA

BETA = -2.500 PHI = 180.000

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

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
1.250	-7.059	1.02114	1.05533	.95714	.88929	.50254	1.28413	1.30986	1.34940	1.15204	.84455
1.250	-6.549	1.03168	1.06765	.96905	.90120	.51475	1.27668	1.31015	1.34938	1.14113	.83228
1.250	-6.056	1.04194	1.07937	.98092	.91246	.52715	1.26899	1.31009	1.34916	1.13087	.82042
1.250	-5.559	1.05207	1.09047	.99198	.92408	.53920	1.26103	1.31011	1.34912	1.12034	.80778
1.250	-5.062	1.06276	1.10178	1.00376	.93647	.55175	1.25277	1.31068	1.34973	1.11067	.79645
1.250	-4.571	1.07141	1.11064	1.01376	.94642	.56259	1.24294	1.30876	1.34788	1.09967	.78393
1.250	-4.078	1.08129	1.12075	1.02500	.95801	.57475	1.23502	1.30899	1.34824	1.08970	.77261
1.250	-3.587	1.09097	1.12966	1.03606	.96947	.58646	1.22712	1.30947	1.34895	1.07950	.76109
1.250	-3.101	1.09988	1.13819	1.04608	.97973	.59771	1.21807	1.30841	1.34817	1.06781	.74875
1.250	-2.615	1.11015	1.14845	1.05753	.99092	.61005	1.21044	1.30719	1.34732	1.05756	.73755
1.250	-2.128	1.11984	1.15831	1.06823	1.00185	.62190	1.20259	1.30743	1.34793	1.04686	.72622
1.250	-1.645	1.12850	1.16743	1.07839	1.01242	.63359	1.19356	1.30692	1.34797	1.03532	.71449
1.250	-1.159	1.13738	1.17665	1.08864	1.02289	.64546	1.18499	1.30419	1.34587	1.02449	.70313
1.250	-.679	1.14720	1.18637	1.09944	1.03395	.65751	1.17761	1.30484	1.34715	1.01399	.69174
1.250	-.193	1.15494	1.19440	1.10831	1.04346	.66806	1.16816	1.30421	1.34723	1.00206	.67950
1.250	.318	1.16427	1.20400	1.11921	1.05470	.68076	1.15952	1.30212	1.34593	.99071	.66783
1.250	.832	1.17325	1.21261	1.12931	1.06504	.69257	1.15076	1.30208	1.34691	.97919	.65512
1.249	.01891	.01891	.01903	.02143	.02198	.02413	-.01713	-.00143	-.00038	-.02246	-.02384

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

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
1.400	-7.053	1.02856	1.08017	.97293	.90285	.51543	1.31943	1.34810	1.38231	1.17856	.86517
1.400	-6.544	1.04027	1.09376	.98649	.91573	.52806	1.31158	1.34886	1.38273	1.16835	.85327
1.400	-6.050	1.04941	1.10442	.99722	.92646	.53853	1.30059	1.34855	1.38221	1.15608	.83997
1.400	-5.553	1.06023	1.11679	1.00963	.93930	.55062	1.29159	1.34879	1.38221	1.14541	.82802
1.400	-5.060	1.06936	1.12682	1.02032	.95002	.56158	1.28041	1.34863	1.38202	1.13291	.81448
1.400	-4.564	1.08075	1.13807	1.03292	.96252	.57408	1.27272	1.34850	1.38183	1.12296	.80370
1.400	-4.076	1.09092	1.14800	1.04395	.97376	.58564	1.26368	1.34909	1.38251	1.11181	.79163
1.400	-3.582	1.10101	1.15822	1.05520	.98515	.59732	1.25372	1.34759	1.38111	1.10016	.77927
1.400	-3.092	1.11144	1.16821	1.06645	.99647	.60921	1.24372	1.34772	1.38150	1.08835	.76672
1.400	-2.605	1.12173	1.17853	1.07760	1.00766	.62022	1.23453	1.34689	1.38095	1.07620	.75401
1.400	-2.118	1.13251	1.18934	1.08939	1.01967	.63276	1.22502	1.34735	1.38180	1.06526	.74239
1.400	-1.634	1.14189	1.19921	1.10039	1.03029	.64441	1.21394	1.34541	1.38022	1.05272	.72942
1.400	-1.148	1.15226	1.20963	1.11190	1.04212	.65691	1.20577	1.34584	1.38125	1.04215	.71864
1.400	-.662	1.16064	1.22187	1.12154	1.05229	.66785	1.19527	1.34450	1.38049	1.02965	.70559
1.400	-.177	1.17055	1.22781	1.13213	1.06305	.67955	1.18628	1.34330	1.37993	1.01780	.69440
1.400	.333	1.17989	1.23706	1.14250	1.07407	.69190	1.17550	1.34250	1.37994	1.00434	.68113
1.400	.845	1.19097	1.24803	1.15493	1.08711	.70618	1.16707	1.34144	1.37973	.99360	.66975
1.400	.02033	.02033	.02036	.02254	.02294	.02428	-.01976	-.00134	-.00043	-.02410	-.02490

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(RCMO44) (03 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	CPCB	CPC1	CPC2	CPC3	CPC01	CPC4	CPC5	CPC6	CPC02
1.450	-7.083	1.01450	1.08180	.97341	.90324	.51795	1.32052	1.38994	1.18299	.87265
1.450	-6.580	1.02407	1.09297	.98493	.91492	.52830	1.30959	1.38949	1.17078	.85949
1.451	-6.087	1.03454	1.10565	.99707	.92733	.53973	1.29961	1.38909	1.16016	.84760
1.450	-5.596	1.04452	1.11725	1.00858	.93896	.55073	1.28789	1.38926	1.14748	.83389
1.450	-5.106	1.05388	1.12752	1.02000	.95024	.56193	1.27669	1.38835	1.13561	.82172
1.450	-4.616	1.06486	1.13872	1.03225	.96235	.57426	1.26746	1.38880	1.12434	.80965
1.450	-4.127	1.07418	1.14890	1.04324	.97317	.58528	1.25787	1.38835	1.11273	.79741
1.450	-3.640	1.08537	1.15990	1.05491	.98452	.59736	1.24832	1.38776	1.10152	.78552
1.449	-3.158	1.09492	1.16996	1.06533	.99489	.60828	1.23706	1.38714	1.08873	.77170
1.449	-2.676	1.10591	1.18171	1.07827	1.00778	.62108	1.22709	1.38762	1.07846	.76066
1.450	-2.202	1.11582	1.19282	1.09005	1.01957	.63274	1.21650	1.38827	1.06700	.74920
1.450	-1.726	1.12495	1.20228	1.10077	1.03095	.64434	1.20491	1.38636	1.05476	.73668
1.450	-1.249	1.13612	1.21265	1.11275	1.04346	.65756	1.19612	1.38763	1.04359	.72543
1.450	-.769	1.14567	1.22283	1.12394	1.05501	.67015	1.18621	1.38793	1.03152	.71378
1.450	-.291	1.15449	1.23128	1.13325	1.06446	.68121	1.17535	1.38680	1.01812	.70068
1.450	.220	1.16568	1.24166	1.14470	1.07603	.69413	1.16506	1.38600	1.00460	.68789
1.450	.736	1.17600	1.25200	1.15638	1.08783	.70775	1.15479	1.38707	.99227	.67522
	GRADIENT	.02087	.02133	.02341	.02377	.02509	-.02131	-.00032	-.02471	-.02509

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

MACH	ALPHA	CPCB	CPC1	CPC2	CPC3	CPC01	CPC4	CPC5	CPC6	CPC02
1.470	-7.080	.97872	1.06344	.95367	.88362	.50324	1.23886	1.21154	1.16132	.85416
1.469	-6.577	.98678	1.07485	.96528	.89553	.51352	1.23385	1.21006	1.14827	.84124
1.469	-6.086	.99649	1.08695	.97724	.90820	.52449	1.23508	1.20994	1.13604	.82865
1.469	-5.591	1.00645	1.09757	.98835	.91917	.53502	1.23559	1.20915	1.12353	.81531
1.469	-5.097	1.01663	1.10947	1.00050	.93097	.54616	1.23684	1.20926	1.11197	.80289
1.470	-4.609	1.02873	1.12299	1.01471	.94503	.55947	1.23901	1.21040	1.10288	.79308
1.468	-4.120	1.03609	1.13101	1.02410	.95447	.56823	1.23849	1.20915	1.08946	.77902
1.470	-3.632	1.04749	1.14247	1.03655	.96707	.58022	1.24049	1.21025	1.07915	.76831
1.470	-3.150	1.05832	1.15356	1.04871	.97939	.59253	1.24117	1.21014	1.06782	.75697
1.471	-2.670	1.06846	1.16386	1.05984	.99055	.60385	1.24221	1.21059	1.05593	.74500
1.470	-2.185	1.07871	1.17305	1.07000	1.00886	.61426	1.24126	1.20902	1.04302	.73198
1.470	-1.710	1.08932	1.18418	1.08218	1.01295	.62652	1.24150	1.20880	1.03244	.72089
1.470	-1.232	1.09746	1.19195	1.09159	1.02261	.63722	1.24153	1.20830	1.02014	.70785
1.470	-.748	1.10773	1.20144	1.10221	1.03411	.64988	1.24211	1.20835	1.00880	.69589
1.471	-.271	1.11847	1.21130	1.11306	1.04535	.66244	1.24276	1.20895	.99816	.68476
1.470	.242	1.12690	1.21925	1.12223	1.05494	.67422	1.24230	1.20825	.98403	.67103
1.484	.756	1.13752	1.22850	1.13248	1.06556	.68613	1.24125	1.20720	.97094	.65956
	GRADIENT	.02060	.01999	.02228	.02279	.02397	-.02175	-.00049	-.02439	-.02500

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(RCMO44) (03 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	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
1.491	-7.079	.92649	1.05558	.94649	.87882	.50216	1.25281	1.28715	1.36983	1.15218	.84797
1.492	-6.571	.93317	1.06757	.95839	.89079	.51219	1.23893	1.28826	1.37006	1.14048	.83544
1.491	-6.082	.93985	1.07950	.97014	.90249	.52227	1.22359	1.28861	1.36958	1.12865	.82248
1.491	-5.586	.94453	1.09107	.98248	.91408	.53247	1.20896	1.28898	1.36922	1.11707	.80990
1.492	-5.091	.94920	1.10293	.99437	.92570	.54328	1.19254	1.28951	1.36922	1.10537	.79809
1.492	-4.603	.95246	1.11479	1.00611	.93739	.55428	1.17484	1.29067	1.36995	1.09360	.78615
1.492	-4.111	.95819	1.12604	1.01765	.94889	.56564	1.15909	1.29175	1.37067	1.08183	.77488
1.491	-3.622	.96313	1.13659	1.02804	.95967	.57651	1.14275	1.29108	1.36965	1.06905	.76252
1.492	-3.141	.96858	1.14826	1.03976	.97179	.58870	1.12645	1.29056	1.36882	1.05674	.75065
1.492	-2.659	.97665	1.15977	1.05189	.98413	.60124	1.11279	1.29131	1.36950	1.04550	.73945
1.491	-2.175	.97826	1.16796	1.06108	.99359	.61149	1.09332	1.29107	1.36916	1.03218	.72682
1.491	-1.701	.98545	1.17755	1.07221	1.00507	.62386	1.07798	1.29042	1.36860	1.02112	.71577
1.491	-1.219	.99256	1.18647	1.08283	1.01579	.63582	1.06306	1.28990	1.36819	1.00961	.70407
1.492	-0.736	1.00184	1.19586	1.09385	1.02672	.64877	1.04976	1.29050	1.36905	.99868	.69291
1.492	-0.256	1.01261	1.20424	1.10360	1.03650	.65982	1.03821	1.29029	1.36908	.98694	.68114
1.492	.257	1.02447	1.21366	1.11439	1.04736	.67167	1.02620	1.28968	1.36882	.97445	.66835
1.492	.772	1.04003	1.22323	1.12524	1.05832	.68381	1.01824	1.28895	1.36848	.96201	.65548
	GRADIENT	.01534	.02004	.02222	.02258	.02434	-.03022	-.00035	-.00029	-.02448	-.02429

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

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
1.516	-7.084	.80241	1.05763	.94911	.88228	.50342	1.17215	1.33238	1.36489	1.15866	.85488
1.516	-6.572	.79801	1.06914	.96031	.89332	.51486	1.14497	1.33347	1.36552	1.14560	.84094
1.517	-6.076	.79410	1.08281	.97372	.90655	.52749	1.11850	1.33387	1.36555	1.13527	.82984
1.517	-5.580	.79366	1.09495	.98517	.91798	.53821	1.09393	1.33237	1.36377	1.12338	.81692
1.516	-5.096	.79733	1.10761	.99662	.92922	.54872	1.07210	1.33122	1.36242	1.11194	.80441
1.517	-4.604	.80241	1.11929	1.00728	.93970	.55874	1.05189	1.32982	1.36085	1.09996	.79183
1.517	-4.112	.80040	1.13158	1.01863	.95109	.56966	1.02767	1.32970	1.36072	1.08841	.77977
1.517	-3.624	.80115	1.14311	1.02956	.96204	.58058	1.00586	1.32875	1.35974	1.07667	.76725
1.517	-3.139	.80303	1.15392	1.04075	.97318	.59217	.98288	1.32777	1.35892	1.06442	.75509
1.517	-2.660	.80544	1.16601	1.05228	.98471	.60390	.95866	1.32836	1.35975	1.05238	.74312
1.517	-2.178	.81609	1.17901	1.06524	.99794	.61711	.94407	1.33346	1.36513	1.04203	.73277
1.517	-1.698	.82153	1.18720	1.07408	1.00685	.62704	.92276	1.33291	1.36487	1.02710	.71917
1.517	-1.218	.83143	1.19653	1.08460	1.01743	.63933	.90725	1.33005	1.36247	1.01413	.70715
1.517	-0.736	.84693	1.20715	1.09719	1.03001	.65058	.89787	1.32912	1.36194	1.00328	.69676
1.517	-0.255	.85736	1.21588	1.10741	1.04015	.66106	.88254	1.32827	1.36162	.99044	.68455
1.517	.257	.87347	1.22594	1.12056	1.05344	.67425	.87242	1.32814	1.36212	.97816	.67270
1.516	.771	.88543	1.23412	1.13095	1.06373	.68543	.85787	1.32651	1.36113	.96250	.65833
	GRADIENT	.01635	.02151	.02312	.02322	.02378	-.03595	-.00031	-.00037	-.02552	-.02466

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(RCMO44) (03 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	CPC1	CPC2	CPC3	CPC1	CPC4	CPC5	CPC6	CPC2
1.541	-7.079	1.06094	.94651	.88136	.50106	.97121	1.31914	1.15293	.84981
1.541	-6.570	1.07372	.96126	.89539	.51565	.95048	1.31734	1.14346	.83963
1.541	-6.076	1.08367	.97360	.90691	.52833	.93109	1.31788	1.13102	.82669
1.541	-5.581	1.09225	.98540	.91810	.54011	.91424	1.31799	1.11807	.81339
1.541	-5.091	1.10032	.99780	.92979	.55151	.89952	1.31799	1.10631	.80099
1.541	-4.603	1.10556	1.00934	.94076	.56205	.88681	1.31833	1.09383	.78832
1.541	-4.115	1.10968	1.02079	.95153	.57220	.87642	1.31812	1.08128	.77586
1.541	-3.624	1.11118	1.03260	.96292	.58320	.87107	1.31805	1.06928	.76378
1.542	-3.136	1.10716	1.04495	.97507	.59528	.87614	1.31917	1.05826	.75288
1.542	-2.659	1.08227	1.05545	.98656	.60570	.89787	1.31933	1.04593	.74042
1.542	-2.175	1.07348	1.06658	.99744	.61773	.91848	1.31968	1.03377	.72858
1.541	-1.697	1.08614	1.07946	1.00858	.62893	.92787	1.31867	1.02162	.71669
1.541	-1.218	1.10053	1.09185	1.01971	.63976	.93081	1.31713	1.00983	.70489
1.542	-.737	1.12394	1.10527	1.03192	.65170	.93185	1.31562	.99814	.69320
1.542	-.254	1.14694	1.11707	1.04249	.66224	.93107	1.31345	.98624	.68131
1.542	.257	1.18177	1.12961	1.05440	.67447	.92856	1.31314	.97416	.66905
1.541	.771	1.22615	1.14025	1.06551	.68657	.92277	1.31357	.96216	.65659
	GRADIENT	.01722	.02473	.02341	.02331	.01200	-.00016	-.02459	-.02452

(RCMO45) (03 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	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
.599	-7.078	.65757	.69140	.58767	.51530	.10044	.96466	.91250	.89323	.82649	.49822
.599	-6.577	.67064	.70431	.60189	.52924	.11480	.95576	.91220	.89203	.81449	.48406
.599	-6.082	.68592	.71964	.61824	.54579	.13088	.95057	.91700	.89551	.80572	.47267
.600	-5.586	.69659	.73084	.62984	.55825	.14367	.93989	.91531	.89288	.79226	.45743
.599	-5.096	.70936	.74521	.64367	.57234	.15764	.93167	.91670	.89350	.78113	.44456
.600	-4.607	.72362	.76018	.65851	.58747	.17330	.92499	.91959	.89574	.77119	.43266
.600	-4.121	.73403	.77115	.66973	.59925	.18529	.91522	.91899	.89445	.75859	.41847
.600	-3.632	.74446	.78188	.68160	.61118	.19784	.90467	.91866	.89378	.74523	.40324
.600	-3.149	.75714	.79351	.69506	.62488	.21206	.89639	.92029	.89491	.73399	.39043
.600	-2.668	.76882	.80465	.70814	.63820	.22726	.88660	.92050	.89483	.72176	.37713
.600	-2.194	.77971	.81607	.72022	.65069	.24057	.87663	.92046	.89463	.70916	.36310
.600	-1.723	.79038	.82626	.73159	.66249	.25388	.86798	.92063	.89483	.69755	.35041
.600	-1.258	.80106	.83631	.74400	.67516	.26843	.85872	.91963	.89395	.68595	.33805
.600	-.788	.80973	.84490	.75358	.68499	.27894	.84852	.92046	.89487	.67242	.32288
.600	-.317	.82007	.85519	.76541	.69716	.29329	.83946	.92015	.89489	.66093	.31109
.600	.194	.83018	.86533	.77683	.70892	.30727	.82801	.91915	.89422	.64651	.29584
.600	.719	.83883	.87421	.78686	.71912	.31922	.81606	.91814	.89375	.63128	.27924
.600	GRADIENT	.02211	.02171	.02460	.02523	.02801	-.02021	-.00004	-.00014	-.02600	-.02847

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

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
.800	-7.059	.74280	.77567	.66956	.59635	.16244	1.03631	1.02783	1.06508	.89787	.56238
.800	-6.553	.75489	.78776	.68281	.61042	.17734	1.02778	1.02873	1.06530	.88605	.54843
.800	-6.054	.76718	.80081	.69634	.62421	.19148	1.01968	1.02990	1.06589	.87518	.53478
.800	-5.558	.77949	.81414	.70933	.63766	.20591	1.01118	1.03019	1.06583	.86386	.52135
.800	-5.065	.79159	.82737	.72269	.65115	.22021	1.00316	1.03077	1.06596	.85279	.50845
.800	-4.575	.80285	.83960	.73516	.66374	.23393	.99473	1.03117	1.06626	.84144	.49487
.800	-4.084	.81390	.85151	.74762	.67667	.24827	.98629	1.03093	1.06583	.83043	.48211
.800	-3.596	.82546	.86280	.76055	.68910	.26261	.97744	1.03133	1.06622	.81882	.46845
.800	-3.105	.83626	.87273	.77278	.70144	.27622	.96796	1.03112	1.06619	.80628	.45387
.800	-2.618	.84746	.88442	.78559	.71474	.29036	.95887	1.03086	1.06601	.79447	.43974
.800	-2.140	.85748	.89515	.79730	.72698	.30467	.94961	1.03040	1.06583	.78224	.42616
.800	-1.664	.86783	.90536	.80881	.73891	.31766	.94055	1.02995	1.06584	.77036	.41277
.800	-1.187	.87771	.91518	.81991	.75077	.33114	.93122	1.02937	1.06569	.75825	.39934
.800	-.709	.88740	.92501	.83087	.76239	.34440	.92221	1.02888	1.06564	.74605	.38506
.800	-.234	.89705	.93469	.84196	.77384	.35798	.91316	1.02853	1.06608	.73372	.37295
.800	.278	.90666	.94450	.85319	.78533	.37195	.90267	1.02753	1.06601	.71976	.35792
.800	.798	.91660	.95453	.86452	.79707	.38653	.89214	1.02634	1.06544	.70603	.34284
.800	GRADIENT	.02123	.02141	.02414	.02497	.02838	-.01913	-.00086	-.00009	-.02527	-.02836

IA310 (AEDC 16TF-783) PROBE CALIBRATION (RCM045) (03 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	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
.900	-7.060	.80357	.83503	.73221	.66010	.23440	1.08467	1.15205	1.16688	.94832	.61856
.900	-6.552	.81603	.84760	.74616	.67392	.24879	1.07752	1.15253	1.16733	.93793	.60606
.900	-6.059	.82653	.85908	.75805	.68631	.26178	1.06846	1.15168	1.16733	.92631	.59211
.900	-5.561	.83874	.87259	.77116	.70051	.27661	1.06098	1.15120	1.16742	.91614	.57971
.900	-5.066	.85009	.88504	.78382	.71316	.28972	1.05286	1.15132	1.16796	.90520	.56657
.900	-4.581	.86072	.89618	.79557	.72529	.30306	1.04433	1.14994	1.16723	.89402	.55349
.900	-4.089	.87217	.90801	.80831	.73810	.31681	1.03701	1.15030	1.16825	.88412	.54115
.900	-3.595	.88119	.91685	.81859	.74858	.32990	1.02707	1.14846	1.16725	.87154	.52701
.900	-3.113	.89237	.92836	.83150	.76113	.34243	1.01905	1.14759	1.16756	.86036	.51370
.900	-2.624	.90286	.93934	.84339	.77373	.35663	1.01017	1.14630	1.16703	.84857	.50033
.900	-2.142	.91257	.94902	.85448	.78519	.36951	1.00098	1.14487	1.16695	.83681	.48704
.900	-1.669	.92233	.95910	.86556	.79667	.38254	.99228	1.14378	1.16700	.82533	.47444
.900	-1.196	.93229	.96918	.87676	.80835	.39578	.98395	1.14289	1.16708	.81391	.46181
.899	-.720	.94132	.97820	.88715	.82133	.40842	.97493	1.14173	1.16719	.80189	.44837
.900	-.245	.95044	.98748	.89750	.83029	.42129	.96606	1.13985	1.16702	.79035	.43575
.900	.267	.95940	.99685	.90817	.84118	.43450	.95602	1.13872	1.16705	.77665	.42100
.900	.786	.96936	1.00699	.91961	.85280	.44864	.94612	1.13702	1.16684	.76363	.40653
	GRADIENT	.02028	.02067	.02316	.02390	.02722	-.01838	-.00251	-.00013	-.02441	-.02740

RUN NO. 1478/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
1.102	-7.027	.95721	.98652	.89099	.82367	.43846	1.20979	1.22645	1.28858	1.08405	.78242
1.101	-6.516	.96821	.99814	.90317	.83566	.45088	1.20316	1.22262	1.28438	1.07408	.76997
1.100	-6.017	.97823	1.00925	.91412	.84723	.46274	1.19519	1.22409	1.28536	1.06329	.75715
1.100	-5.516	.98826	1.02050	.92524	.85846	.47460	1.18772	1.22433	1.28553	1.05332	.74466
1.100	-5.025	.99875	1.03236	.93735	.87112	.48718	1.18077	1.22508	1.28614	1.04377	.73312
1.100	-4.523	1.00795	1.04196	.94726	.88151	.49851	1.17273	1.22366	1.28467	1.03335	.72100
1.100	-4.021	1.01782	1.05213	.95828	.89294	.51045	1.16520	1.22364	1.28465	1.02307	.70902
1.100	-3.531	1.02721	1.06087	.96883	.90362	.52168	1.15718	1.22326	1.28440	1.01229	.69665
1.100	-3.035	1.03811	1.07184	.98093	.91622	.53515	1.14985	1.22357	1.28488	1.00220	.68545
1.100	-2.542	1.04715	1.08153	.99141	.92700	.54688	1.14086	1.22208	1.28392	.99056	.67269
1.100	-2.052	1.05637	1.09057	1.00212	.93759	.55918	1.13265	1.22149	1.28354	.97970	.66078
1.100	-1.560	1.06599	1.10024	1.01291	.94872	.57160	1.12494	1.22171	1.28246	.96930	.64906
1.100	-1.075	1.07461	1.10893	1.02276	.95901	.58348	1.11632	1.22152	1.28146	.95817	.63705
1.100	-.588	1.08313	1.11804	1.03264	.96936	.59543	1.10872	1.22150	1.28176	.94749	.62508
1.100	-.103	1.09177	1.12678	1.04245	.97945	.60696	1.10025	1.22145	1.28166	.93676	.61300
1.100	.405	1.09983	1.13536	1.05215	.98944	.61905	1.09138	1.22081	1.28176	.92467	.59995
1.100	.915	1.10843	1.14452	1.06233	1.00051	.63138	1.08281	1.20777	1.27961	.91300	.58697
	GRADIENT	.01856	.01890	.02123	.02189	.02457	-.01661	-.00315	-.00104	-.02216	-.02459

(RCM045) (03 OCT 91)

IA310 (AEDC 16TF-783) PROBE CALIBRATION

PARAMETRIC DATA

BETA = -2.000 PHI = 180.000

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

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
1.250	-7.049	1.05840	1.05840	.96102	.89160	.50462	1.28683	1.29632	1.34417	1.15296	.84591
1.250	-6.539	1.03423	1.06816	.97162	.90246	.51594	1.27793	1.29716	1.34462	1.14076	.83231
1.250	-6.042	1.04439	1.07958	.98308	.91429	.52829	1.27007	1.29618	1.34333	1.13017	.81995
1.250	-5.546	1.05604	1.09252	.99568	.92741	.54144	1.26349	1.29739	1.34439	1.12131	.80887
1.250	-5.047	1.06512	1.10194	1.00584	.93779	.55250	1.25333	1.29728	1.34413	1.10989	.79585
1.250	-4.558	1.07425	1.11222	1.01660	.94876	.56396	1.24426	1.29611	1.34286	1.09954	.78375
1.250	-4.063	1.08515	1.12333	1.02843	.96094	.57669	1.23808	1.29769	1.34448	1.09093	.77365
1.250	-3.575	1.09331	1.13187	1.03796	.97084	.58732	1.22864	1.29700	1.34395	1.07914	.76103
1.250	-3.082	1.10354	1.14198	1.04924	.98217	.59755	1.22046	1.29608	1.34312	1.06832	.74943
1.250	-2.598	1.11391	1.15270	1.06102	.99391	.61258	1.21256	1.29578	1.34323	1.05800	.73834
1.250	-2.112	1.12303	1.16216	1.07134	1.00444	.62396	1.20392	1.29507	1.34280	1.04667	.72633
1.250	-1.636	1.13255	1.17165	1.08169	1.01516	.63548	1.19664	1.29489	1.34301	1.03616	.71542
1.250	-1.157	1.14078	1.18031	1.09140	1.02521	.64714	1.18774	1.29375	1.34223	1.02504	.70408
1.250	-.678	1.14982	1.18957	1.10164	1.03585	.65878	1.18012	1.29246	1.34153	1.01474	.69279
1.250	-.201	1.15837	1.19834	1.11155	1.04636	.67019	1.17195	1.29208	1.34168	1.00413	.68190
1.249	.313	1.16711	1.20732	1.12161	1.05677	.68189	1.16261	1.29150	1.34178	.99173	.66873
1.250	.830	1.17595	1.21600	1.13187	1.06742	.69404	1.15334	1.29019	1.34126	.97975	.65554
GRADIENT		.01893	.01936	.02146	.02207	.02421	-.01696	-.00129	-.00049	-.02238	-.02376

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

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
1.400	-7.044	1.03156	1.08140	.97635	.90521	.51699	1.32120	1.33707	1.37811	1.17892	.86593
1.400	-6.539	1.04257	1.09370	.98911	.91789	.52890	1.31252	1.33670	1.37726	1.16781	.85324
1.400	-6.036	1.05342	1.10605	1.00149	.93000	.54083	1.30297	1.33803	1.37826	1.15664	.84101
1.400	-5.541	1.06263	1.11734	1.01260	.94128	.55222	1.29244	1.33814	1.37806	1.14482	.82823
1.400	-5.046	1.07330	1.12930	1.02448	.95301	.56393	1.28311	1.33800	1.37784	1.13357	.81570
1.400	-4.554	1.08343	1.14044	1.03556	.96461	.57553	1.27443	1.33835	1.37816	1.12285	.80422
1.400	-4.058	1.09357	1.15078	1.04646	.97573	.58691	1.26517	1.33758	1.37729	1.11155	.79211
1.399	-3.570	1.10393	1.16146	1.05784	.98714	.59853	1.25526	1.33733	1.37706	1.09972	.77922
1.400	-3.074	1.11471	1.17210	1.06921	.99875	.61067	1.24531	1.33753	1.37742	1.08804	.76681
1.400	-2.590	1.12501	1.18272	1.08060	1.01015	.62212	1.23582	1.33632	1.37636	1.07618	.75444
1.400	-2.108	1.13597	1.19407	1.09314	1.02270	.63513	1.22687	1.33752	1.37784	1.06577	.74318
1.400	-1.621	1.14479	1.20260	1.10283	1.03239	.64584	1.21596	1.33572	1.37641	1.05330	.73032
1.400	-1.143	1.15518	1.21301	1.11430	1.04405	.65806	1.20783	1.33560	1.37672	1.04282	.71944
1.400	-.662	1.16309	1.22117	1.12368	1.05387	.66896	1.19751	1.33412	1.37577	1.03009	.70669
1.400	-.184	1.17339	1.23137	1.13489	1.06532	.68112	1.18921	1.33396	1.37612	1.01952	.69565
1.400	.329	1.18333	1.24148	1.14602	1.07728	.69419	1.17891	1.33332	1.37616	1.00648	.68286
1.400	.847	1.19258	1.25089	1.15706	1.08896	.70702	1.16841	1.33125	1.37482	.99323	.66913
GRADIENT		.02033	.02054	.02262	.02306	.02438	-.01964	-.00116	-.00045	-.02391	-.02490

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

(RCM045) (03 OCT 91)

PARAMETRIC DATA

BETA = -2.000 PHI = 180.000

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

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
1.450	-7.072	1.01776	1.08223	.97613	.90555	.51908	1.32226	1.35191	1.38576	1.18217	.87250
1.450	-6.564	1.02691	1.09316	.98807	.91764	.52997	1.31086	1.35245	1.38592	1.17062	.85986
1.450	-6.068	1.03699	1.10588	1.00015	.92981	.54104	1.30009	1.35192	1.38512	1.15901	.84711
1.450	-5.576	1.04668	1.11694	1.01082	.94051	.55140	1.28869	1.35275	1.38578	1.14667	.83380
1.450	-5.085	1.05620	1.12916	1.02293	.95252	.56340	1.27706	1.35057	1.38337	1.13425	.82115
1.450	-4.596	1.06833	1.14187	1.03566	.96512	.57593	1.27030	1.35146	1.38422	1.12446	.81035
1.449	-4.104	1.07735	1.15168	1.04564	.97498	.58642	1.25959	1.35092	1.38375	1.11201	.79724
1.451	-3.615	1.08901	1.16489	1.05880	.98779	.59974	1.25061	1.35112	1.38398	1.10223	.78640
1.450	-3.130	1.09914	1.17607	1.07026	.99911	.61129	1.23967	1.35050	1.38457	1.09061	.77368
1.450	-2.651	1.10852	1.18578	1.08116	1.01000	.62269	1.22715	1.35034	1.38368	1.07795	.76039
1.450	-2.180	1.11857	1.19661	1.09301	1.02251	.63480	1.21720	1.34979	1.38342	1.06703	.74920
1.451	-1.705	1.12886	1.20712	1.10525	1.03510	.64757	1.20751	1.34960	1.38368	1.05626	.73844
1.450	-1.239	1.13796	1.21583	1.11511	1.04547	.65860	1.19729	1.34865	1.38319	1.04400	.72600
1.450	-.767	1.14799	1.22541	1.12541	1.05605	.67074	1.18844	1.34821	1.38331	1.03223	.71423
1.450	-.297	1.15744	1.23497	1.13555	1.06610	.68238	1.17827	1.34594	1.38183	1.01955	.70151
1.450	.217	1.16819	1.24566	1.14750	1.07817	.69610	1.16770	1.34553	1.38212	1.00591	.68880
1.450	.738	1.17894	1.25562	1.15925	1.09026	.70998	1.15745	1.34510	1.38239	.99279	.67546
GRADIENT		.02080	.02137	.02333	.02372	.02518	-.02134	-.00128	-.00042	-.02466	-.02523

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

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
1.470	-7.065	.98185	1.06344	.95712	.88721	.50491	1.29136	1.24393	1.20797	1.16082	.85420
1.470	-6.561	.98980	1.07464	.96828	.89868	.51504	1.27914	1.24432	1.20698	1.14686	.84045
1.470	-6.061	1.00007	1.08801	.98089	.91120	.52668	1.26932	1.24578	1.20717	1.13584	.82889
1.469	-5.573	1.00945	1.09943	.99202	.92195	.53688	1.25758	1.24607	1.20633	1.12288	.81484
1.470	-5.082	1.02020	1.11257	1.00443	.93425	.54866	1.24609	1.24810	1.20725	1.11208	.80338
1.470	-4.585	1.02942	1.12348	1.01576	.94547	.55901	1.23394	1.24863	1.20689	1.10036	.79123
1.470	-4.099	1.04022	1.13533	1.02843	.95835	.57118	1.22366	1.24970	1.20707	1.08999	.77999
1.470	-3.610	1.05041	1.14594	1.03941	.96957	.58201	1.21267	1.24980	1.20646	1.07803	.76771
1.470	-3.129	1.06140	1.15731	1.05149	.98184	.59401	1.20266	1.25029	1.20626	1.06683	.75659
1.469	-2.642	1.07118	1.16713	1.06192	.99215	.60466	1.19154	1.25005	1.20546	1.05419	.74378
1.470	-2.165	1.08090	1.17749	1.07342	1.00392	.61650	1.18029	1.25110	1.20605	1.04230	.73219
1.470	-1.692	1.09071	1.18770	1.08491	1.01541	.62880	1.17082	1.25133	1.20587	1.03264	.72228
1.470	-1.222	1.09975	1.19633	1.09546	1.02642	.64018	1.16077	1.25201	1.20624	1.02154	.71032
1.470	-.748	1.10768	1.20287	1.10274	1.03462	.65054	1.14959	1.25161	1.20565	1.00851	.69682
1.470	-.274	1.11905	1.21303	1.11393	1.04601	.66320	1.14071	1.25157	1.20544	.99813	.68530
1.470	.237	1.12949	1.22266	1.12480	1.05703	.67583	1.13008	1.25133	1.20511	.98552	.67196
1.469	.759	1.14019	1.23286	1.13639	1.06907	.68941	1.11930	1.25110	1.20491	.97277	.65968
GRADIENT		.02054	.02021	.02238	.02294	.02429	-.02158	.00048	-.00034	-.02397	-.02472

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

PARAMETRIC DATA

BETA = -2.000 PHI = 180.000

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

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
1.492	-7.065	.92769	1.05483	.94927	.88136	.50363	1.25327	1.28824	1.36732	1.15184	.84816
1.492	-6.558	.93314	1.06649	.96048	.89237	.51320	1.23664	1.28867	1.36678	1.13869	.83418
1.492	-6.061	.93967	1.07964	.97379	.90505	.52393	1.22285	1.28900	1.36640	1.12813	.82234
1.492	-5.569	.94450	1.09191	.98601	.91683	.53437	1.20803	1.29044	1.36702	1.11708	.81035
1.491	-5.076	.94699	1.10362	.99725	.92789	.54437	1.18958	1.29081	1.36697	1.10418	.79734
1.491	-4.586	.95167	1.11555	1.00867	.93921	.55537	1.17296	1.29124	1.36700	1.09226	.78556
1.491	-4.094	.95645	1.12657	1.02012	.95067	.56636	1.15620	1.29116	1.36656	1.08004	.77355
1.491	-3.601	.96214	1.13840	1.03133	.96227	.57795	1.14083	1.29082	1.36578	1.06810	.76228
1.491	-3.117	.96656	1.14995	1.04268	.97398	.59000	1.12311	1.29064	1.36536	1.05512	.74990
1.491	-2.637	.97151	1.16123	1.05424	.98586	.60214	1.10660	1.29094	1.36554	1.04356	.73851
1.492	-2.156	.97459	1.17150	1.06520	.99716	.61414	1.08803	1.29095	1.36560	1.03176	.72705
1.492	-1.682	.98038	1.18086	1.07529	1.00767	.62578	1.07215	1.29040	1.36518	1.02062	.71585
1.492	-1.208	.98937	1.18978	1.08558	1.01818	.63758	1.05909	1.29012	1.36502	1.00934	.70471
1.491	-.736	.99615	1.19760	1.09447	1.02692	.64863	1.04412	1.28920	1.36433	.99732	.69249
1.492	-.260	1.00997	1.20669	1.10502	1.03754	.66072	1.03512	1.28896	1.36445	.98730	.68158
1.492	.251	1.02114	1.21610	1.11581	1.04836	.67252	1.02231	1.28814	1.36405	.97476	.66837
1.492	.775	1.03674	1.22619	1.12743	1.06025	.68519	1.01422	1.28788	1.36414	.96222	.65491
	GRADIENT	.01493	.02052	.02206	.02251	.02442	-.03071	-.00063	-.00051	-.02423	-.02424

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

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
1.516	-7.071	.80411	1.05772	.95164	.88483	.50619	1.17071	1.32324	1.36038	1.15811	.85449
1.516	-6.562	.80040	1.07005	.96431	.89719	.51854	1.14442	1.32404	1.36072	1.14644	.84157
1.516	-6.066	.79085	1.08165	.97604	.90858	.52946	1.11313	1.32456	1.36084	1.13424	.82867
1.515	-5.568	.79130	1.09284	.98697	.91930	.53946	1.08942	1.32378	1.35977	1.12131	.81476
1.515	-5.071	.79693	1.10575	.99881	.93086	.55036	1.06928	1.32393	1.35960	1.11009	.80229
1.515	-4.585	.80324	1.11735	1.00976	.94147	.56033	1.05018	1.32370	1.35926	1.09818	.78971
1.515	-4.089	.80357	1.12961	1.02112	.95245	.57077	1.02658	1.32409	1.35968	1.08677	.77779
1.515	-3.602	.80024	1.14221	1.03259	.96410	.58206	1.00100	1.32423	1.35973	1.07495	.76590
1.515	-3.119	.79866	1.15482	1.04375	.97532	.59311	.97476	1.32404	1.35967	1.06183	.75330
1.515	-2.633	.80207	1.16636	1.05434	.98616	.60468	.95203	1.32373	1.35938	1.04914	.74097
1.515	-2.156	.80679	1.17863	1.06527	.99734	.61657	.93031	1.32367	1.35954	1.03686	.72932
1.515	-1.685	.81465	1.18942	1.07543	1.00769	.62793	.91337	1.32353	1.35963	1.02473	.71767
1.515	-1.211	.82326	1.20034	1.08633	1.01854	.63912	.89704	1.32291	1.35938	1.01232	.70590
1.514	-.736	.83234	1.21030	1.09699	1.02908	.64943	.88090	1.32198	1.35890	.99925	.69381
1.514	-.261	.84429	1.21992	1.10836	1.04072	.66042	.86786	1.32102	1.35848	.98689	.68223
1.514	.251	.86038	1.22974	1.12119	1.05358	.67294	.85806	1.32055	1.35859	.97451	.66963
1.515	.775	.87557	1.23947	1.13381	1.06614	.68621	.84698	1.32026	1.35902	.96235	.65657
	GRADIENT	.01346	.02302	.02295	.02314	.02354	-.03862	-.00076	-.00018	-.02576	-.02490

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(RCM045) (03 OCT 91)

PARAMETRIC DATA

BETA = -2.000 PHI = 180.000

RUN NO. 1618/ O RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPC1	CPC2	CPC3	CPC01	CPU	CPC4	CPC5	CPC6	CPC02
1.541	-7.064	1.06723	.94999	.88581	.50490	.97062	1.28818	1.31702	1.15528	.85293
1.542	-6.556	1.07514	.95996	.89555	.51671	.94764	1.28600	1.31391	1.14119	.83854
1.541	-6.061	1.08513	.97280	.90809	.53023	.92967	1.28710	1.31241	1.13054	.82695
1.541	-5.567	1.09228	.98478	.92000	.54270	.91445	1.28998	1.31472	1.11853	.81450
1.541	-5.076	1.09652	.99551	.93072	.55346	.89888	1.29025	1.31431	1.10546	.80098
1.541	-4.580	1.09944	1.00646	.94189	.56394	.88736	1.29074	1.31430	1.09355	.78898
1.541	-4.093	1.09947	1.01720	.95275	.57396	.87897	1.29081	1.31385	1.08162	.77708
1.541	-3.602	1.09475	1.02785	.96394	.58501	.87735	1.29074	1.31333	1.06948	.76481
1.541	-3.116	1.07161	1.03732	.97515	.59622	.89534	1.29086	1.31292	1.05711	.75236
1.541	-2.638	1.05664	1.04792	.98650	.60798	.92198	1.29139	1.31295	1.04558	.74060
1.541	-2.156	1.06390	1.06260	.99815	.61973	.93474	1.29155	1.31270	1.03378	.72871
1.541	-1.682	1.07472	1.07607	1.00907	.63036	.93815	1.29148	1.31207	1.02206	.71695
1.542	-1.211	1.08978	1.09159	1.02213	.64266	.94399	1.29256	1.31274	1.01129	.70617
1.541	-.734	1.10424	1.10422	1.03244	.65185	.94319	1.29147	1.31135	.99899	.69339
1.542	-.260	1.12881	1.11850	1.04454	.66365	.94331	1.29218	1.31193	.98822	.68225
1.541	.252	1.16184	1.13119	1.05560	.67454	.93800	1.29091	1.31079	.97449	.66832
1.541	.775	1.20601	1.14377	1.06810	.68763	.93378	1.29085	1.31117	.96259	.65590
1.542	GRADIENT	.01634	.02643	.02377	.03324	.01308	.00013	-.00059	-.02447	-.02485

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(RCM046) (03 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	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
.599	-7.062	.69598	.51735	.10221	.96594	.91823	.89315	.82664	.49833		
.599	-6.552	.70930	.53352	.11715	.96011	.92121	.89516	.81719	.48615		
.600	-6.061	.68761	.54654	.13141	.94951	.92089	.89402	.80349	.47078		
.600	-5.564	.70007	.56056	.14587	.94096	.92134	.89355	.79192	.45729		
.600	-5.069	.71175	.57373	.15943	.93164	.92226	.89370	.78015	.44396		
.600	-4.578	.72437	.58775	.17397	.92371	.92220	.89290	.76901	.43116		
.600	-4.089	.73577	.59997	.18531	.91526	.92439	.89454	.75760	.41726		
.600	-3.601	.75005	.61582	.20152	.90889	.92719	.89697	.74811	.40595		
.600	-3.115	.76873	.62852	.21600	.89812	.92627	.89586	.73483	.39176		
.600	-2.635	.79685	.64052	.22818	.88777	.92633	.89574	.72116	.37611		
.600	-2.160	.80845	.65339	.24305	.87924	.92607	.89545	.71008	.36408		
.599	-1.691	.81988	.66561	.25583	.87019	.92625	.89558	.69843	.35027		
.600	-1.231	.83032	.67772	.26963	.86153	.92671	.89628	.68686	.33795		
.600	-.778	.84060	.68773	.28195	.85108	.92446	.89423	.67429	.32506		
.600	-.323	.84872	.69904	.29397	.84291	.92575	.89596	.66266	.31213		
.600	.189	.85846	.71025	.30784	.83144	.92316	.89390	.64839	.29751		
.600	.726	.86740	.72355	.32234	.82090	.92507	.89651	.63388	.28138		
.600	GRADIENT	.87891	.73555	.34000	.81000	.92507	.89651	.63388	.28138		
.600		.88791	.75000	.35500	.80000	.92507	.89651	.63388	.28138		
.600		.89691	.76500	.37000	.79000	.92507	.89651	.63388	.28138		
.600		.90591	.78000	.38500	.78000	.92507	.89651	.63388	.28138		
.600		.91491	.79500	.40000	.77000	.92507	.89651	.63388	.28138		
.600		.92391	.81000	.41500	.76000	.92507	.89651	.63388	.28138		
.600		.93291	.82500	.43000	.75000	.92507	.89651	.63388	.28138		
.600		.94191	.84000	.44500	.74000	.92507	.89651	.63388	.28138		
.600		.95091	.85500	.46000	.73000	.92507	.89651	.63388	.28138		
.600		.95991	.87000	.47500	.72000	.92507	.89651	.63388	.28138		
.600		.96891	.88500	.49000	.71000	.92507	.89651	.63388	.28138		
.600		.97791	.90000	.50500	.70000	.92507	.89651	.63388	.28138		
.600		.98691	.91500	.52000	.69000	.92507	.89651	.63388	.28138		
.600		.99591	.93000	.53500	.68000	.92507	.89651	.63388	.28138		
.600		.02238	.94500	.55000	.67000	.92507	.89651	.63388	.28138		
.600			.96000	.56500	.66000	.92507	.89651	.63388	.28138		
.600			.97500	.58000	.65000	.92507	.89651	.63388	.28138		
.600			.99000	.59500	.64000	.92507	.89651	.63388	.28138		
.600			.02299	.61000	.63000	.92507	.89651	.63388	.28138		
.600				.62500	.62000	.92507	.89651	.63388	.28138		
.600				.64000	.61000	.92507	.89651	.63388	.28138		
.600				.65500	.60000	.92507	.89651	.63388	.28138		
.600				.67000	.59000	.92507	.89651	.63388	.28138		
.600				.68500	.58000	.92507	.89651	.63388	.28138		
.600				.70000	.57000	.92507	.89651	.63388	.28138		
.600				.71500	.56000	.92507	.89651	.63388	.28138		
.600				.73000	.55000	.92507	.89651	.63388	.28138		
.600				.74500	.54000	.92507	.89651	.63388	.28138		
.600				.76000	.53000	.92507	.89651	.63388	.28138		
.600				.77500	.52000	.92507	.89651	.63388	.28138		
.600				.79000	.51000	.92507	.89651	.63388	.28138		
.600				.80500	.50000	.92507	.89651	.63388	.28138		
.600				.82000	.49000	.92507	.89651	.63388	.28138		
.600				.83500	.48000	.92507	.89651	.63388	.28138		
.600				.85000	.47000	.92507	.89651	.63388	.28138		
.600				.86500	.46000	.92507	.89651	.63388	.28138		
.600				.88000	.45000	.92507	.89651	.63388	.28138		
.600				.89500	.44000	.92507	.89651	.63388	.28138		
.600				.91000	.43000	.92507	.89651	.63388	.28138		
.600				.92500	.42000	.92507	.89651	.63388	.28138		
.600				.94000	.41000	.92507	.89651	.63388	.28138		
.600				.95500	.40000	.92507	.89651	.63388	.28138		
.600				.97000	.39000	.92507	.89651	.63388	.28138		
.600				.98500	.38000	.92507	.89651	.63388	.28138		
.600				.02238	.37000	.92507	.89651	.63388	.28138		
.600					.36000	.92507	.89651	.63388	.28138		
.600					.35000	.92507	.89651	.63388	.28138		
.600					.34000	.92507	.89651	.63388	.28138		
.600					.33000	.92507	.89651	.63388	.28138		
.600					.32000	.92507	.89651	.63388	.28138		
.600					.31000	.92507	.89651	.63388	.28138		
.600					.30000	.92507	.89651	.63388	.28138		
.600					.29000	.92507	.89651	.63388	.28138		
.600					.28000	.92507	.89651	.63388	.28138		
.600					.27000	.92507	.89651	.63388	.28138		
.600					.26000	.92507	.89651	.63388	.28138		
.600					.25000	.92507	.89651	.63388	.28138		
.600					.24000	.92507	.89651	.63388	.28138		
.600					.23000	.92507	.89651	.63388	.28138		
.600					.22000	.92507	.89651	.63388	.28138		
.600					.21000	.92507	.89651	.63388	.28138		
.600					.20000	.92507	.89651	.63388	.28138		
.600					.19000	.92507	.89651	.63388	.28138		
.600					.18000	.92507	.89651	.63388	.28138		
.600					.17000	.92507	.89651	.63388	.28138		
.600					.16000	.92507	.89651	.63388	.28138		
.600					.15000	.92507	.89651	.63388	.28138		
.600					.14000	.92507	.89651	.63388	.28138		
.600					.13000	.92507	.89651	.63388	.28138		
.600					.12000	.92507	.89651	.63388	.28138		
.600					.11000	.92507	.89651	.63388	.28138		
.600					.10000	.92507	.89651	.63388	.28138		
.600					.09000	.92507	.89651	.63388	.28138		
.600					.08000	.92507	.89651	.63388	.28138		
.600					.07000	.92507	.89651	.63388	.28138		
.600					.06000	.92507	.89651	.63388	.28138		
.600					.05000	.92507	.89651	.63388	.28138		
.600					.04000	.92507	.89651	.63388	.28138		
.600					.03000	.92507	.89651	.63388	.28138		
.600					.02000	.92507	.89651	.63388	.28138		
.600					.01000	.92507	.89651	.63388	.28138		
.600					.00000	.92507	.89651	.63388	.28138		

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

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
.800	-7.047	.74634	.77906	.67141	.59865	.16444	1.03797	1.02265	1.06479	.89818	.56292
.800	-6.538	.75852	.79056	.68545	.61287	.17874	1.02983	1.02365	1.06511	.88679	.54881
.800	-6.044	.77046	.80201	.69904	.62648	.19317	1.02122	1.02462	1.06556	.87545	.53491
.800	-5.543	.78267	.81378	.71233	.64001	.20771	1.01263	1.02449	1.06479	.86416	.52201
.800	-5.050	.79457	.82572	.72531	.65303	.22120	1.00463	1.02497	1.06513	.85289	.50906
.800	-4.560	.80587	.83815	.73799	.66605	.23550	.99615	1.02543	1.06521	.84169	.49502
.800	-4.061	.81735	.85046	.75083	.67912	.25022	.98777	1.02603	1.06564	.83040	.48222
.800	-3.571	.82843	.86354	.76349	.69168	.26407	.97867	1.02659	1.06609	.81861	.46908
.800	-3.084	.83943	.87672	.77595	.70451	.27842	.96960	1.02629	1.06581	.80665	.45418
.800	-2.598	.84996	.88782	.78795	.71681	.29240	.95989	1.02559	1.06525	.79409	.43966
.800	-2.115	.86087	.89946	.80056	.72982	.30689	.95169	1.02519	1.06510	.78287	.42668
.800	-1.639	.87122	.90931	.81182	.74160	.31992	.94278	1.02515	1.06531	.77121	.41348
.800	-1.172	.88075	.91849	.82246	.75272	.33287	.93381	1.02499	1.06560	.75959	.40060
.800	-.707	.89034	.92833	.83335	.76445	.34602	.92502	1.02472	1.06584	.74758	.38723
.800	-.240	.89932	.93728	.84381	.77539	.35881	.91606	1.02308	1.06483	.73533	.37419
.800	.271	.90917	.94725	.85542	.78748	.37319	.90626	1.02258	1.06506	.72178	.35948
.800	.804	.91909	.95722	.86679	.79920	.38754	.89532	1.02179	1.06524	.70708	.34314
.800	GRADIENT	.02121	.02216	.02408	.02497	.02838	-.01878	-.00076	-.00009	-.02503	-.02826

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(RCM046) (03 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	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
.900	-7.048	.80706	.83848	.73468	.66281	.23608	1.08669	1.12958	1.16504	.94906	.61911
.900	-6.537	.81851	.84964	.74829	.67610	.25013	1.07826	1.13009	1.16571	.93810	.60619
.900	-6.041	.83040	.86080	.76111	.68980	.26384	1.07054	1.12989	1.16571	.92712	.59249
.900	-5.549	.84182	.87217	.77403	.70260	.27800	1.06250	1.13029	1.16633	.91635	.57957
.900	-5.050	.85289	.88329	.78626	.71501	.29065	1.05436	1.12970	1.16624	.90546	.56647
.900	-4.558	.86343	.89423	.79802	.72708	.30369	1.04585	1.12867	1.16552	.89421	.55340
.900	-4.063	.87416	.90608	.80997	.73929	.31730	1.03745	1.12886	1.16622	.88329	.54034
.900	-3.572	.88497	.91963	.82208	.75191	.33104	1.02909	1.12790	1.16585	.87217	.52745
.900	-3.081	.89535	.93136	.83433	.76378	.34473	1.02001	1.12729	1.16590	.86017	.51377
.900	-2.598	.90616	.94240	.84616	.77605	.35840	1.01206	1.12669	1.16603	.84892	.50046
.900	-2.120	.91573	.95265	.85737	.78765	.37128	1.00283	1.12536	1.16553	.83723	.48710
.900	-1.646	.92583	.96308	.86859	.79936	.38478	.99463	1.12484	1.16587	.82601	.47505
.900	-1.179	.93488	.97229	.87885	.81009	.39728	.98577	1.12308	1.16529	.81459	.46229
.900	-1.715	.94458	.98183	.88975	.82135	.41058	.97761	1.12238	1.16572	.80362	.45021
.900	-.252	.95283	.99050	.89948	.83190	.42206	.96917	1.12108	1.16549	.79195	.43704
.900	.258	.96193	1.00002	.91070	.84347	.43583	.95955	1.11966	1.16531	.77881	.42373
.900	.790	.97190	1.01015	.92217	.85534	.44994	.94926	1.11853	1.16553	.76498	.40712
.900	GRADIENT	.02036	.02159	.02327	.02407	.02743	-.01805	-.00202	-.00010	-.02415	-.02723

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

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
1.099	-7.023	.96068	.98915	.89278	.82550	.43875	1.21225	1.20137	1.27694	1.08467	.78280
1.100	-6.508	.97082	.99940	.90500	.83767	.45140	1.20460	1.20189	1.27683	1.07406	.77005
1.100	-6.010	.98092	1.00929	.91635	.84912	.46363	1.19723	1.20226	1.27663	1.06410	.75805
1.100	-5.508	.99079	1.01943	.92758	.86035	.47564	1.18938	1.20247	1.27638	1.05382	.74532
1.100	-5.015	1.00073	1.03001	.93893	.87197	.48776	1.18190	1.20268	1.27626	1.04395	.73353
1.100	-4.511	1.01045	1.04085	.94942	.88340	.49943	1.17408	1.20281	1.27608	1.03325	.72128
1.100	-4.020	1.02031	1.05160	.96032	.89447	.51156	1.16670	1.20262	1.27286	1.02325	.70938
1.100	-3.523	1.03029	1.06349	.97139	.90608	.52355	1.15861	1.20244	1.27257	1.01268	.69717
1.100	-3.028	1.04052	1.07477	.98290	.91779	.53635	1.15096	1.20237	1.27243	1.00235	.68568
1.100	-2.529	1.05047	1.08474	.99388	.92919	.54877	1.14265	1.19887	1.26942	.99109	.67317
1.099	-2.044	1.05934	1.09413	1.00439	.93958	.56065	1.13432	1.19833	1.26892	.98017	.66099
1.100	-1.555	1.06873	1.10381	1.01516	.95072	.57302	1.12679	1.19337	1.26992	.97033	.64990
1.100	-1.069	1.07705	1.11207	1.02460	.96065	.58474	1.11841	1.19271	1.26539	.95921	.63782
1.100	-.589	1.08528	1.12094	1.03437	.97084	.59670	1.11032	1.19204	1.26491	.94869	.62618
1.100	-.115	1.09344	1.12924	1.04390	.98080	.60772	1.10235	1.19136	1.26467	.93805	.61391
1.100	.393	1.10196	1.13831	1.05432	.99163	.62035	1.09406	1.19086	1.26452	.92650	.60124
1.100	.911	1.11051	1.14694	1.06410	1.00228	.63259	1.08503	1.19006	1.26431	.91399	.58752
1.100	GRADIENT	.01847	.01947	.02121	.02193	.02463	-.01647	-.00284	-.00223	-.02197	-.02454

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

(RCM046) (03 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	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
1.250	-7.038	1.02719	1.06003	.96234	.89315	.50523	1.28771	1.28646	1.33981	1.15213	.84545
1.250	-6.525	1.03702	1.06965	.97412	.90477	.51737	1.27952	1.28618	1.33905	1.14099	.83273
1.250	-6.031	1.04740	1.08006	.98589	.91655	.52977	1.27198	1.28665	1.33910	1.13071	.82044
1.250	-5.532	1.05779	1.09081	.99744	.92865	.54208	1.26374	1.28706	1.33934	1.12066	.80829
1.250	-5.034	1.06761	1.10090	1.00858	.94007	.55403	1.25449	1.28723	1.33924	1.11031	.79606
1.250	-4.540	1.07711	1.11198	1.01934	.95125	.56591	1.24615	1.28749	1.33932	1.10060	.78479
1.250	-4.046	1.08673	1.12336	1.03014	.96227	.57776	1.23819	1.28707	1.33877	1.09023	.77318
1.250	-3.558	1.09664	1.13445	1.04110	.97346	.58959	1.23019	1.28718	1.33890	1.07930	.76103
1.250	-3.068	1.10654	1.14473	1.05203	.98443	.60169	1.22201	1.28694	1.33872	1.06857	.74968
1.250	-2.578	1.11634	1.15523	1.06288	.99533	.61384	1.21368	1.28629	1.33822	1.05779	.73824
1.250	-2.091	1.12557	1.16525	1.07359	1.00638	.62575	1.20534	1.28508	1.33723	1.04687	.72670
1.249	-1.615	1.13470	1.17441	1.08367	1.01667	.63687	1.19803	1.28420	1.33666	1.03607	.71546
1.250	-1.143	1.14340	1.18324	1.09366	1.02704	.64859	1.19010	1.28380	1.33657	1.02591	.70479
1.250	-.675	1.15257	1.19268	1.10395	1.03779	.66029	1.18296	1.28454	1.33773	1.01633	.69427
1.250	-.208	1.16016	1.20062	1.11316	1.04764	.67103	1.17409	1.28373	1.33745	1.00518	.68260
1.250	.305	1.16918	1.20976	1.12377	1.05870	.68327	1.16503	1.28209	1.33635	.99320	.66977
1.250	.836	1.17888	1.21920	1.13458	1.06994	.69584	1.15609	1.28152	1.33647	.98100	.65626
GRADIENT		.01897	.01988	.02149	.02213	.02424	-.01672	-.00112	-.00053	-.02221	-.02370

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

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
1.400	-7.035	1.03415	1.08301	.97858	.90720	.51803	1.32281	1.32846	1.37448	1.17903	.86635
1.400	-6.521	1.04450	1.09343	.99104	.91942	.52983	1.31294	1.32759	1.37304	1.16704	.85286
1.400	-6.028	1.05514	1.10441	1.00364	.93171	.54175	1.30402	1.32921	1.37416	1.15622	.84090
1.400	-5.528	1.06435	1.11523	1.01479	.94283	.55287	1.29316	1.32796	1.37258	1.14422	.82800
1.400	-5.029	1.07607	1.12868	1.02754	.95566	.56581	1.28495	1.32994	1.37433	1.13403	.81648
1.400	-4.534	1.08523	1.13937	1.03733	.96593	.57639	1.27482	1.32828	1.37241	1.12209	.80374
1.400	-4.047	1.09645	1.15168	1.04931	.97815	.58857	1.26640	1.32948	1.37353	1.11151	.79217
1.400	-3.554	1.10583	1.16218	1.05964	.98853	.59951	1.25564	1.32830	1.37228	1.09921	.77903
1.400	-3.057	1.11767	1.17494	1.07248	1.00144	.61252	1.24688	1.32848	1.37254	1.08872	.76748
1.400	-2.570	1.12794	1.18567	1.08360	1.01275	.62433	1.23683	1.32895	1.37314	1.07668	.75512
1.400	-2.084	1.13767	1.19613	1.09484	1.02409	.63605	1.22680	1.32752	1.37187	1.06509	.74264
1.400	-1.602	1.14765	1.20586	1.10572	1.03476	.64765	1.21825	1.32802	1.37267	1.05409	.73101
1.400	-1.134	1.15596	1.21394	1.11473	1.04425	.65813	1.20843	1.32620	1.37118	1.04169	.71837
1.400	-.660	1.16592	1.22410	1.12565	1.05533	.66981	1.20063	1.32560	1.37096	1.03119	.70742
1.400	-.191	1.17512	1.23363	1.13634	1.06630	.68136	1.19136	1.32581	1.37172	1.02016	.69597
1.399	.320	1.18528	1.24402	1.14791	1.07867	.69473	1.18126	1.32390	1.37041	1.00748	.68296
1.400	.847	1.19540	1.25432	1.15984	1.09122	.70806	1.17097	1.32429	1.37152	.99388	.66923
GRADIENT		.02040	.02115	.02264	.02307	.02433	-.01933	-.00096	-.00039	-.02380	-.02497

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(RCMO46) (03 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	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
1.450	-7.050	1.01996	1.08393	.97817	.90781	.52028	1.32277	1.34395	1.38166	1.18159	.87247
1.450	-6.544	1.02875	1.09335	.98974	9.1932	.53070	1.31127	1.34385	1.38103	1.16973	.85952
1.450	-6.052	1.03904	1.10418	1.00195	.93146	.54183	1.30035	1.34397	1.38077	1.15824	.84685
1.450	-5.558	1.04923	1.11637	1.01405	.94334	.55362	1.28945	1.34457	1.38113	1.14662	.83457
1.450	-5.064	1.05878	1.12774	1.02560	.95473	.56495	1.27865	1.34324	1.37956	1.13412	.82163
1.450	-4.572	1.07000	1.14020	1.03759	.96667	.57700	1.27103	1.34434	1.38052	1.12393	.81034
1.450	-4.076	1.08019	1.15240	1.04882	.97768	.58850	1.26067	1.34451	1.38067	1.11213	.79737
1.450	-3.587	1.09057	1.16467	1.06070	.98908	.60050	1.24994	1.34394	1.38018	1.10086	.78515
1.450	-3.103	1.10122	1.17627	1.07262	1.00087	.61261	1.23915	1.34326	1.37959	1.09001	.77276
1.450	-2.622	1.11051	1.18688	1.08404	1.01242	.62437	1.22689	1.34277	1.37935	1.07789	.76014
1.450	-2.142	1.12108	1.19775	1.09568	1.02474	.63681	1.21777	1.34320	1.38005	1.06641	.74858
1.450	-1.677	1.13070	1.20820	1.10696	1.03674	.64841	1.20820	1.34153	1.37880	1.05544	.73781
1.450	-1.213	1.14118	1.21835	1.11761	1.04780	.66039	1.20045	1.34107	1.37882	1.04428	.72666
1.450	-.759	1.15078	1.22794	1.12698	1.05714	.67117	1.19125	1.34069	1.37882	1.03195	.71410
1.450	-.304	1.16051	1.23865	1.13782	1.06784	.68323	1.18208	1.33994	1.37860	1.02081	.70233
1.450	.206	1.17149	1.25035	1.15089	1.08109	.69752	1.17163	1.33990	1.37920	1.00773	.68935
1.450	.745	1.18114	1.26017	1.16272	1.09304	.71127	1.15884	1.33891	1.37893	.99269	.67482
	GRADIENT	.02113	.02259	.02359	.02398	.02529	-.02082	-.00109	-.00036	-.02452	-.02527

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

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
1.469	-7.049	.98221	1.06292	.95831	.88902	.50570	1.29080	1.25139	1.20361	1.15968	.85335
1.470	-6.543	.99262	1.07366	.97101	.90141	.51714	1.28073	1.25299	1.20401	1.14702	.84090
1.469	-6.046	1.00128	1.08530	.98273	.91265	.52757	1.26929	1.25374	1.20363	1.13438	.82724
1.470	-5.553	1.01327	1.09879	.99587	.92560	.53992	1.25988	1.25592	1.20478	1.12413	.81611
1.470	-5.062	1.02251	1.11053	1.00743	.93694	.55062	1.24693	1.25615	1.20412	1.11254	.80387
1.470	-4.564	1.03222	1.12239	1.01923	.94850	.56129	1.23498	1.25652	1.20364	1.10023	.79117
1.469	-4.074	1.04215	1.13329	1.03017	.95968	.57207	1.22388	1.25693	1.20331	1.08851	.77864
1.469	-3.584	1.05369	1.14536	1.04247	.97218	.58401	1.21411	1.25758	1.20336	1.07799	.76773
1.470	-3.097	1.06516	1.15834	1.05541	.98526	.59699	1.20434	1.25875	1.20389	1.06733	.75712
1.470	-2.615	1.07434	1.16849	1.06590	.99569	.60770	1.19226	1.25916	1.20382	1.05504	.74490
1.469	-2.134	1.08217	1.17705	1.07544	1.00567	.61817	1.18013	1.25809	1.20238	1.04165	.73182
1.469	-1.666	1.09172	1.18665	1.08604	1.01663	.62973	1.17080	1.25829	1.20235	1.03085	.72093
1.470	-1.202	1.10173	1.19698	1.09674	1.02779	.64160	1.16235	1.25899	1.20283	1.02114	.71069
1.469	-.744	1.10946	1.20546	1.10517	1.03677	.65211	1.15129	1.25847	1.20216	1.00938	.69795
1.470	-.283	1.11878	1.21416	1.11433	1.04618	.66338	1.14086	1.25870	1.20229	.99757	.68505
1.470	.229	1.13019	1.22558	1.12694	1.05885	.67732	1.13095	1.25888	1.20254	.98643	.67243
1.469	.766	1.14121	1.23508	1.13800	1.07027	.69089	1.11953	1.25750	1.20133	.97262	.65915
	GRADIENT	.02016	.02105	.02215	.02275	.02423	-.02178	.00025	-.00038	-.02401	-.02480

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(RCM046) (03 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	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
1.492	-7.051	.92735	1.05425	.95008	.88286	.50483	1.25211	1.28717	1.36292	1.15097	.84737
1.492	-6.544	.93516	1.06613	.96303	.89528	.51527	1.23763	1.28829	1.36299	1.13941	.83474
1.492	-6.047	.93896	1.07672	.97515	.90684	.52492	1.22179	1.28858	1.36248	1.12757	.82185
1.492	-5.549	.94349	1.08877	.98780	.91887	.53543	1.20571	1.28916	1.36247	1.11583	.80929
1.492	-5.053	.94574	1.10045	.99999	.93078	.54617	1.18727	1.29014	1.36239	1.10409	.79752
1.492	-4.560	.95132	1.11161	1.01158	.94208	.55705	1.17133	1.29144	1.36392	1.09207	.78572
1.491	-4.069	.95450	1.12255	1.02238	.95286	.56763	1.15290	1.29185	1.36380	1.07885	.77293
1.492	-3.579	.95965	1.13454	1.03393	.96478	.57952	1.13701	1.29307	1.36479	1.06698	.76172
1.492	-3.091	.96568	1.14770	1.04598	.97725	.59232	1.12076	1.29385	1.36548	1.05508	.75007
1.492	-2.605	.96591	1.15845	1.05625	.98791	.60369	1.09961	1.29414	1.36577	1.04262	.73761
1.492	-2.127	.97216	1.16971	1.06737	.99928	.61579	1.08420	1.29461	1.36637	1.03125	.72625
1.492	-1.658	.97683	1.17981	1.07714	1.00955	.62698	1.06708	1.29503	1.36699	1.01991	.71487
1.492	-1.189	.98293	1.18863	1.08599	1.01859	.63763	1.05181	1.29528	1.36443	1.00789	.70326
1.492	-.729	.99323	1.19889	1.09645	1.02873	.65000	1.04090	1.29036	1.36274	.99796	.69315
1.492	-.270	1.00084	1.20756	1.10567	1.03810	.66092	1.02660	1.28966	1.36242	.98687	.68129
1.491	.244	1.01411	1.21685	1.11608	1.04852	.67227	1.01551	1.28830	1.36151	.97422	.66721
1.492	.780	1.03135	1.22841	1.12912	1.06171	.68586	1.00741	1.28828	1.36194	.96205	.65393
	GRADIENT	.01385	.02187	.02179	.02222	.02426	-.03184	-.00082	-.00055	-.02429	-.02451

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

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
1.515	-7.051	.78993	1.05703	.95024	.88464	.50666	1.15763	1.31702	1.35793	1.15603	.85300
1.515	-6.539	.78318	1.06783	.96181	.89632	.51840	1.12826	1.31705	1.35748	1.14340	.83911
1.514	-6.041	.77886	1.07826	.97318	.90751	.52884	1.10067	1.31690	1.35691	1.13071	.82578
1.514	-5.548	.77934	1.08934	.98486	.91899	.53952	1.07786	1.31711	1.35666	1.11899	.81300
1.514	-5.057	.78704	1.10116	.99718	.93094	.55048	1.05863	1.31734	1.35662	1.10764	.80082
1.514	-4.559	.79275	1.11271	1.00910	.94223	.56118	1.03867	1.31763	1.35677	1.09655	.78903
1.514	-4.069	.79105	1.12396	1.02039	.95297	.57126	1.01207	1.31745	1.35644	1.08436	.77615
1.514	-3.577	.78786	1.13660	1.03268	.96495	.58262	.98600	1.31744	1.35636	1.07206	.76396
1.513	-3.091	.78620	1.14839	1.04344	.97553	.59317	.95891	1.31684	1.35573	1.05868	.75102
1.515	-2.608	.79492	1.16242	1.05629	.98810	.60608	.94194	1.31754	1.35645	1.04782	.74029
1.514	-2.126	.80347	1.17555	1.06649	.99844	.61715	.92336	1.31680	1.35589	1.03511	.72799
1.514	-1.656	.81198	1.18895	1.07730	1.00914	.62888	.90417	1.31702	1.35638	1.02328	.71630
1.514	-1.192	.82186	1.20114	1.08773	1.01935	.63974	.88960	1.31610	1.35569	1.01115	.70443
1.514	-.731	.83078	1.21215	1.09900	1.03076	.65087	.87544	1.31550	1.35550	.99935	.69343
1.514	-.269	.84293	1.22209	1.11014	1.04215	.66106	.86493	1.31483	1.35531	.98739	.68182
1.514	.244	.85746	1.23276	1.12249	1.05436	.67290	.85365	1.31411	1.35525	.97378	.66815
1.514	.777	.87440	1.24314	1.13558	1.06743	.68694	.84579	1.31356	1.35545	.96147	.65537
	GRADIENT	.01598	.02522	.02359	.02340	.02368	-.03636	-.00076	-.00026	-.02545	-.02496

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

(RCM047) (03 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	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
.601	-7.040	.66586	.70111	.59458	.52121	.10689	.96772	.92300	.89402	.82784	.50007
.600	-6.534	.67832	.71108	.60628	.53334	.11746	.95968	.92606	.89601	.81609	.48442
.600	-6.039	.69088	.72285	.62013	.54811	.13234	.95125	.92595	.89503	.80460	.47080
.601	-5.542	.70374	.73493	.63450	.56325	.14731	.94285	.92800	.89623	.79323	.45740
.600	-5.046	.71518	.74643	.64780	.57669	.16073	.93373	.92793	.89543	.78124	.44384
.601	-4.554	.73014	.76061	.66345	.59245	.17692	.92841	.93041	.89759	.77239	.43329
.600	-4.061	.73747	.76799	.67313	.60181	.18682	.91513	.92739	.89416	.75677	.41624
.600	-3.565	.75178	.78321	.68829	.61696	.20156	.90916	.93131	.89762	.74752	.40454
.601	-3.079	.76360	.79625	.70160	.63086	.21795	.89873	.92952	.89575	.73458	.39128
.600	-2.593	.77326	.80694	.71251	.64190	.22886	.88729	.92940	.89535	.72019	.37424
.600	-2.111	.78643	.82010	.72605	.65553	.24360	.88066	.93098	.89706	.71042	.36266
.600	-1.635	.79715	.83139	.73810	.66807	.25822	.87091	.93019	.89640	.69863	.35007
.601	-1.184	.80800	.84245	.75001	.68026	.27169	.86305	.93158	.89809	.68751	.33760
.600	-.750	.81625	.85182	.75991	.69059	.28419	.85356	.92869	.89558	.67569	.32491
.601	-.330	.82363	.85983	.76868	.69977	.29472	.84399	.92824	.89559	.66358	.31251
.600	.229	.83429	.87098	.78140	.71293	.30946	.83353	.92736	.89576	.64889	.29656
.600	.751	.84520	.88149	.79333	.72530	.32364	.82313	.92592	.89516	.63525	.28213
	GRADIENT	.02220	.02346	.02488	.02551	.02827	-.01954	-.00051	-.00014	-.02553	-.02824

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

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
.800	-7.034	.74921	.78223	.67326	.59931	.16548	1.03903	1.01875	1.06426	.89851	.56254
.800	-6.520	.76118	.79300	.68675	.61416	.18013	1.03043	1.01947	1.06432	.88699	.54850
.800	-6.027	.77302	.80413	.69990	.62811	.19433	1.02215	1.02014	1.06429	.87569	.53466
.800	-5.527	.78515	.81540	.71340	.64193	.20939	1.01353	1.02077	1.06457	.86421	.52189
.800	-5.033	.79670	.82658	.72638	.65488	.22284	1.00545	1.02131	1.06466	.85306	.50841
.800	-4.537	.80792	.83727	.73956	.66781	.23681	.99699	1.02096	1.06395	.84182	.49527
.800	-4.040	.81961	.84980	.75291	.68117	.25165	.98863	1.02143	1.06430	.83087	.48209
.800	-3.545	.83066	.86236	.76568	.69353	.26571	.97961	1.02189	1.06444	.81894	.46817
.800	-3.053	.84200	.87479	.77864	.70683	.28045	.97030	1.02188	1.06449	.80667	.45388
.800	-2.562	.85282	.88644	.79077	.71936	.29458	.96145	1.02159	1.06429	.79458	.43986
.800	-2.078	.86321	.89824	.80256	.73159	.30854	.95252	1.02143	1.06433	.78297	.42654
.800	-1.602	.87342	.91010	.81408	.74359	.32215	.94371	1.02106	1.06423	.77149	.41351
.800	-1.135	.88335	.92072	.82507	.75511	.33520	.93526	1.02045	1.06401	.76005	.40053
.800	-.689	.89243	.93067	.83536	.76633	.34815	.92677	1.01985	1.06401	.74858	.38759
.800	-.253	.90062	.93937	.84528	.77659	.35994	.91845	1.01926	1.06393	.73723	.37551
.800	.258	.91015	.94925	.85667	.78834	.37368	.90866	1.01837	1.06376	.72372	.36078
.800	.818	.92109	.96015	.86916	.80133	.38938	.89740	1.01749	1.06355	.70853	.34409
	GRADIENT	.02116	.02318	.02416	.02501	.02850	-.01857	-.00071	-.00012	-.02484	-.02818

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(RCMO47) (03 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	CPB	CPC1	CPC2	CPC3	CPC4	CPC5	CPC6	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
.900	-7.028	.80914	.84111	.73591	.66344	.23744	1.08713	1.11209	.94904	1.16327	1.16327	1.16327	.94904	.61893
.900	-6.518	.82077	.85139	.74873	.67719	.25093	1.07900	1.11312	.93778	1.16418	1.16418	1.16418	.93778	.60541
.901	-6.023	.83295	.86288	.76253	.69152	.26631	1.07132	1.11312	.92757	1.16410	1.16410	1.16410	.92757	.59332
.900	-5.527	.84395	.87354	.77465	.70434	.27927	1.06339	1.11335	.91645	1.16452	1.16452	1.16452	.91645	.57983
.900	-5.031	.85499	.88434	.78699	.71662	.29180	1.05528	1.11335	.90549	1.16478	1.16478	1.16478	.90549	.56661
.900	-4.534	.86581	.89480	.79987	.72923	.30563	1.04703	1.11279	.89481	1.16437	1.16437	1.16437	.89481	.55404
.900	-4.040	.87612	.90620	.81171	.74110	.31862	1.03807	1.11243	.88341	1.16435	1.16435	1.16435	.88341	.54023
.900	-3.545	.88734	.91893	.82439	.75392	.33277	1.02984	1.11243	.87214	1.16470	1.16470	1.16470	.87214	.52722
.900	-3.052	.89810	.93137	.83695	.76612	.34654	1.02103	1.11159	.86060	1.16432	1.16432	1.16432	.86060	.51361
.900	-2.564	.90809	.94233	.84833	.77790	.36004	1.01219	1.11071	.84864	1.16396	1.16396	1.16396	.84864	.50003
.900	-2.081	.91796	.95301	.85969	.78967	.37316	1.00372	1.11002	.83748	1.16395	1.16395	1.16395	.83748	.48713
.900	-1.604	.92783	.96370	.87068	.80116	.38632	.99542	1.10925	.82620	1.16362	1.16362	1.16362	.82620	.47468
.900	-1.142	.93747	.97373	.88154	.81249	.39944	.98718	1.10845	.81530	1.16362	1.16362	1.16362	.81530	.46224
.900	-.697	.94609	.98328	.89163	.82304	.41183	.97902	1.10738	.80442	1.16342	1.16342	1.16342	.80442	.44996
.900	-.264	.95405	.99230	.90112	.83330	.42331	.97127	1.10622	.79379	1.16342	1.16342	1.16342	.79379	.43832
.900	.295	.96400	1.00271	.91284	.84545	.43782	.96053	1.10453	.77890	1.16346	1.16346	1.16346	.77890	.42224
.900	.811	.97321	1.01244	.92383	.85690	.45113	.95061	1.10327	.76535	1.16334	1.16334	1.16334	.76535	.40687
.900		.02023	.02215	.02327	.02403	.02742	-.01793	-.00181	-.02408	-.00024	-.00024	-.00024	-.02408	-.02730

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

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPC4	CPC5	CPC6	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
1.100	-7.018	.96277	.99144	.89345	.82644	.43991	1.21297	1.18302	1.08476	1.26091	1.26091	1.26091	1.08476	.78299
1.100	-6.500	.97312	1.00145	.90589	.83911	.45258	1.20592	1.18416	1.07470	1.26128	1.26128	1.26128	1.07470	.77066
1.100	-6.007	.98302	1.01098	.91735	.85069	.46471	1.19811	1.18492	1.06419	1.26110	1.26110	1.26110	1.06419	.75811
1.100	-5.504	.99286	1.02047	.92871	.86209	.47678	1.19031	1.18506	1.05390	1.26080	1.26080	1.26080	1.05390	.74553
1.100	-5.009	1.00291	1.03064	.94036	.87382	.48876	1.18322	1.18583	1.04442	1.26094	1.26094	1.26094	1.04442	.73402
1.100	-4.502	1.01251	1.04046	.95094	.88484	.50061	1.17521	1.18604	1.03392	1.26055	1.26055	1.26055	1.03392	.72176
1.100	-4.011	1.02190	1.05111	.96161	.89573	.51220	1.16759	1.18592	1.02361	1.26009	1.26009	1.26009	1.02361	.70967
1.100	-3.512	1.03247	1.06310	.97333	.90772	.52478	1.15993	1.18651	1.01345	1.26044	1.26044	1.26044	1.01345	.69792
1.100	-3.012	1.04169	1.07394	.98403	.91861	.53684	1.15111	1.18606	1.00207	1.25970	1.25970	1.25970	1.00207	.68532
1.100	-2.518	1.05131	1.08462	.99479	.92985	.54917	1.14295	1.18637	.99093	1.25968	1.25968	1.25968	.99093	.67297
1.100	-2.028	1.06130	1.09529	1.00624	.94105	.56200	1.13611	1.18622	.98136	1.25951	1.25951	1.25951	.98136	.66224
1.100	-1.542	1.06984	1.10395	1.01593	.95116	.57342	1.12781	1.18571	.97051	1.25912	1.25912	1.25912	.97051	.65001
1.100	-1.059	1.07857	1.11298	1.02595	.96174	.58539	1.12015	1.18571	.95999	1.25930	1.25930	1.25930	.95999	.63808
1.100	-.588	1.08646	1.12197	1.03536	.97161	.59706	1.11190	1.18466	.94947	1.25840	1.25840	1.25840	.94947	.62621
1.100	-.136	1.09431	1.13070	1.04487	.98161	.60822	1.10443	1.18431	.93991	1.25828	1.25828	1.25828	.93991	.61528
1.100	.432	1.10352	1.14044	1.05595	.99310	.62145	1.09494	1.18340	.92645	1.25786	1.25786	1.25786	.92645	.60051
1.100	.927	1.11191	1.14904	1.06568	1.00366	.63349	1.08683	1.18315	.91537	1.25804	1.25804	1.25804	.91537	.58836
1.100		.01835	.01999	.02118	.02189	.02459	-.01630	-.00057	-.02181	-.00051	-.00051	-.00051	-.02181	-.02452

(RCMO47) (03 OCT 91)

IA310 (AEDC 16TF-783) PROBE CALIBRATION

PARAMETRIC DATA

BETA = -1.000 PHI = 180.000

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

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
1.250	-7.027	1.02877	1.06177	.96268	.89377	.50609	1.28860	1.27757	1.33400	1.15204	.84553
1.250	-6.514	1.03957	1.07202	.97545	.90676	.51916	1.28099	1.27897	1.33501	1.14144	.83315
1.250	-6.016	1.04980	1.08188	.98670	.91834	.53121	1.27343	1.28044	1.33606	1.13106	.82094
1.250	-5.518	1.05888	1.09125	.99755	.92969	.54293	1.26353	1.27833	1.33353	1.12017	.80860
1.250	-5.019	1.06962	1.10154	1.00988	.94176	.55548	1.25558	1.27920	1.33411	1.11103	.79690
1.250	-4.525	1.07864	1.11127	1.02065	.95251	.56697	1.24688	1.27974	1.33445	1.10046	.78485
1.250	-4.029	1.08833	1.12121	1.03114	.96314	.57834	1.23908	1.27971	1.33416	1.09022	.77307
1.250	-3.531	1.09853	1.13268	1.04251	.97471	.59076	1.23082	1.27942	1.33381	1.07938	.76096
1.250	-3.040	1.10834	1.14371	1.05357	.98542	.60269	1.22233	1.27883	1.33326	1.06823	.74916
1.250	-2.551	1.11876	1.15498	1.06513	.99725	.61547	1.21484	1.27903	1.33354	1.05791	.73803
1.250	-2.063	1.12768	1.16464	1.07538	1.00785	.62705	1.20653	1.27857	1.33324	1.04711	.72654
1.250	-1.582	1.13641	1.17411	1.08538	1.01821	.63850	1.19875	1.27755	1.33235	1.03610	.71527
1.250	-1.113	1.14538	1.18402	1.09560	1.02871	.65004	1.19131	1.27687	1.33200	1.02605	.70432
1.250	-.660	1.15393	1.19366	1.10551	1.03919	.66148	1.18411	1.27738	1.33289	1.01645	.69383
1.250	-.222	1.16117	1.20197	1.11438	1.04858	.67153	1.17592	1.27632	1.33239	1.00656	.68328
1.250	.291	1.16967	1.21041	1.12415	1.05878	.68313	1.16651	1.27492	1.33145	.99393	.67002
1.250	.848	1.17972	1.22057	1.13571	1.07077	.69623	1.15688	1.27443	1.33155	.98119	.65593
	GRADIENT	.01886	.02058	.02153	.02214	.02423	-.01666	-.00100	-.00053	-.02216	-.02379

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

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
1.400	-7.024	1.03604	1.08478	.97901	.90846	.51912	1.32371	1.32116	1.37012	1.17899	.86648
1.400	-6.511	1.04623	1.09501	.99114	.92060	.53081	1.31354	1.32042	1.36873	1.16687	.85308
1.400	-6.014	1.05689	1.10611	1.00403	.93343	.54317	1.30459	1.32192	1.36975	1.15616	.84113
1.400	-5.515	1.06592	1.11557	1.01478	.94418	.55382	1.29361	1.32105	1.36839	1.14357	.82766
1.400	-5.021	1.07756	1.12761	1.02815	.95707	.56643	1.28582	1.32194	1.36910	1.13387	.81645
1.400	-4.522	1.08609	1.13651	1.03777	.96682	.57670	1.27498	1.32111	1.36794	1.12147	.80322
1.400	-4.027	1.09826	1.14946	1.05083	.97988	.58978	1.26724	1.32202	1.36865	1.11179	.79233
1.400	-3.528	1.10889	1.16085	1.06250	.99143	.60197	1.25693	1.32278	1.36938	1.10009	.77959
1.400	-3.032	1.11928	1.17188	1.07395	1.00285	.61349	1.24644	1.32126	1.36780	1.08822	.76670
1.400	-2.542	1.12942	1.18258	1.08506	1.01421	.62536	1.23635	1.32125	1.36792	1.07604	.75398
1.399	-2.054	1.13873	1.19310	1.09586	1.02515	.63675	1.22660	1.32034	1.36714	1.06433	.74161
1.400	-1.576	1.14912	1.20409	1.10669	1.03584	.64843	1.21894	1.32015	1.36711	1.05349	.73009
1.400	-1.106	1.15873	1.21481	1.11699	1.04643	.65992	1.21073	1.32045	1.36770	1.04246	.71865
1.400	-.649	1.16818	1.22582	1.12768	1.05706	.67126	1.20222	1.31948	1.36720	1.03166	.70727
1.400	-.203	1.17636	1.23511	1.13751	1.06710	.68153	1.19297	1.31770	1.36589	1.02103	.69567
1.400	.308	1.18764	1.24668	1.15021	1.08066	.69604	1.18442	1.31902	1.36775	1.00958	.68422
1.400	.860	1.19704	1.25691	1.16179	1.09272	.70920	1.17231	1.31671	1.36597	.99403	.66887
	GRADIENT	.02055	.02241	.02286	.02316	.02442	-.01902	-.00088	-.00042	-.02366	-.02499

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(RCM047) (03 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	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CP02
1.449	-7.037	1.02002	1.08411	.97698	.90748	.52039	1.32183	1.32055	1.37525	1.18040	.87183
1.450	-6.525	1.03051	1.09460	.98891	91987	.53134	1.31147	1.33781	1.37765	1.16858	.85887
1.450	-6.029	1.03973	1.10579	1.00129	.93239	.54304	1.29951	1.33648	1.37592	1.15703	.84646
1.450	-5.532	1.05053	1.11712	1.01410	.94485	.55489	1.28971	1.33748	1.37661	1.14608	.83438
1.450	-5.035	1.06040	1.12734	1.02568	.95623	.56603	1.27950	1.33685	1.37572	1.13373	.82156
1.450	-4.542	1.07124	1.13799	1.03710	.96744	.57743	1.27072	1.33753	1.37620	1.12239	.80903
1.450	-4.048	1.08185	1.15035	1.05008	.97985	.59021	1.26050	1.33753	1.37614	1.11218	.79761
1.450	-3.554	1.09172	1.16135	1.06137	.99047	.60129	1.24914	1.33581	1.37439	1.10014	.78419
1.451	-3.066	1.10487	1.17582	1.07621	1.00511	.61615	1.24017	1.33858	1.37730	1.09150	.77417
1.449	-2.580	1.11245	1.18448	1.08515	1.01403	.62560	1.22654	1.33717	1.37604	1.07678	.75911
1.450	-2.099	1.12192	1.19535	1.09616	1.02581	.63794	1.21672	1.33541	1.37445	1.06519	.74748
1.450	-1.622	1.13381	1.20735	1.10827	1.03843	.65038	1.21026	1.33692	1.37621	1.05461	.73675
1.450	-1.166	1.14308	1.21790	1.11823	1.04865	.66119	1.20143	1.33469	1.37432	1.04259	.72502
1.450	-.735	1.15433	1.23111	1.13011	1.05993	.67308	1.19403	1.33436	1.37443	1.03258	.71434
1.450	-.314	1.16309	1.24194	1.14050	1.06991	.68383	1.18543	1.33436	1.37496	1.02170	.70253
1.449	.246	1.17445	1.25328	1.15302	1.08279	.69306	1.17285	1.33183	1.37326	1.00750	.68787
1.450	.770	1.18420	1.26396	1.16495	1.09415	.71228	1.16123	1.33188	1.37391	.99254	.67420
	GRADIENT	.02149	.02397	.02400	.02400	.02530	-.02023	-.00110	-.00048	-.02444	-.02538

RUN NO. 1638/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CP02
1.470	-7.033	.98447	1.06525	.95809	.89019	.50738	1.29148	1.25916	1.20148	1.15955	.85365
1.471	-6.526	.99416	1.07676	.97090	.90315	.51921	1.28114	1.26020	1.20143	1.14708	.84088
1.470	-6.029	1.00356	1.08746	.98225	.91415	.52945	1.27031	1.26069	1.20089	1.13457	.82778
1.471	-5.533	1.01539	1.10010	.99589	.92754	.54160	1.26056	1.26216	1.20147	1.12444	.81618
1.470	-5.035	1.02357	1.10986	1.00706	.93829	.55166	1.24648	1.26233	1.20086	1.11172	.80290
1.470	-4.542	1.03370	1.12007	1.01912	.95011	.56287	1.23539	1.26323	1.20117	1.10005	.79108
1.470	-4.043	1.04333	1.13044	1.03075	.96166	.57384	1.22377	1.26310	1.20054	1.08868	.77875
1.469	-3.552	1.05407	1.14144	1.04256	.97338	.58525	1.21261	1.26233	1.19939	1.07671	.76644
1.470	-3.065	1.06549	1.15380	1.05468	.98536	.59740	1.20236	1.26376	1.20044	1.06509	.75463
1.470	-2.573	1.07613	1.16605	1.06660	.99708	.60921	1.19178	1.26431	1.20071	1.05406	.74316
1.470	-2.095	1.08363	1.17610	1.07707	1.00783	.62046	1.18037	1.26363	1.19986	1.04228	.73151
1.470	-1.621	1.09350	1.18725	1.08830	1.01938	.63242	1.17145	1.26395	1.19997	1.03222	.72099
1.471	-1.158	1.10257	1.19711	1.09805	1.02947	.64364	1.16203	1.26418	1.20008	1.02123	.70979
1.470	-.719	1.11049	1.20608	1.10640	1.03814	.65337	1.15202	1.26412	1.19998	1.00997	.69799
1.470	-.293	1.11904	1.21582	1.11617	1.04777	.66423	1.14203	1.26395	1.19920	.99926	.68585
1.471	.215	1.13171	1.22777	1.12876	1.06039	.67883	1.13318	1.26395	1.19998	.98783	.67323
1.484	.782	1.14314	1.23865	1.14120	1.07315	.69332	1.12041	1.26248	1.19875	.97355	.65960
	GRADIENT	.02034	.02253	.02281	.02304	.02444	-.02148	.00006	-.00027	-.02369	-.02463

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(RCMO47) (03 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	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
1.492	-7.036	.92782	1.05750	.94936	.88267	.50614	1.25195	1.28741	1.36060	1.15037	.84689
1.492	-6.524	.93410	1.06899	.96170	.89512	.51616	1.23579	1.28860	1.36098	1.13823	.83377
1.492	-6.022	.93741	1.08029	.97380	.90716	.52614	1.21998	1.28864	1.36043	1.12680	.82093
1.492	-5.531	.94160	1.09132	.98533	.91881	.53625	1.20334	1.28853	1.35980	1.11478	.80847
1.492	-5.033	.94344	1.10205	.99756	.93111	.54757	1.18460	1.28919	1.36009	1.10316	.79701
1.492	-4.534	.94847	1.11208	1.00872	.94224	.55802	1.16762	1.28947	1.36005	1.09092	.78492
1.493	-4.045	.95581	1.12302	1.02140	.95460	.56995	1.15324	1.29056	1.36090	1.07940	.77362
1.492	-3.550	.96065	1.13426	1.03361	.96675	.58192	1.13609	1.29113	1.36138	1.06719	.76178
1.492	-3.056	.96221	1.14571	1.04532	.97811	.59367	1.11549	1.29031	1.36040	1.05419	.74900
1.492	-2.573	.96422	1.15711	1.05644	.98903	.60501	1.09596	1.28991	1.35996	1.04197	.73623
1.492	-2.086	.97098	1.16936	1.06826	1.00076	.61748	1.08107	1.28995	1.36005	1.03130	.72518
1.492	-1.615	.97451	1.17981	1.07834	1.01085	.62842	1.06335	1.28941	1.35963	1.01987	.71312
1.492	-1.149	.98122	1.19032	1.08897	1.02143	.64034	1.04881	1.28943	1.35979	1.00923	.70261
1.492	-.711	.98859	1.19923	1.09800	1.03053	.65163	1.03587	1.28852	1.35921	.99819	.69183
1.492	-.278	.99707	1.20794	1.10665	1.03910	.66192	1.02372	1.28807	1.35915	.98762	.68111
1.492	.231	1.01123	1.21868	1.11800	1.05017	.67326	1.01328	1.28741	1.35894	.97584	.66800
1.492	.796	1.02842	1.22951	1.13031	1.06273	.68612	1.00338	1.28661	1.35863	.96180	.65302
GRADIENT		.01333	.02232	.02264	.02244	.02422	-.03231	-.00067	-.00041	-.02417	-.02466

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

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
1.514	-7.040	.78629	1.06004	.94902	.88285	.50690	1.15414	1.31038	1.35383	1.15448	.85192
1.515	-6.523	.78262	1.07236	.96148	.89561	.51990	1.12719	1.31051	1.35339	1.14312	.83937
1.514	-6.027	.77681	1.08255	.97213	.90667	.53031	1.09848	1.30848	1.35081	1.13047	.82607
1.514	-5.530	.77614	1.09321	.98286	.91750	.54078	1.07297	1.30645	1.34827	1.11836	.81284
1.514	-5.033	.78625	1.10572	.99591	.93086	.55277	1.05516	1.30756	1.34828	1.10909	.80218
1.514	-4.538	.79203	1.11521	1.00666	.94156	.56248	1.03565	1.31117	1.35178	1.09708	.78926
1.514	-4.044	.79085	1.12456	1.01787	.95250	.57261	1.01064	1.31114	1.35158	1.08436	.77591
1.514	-3.554	.78776	1.13665	1.03147	.96591	.58477	.98507	1.31141	1.35171	1.07315	.76462
1.515	-3.060	.78979	1.14793	1.04361	.97789	.59638	.95967	1.31074	1.35101	1.06034	.75229
1.514	-2.573	.79655	1.15816	1.05479	.98858	.60737	.93903	1.30959	1.34990	1.04695	.73917
1.514	-2.084	.80737	1.17137	1.06670	1.00007	.61931	.92326	1.30890	1.34921	1.03503	.72764
1.514	-1.614	.81723	1.18493	1.07890	1.01134	.63089	.90555	1.30835	1.34883	1.02348	.71638
1.514	-1.153	.82615	1.19771	1.08934	1.02099	.64122	.89057	1.30637	1.34710	1.01039	.70325
1.514	-.709	.83571	1.21190	1.10104	1.03262	.65240	.87885	1.30533	1.34637	1.00012	.69227
1.514	-.281	.84724	1.22342	1.11174	1.04306	.66179	.86985	1.30491	1.34636	.98864	.68176
1.514	.232	.85764	1.23485	1.12446	1.05573	.67412	.85579	1.30390	1.34582	.97557	.66893
1.515	.799	.87735	1.24644	1.13876	1.07021	.68898	.84941	1.30358	1.34593	.96226	.65565
GRADIENT		.01669	.02557	.02472	.02391	.02370	-.03528	-.00169	-.00136	-.02545	-.02512

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(RCM047) (03 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	CPB	CPC1	CPC2	CPC3	CPC1	CPC2	CPC3	CPC1	CPC4	CPC5	CPC6	CPC2
1.541	-7.035	.61912	1.07359	.94860	.88327	.50607	.96606	.96606	1.29768	1.31115	1.15403	.85316	
1.541	-6.523	.63178	1.08317	.95963	.89428	.51924	.94614	.94614	1.29850	1.31127	1.14142	.84000	
1.541	-6.027	.64467	1.08967	.96971	.90444	.53140	.92791	.92791	1.29729	1.30931	1.12892	.82682	
1.541	-5.530	.65830	1.09439	.97934	.91466	.54311	.91270	.91270	1.29627	1.30775	1.11675	.81407	
1.540	-5.038	.67243	1.09687	.98919	.92534	.55412	.89942	.89942	1.29570	1.30672	1.10484	.80166	
1.540	-4.534	.68956	1.09736	.99553	.93584	.56482	.88868	.88868	1.29648	1.30710	1.09282	.78936	
1.541	-4.040	.71345	1.09490	1.00794	.94652	.57611	.88253	.88253	1.29815	1.30833	1.08095	.77754	
1.541	-3.549	.75097	1.07891	1.01444	.95606	.58706	.88921	.88921	1.29884	1.30867	1.06821	.76492	
1.541	-3.056	.81048	1.05396	1.02363	.96863	.59926	.92376	.92376	1.29710	1.30651	1.05673	.75283	
1.541	-2.574	.84911	1.05530	1.04236	.98488	.61192	.94161	.94161	1.29957	1.30850	1.04595	.74122	
1.541	-2.090	.87110	1.06180	1.05822	.99767	.62232	.94807	.94807	1.30162	1.31007	1.03348	.72845	
1.541	-1.614	.89137	1.06674	1.07247	1.00887	.63222	.95094	.95094	1.29705	1.30500	1.02117	.71562	
1.541	-1.149	.91031	1.07709	1.08792	1.02104	.64336	.95388	.95388	1.30143	1.30842	1.01012	.70353	
1.542	- .710	.92962	1.09305	1.10428	1.03462	.65549	.95853	.95853	1.29765	1.30455	1.00110	.69282	
1.541	- .280	.94364	1.11172	1.11854	1.04582	.66471	.95810	.95810	1.29960	1.30658	.99046	.68171	
1.542	.231	.95735	1.13891	1.13455	1.05887	.67532	.95438	.95438	1.29730	1.30478	.97799	.66816	
1.541	.796	.96898	1.18439	1.14942	1.07258	.68963	.94802	.94802	1.29452	1.30292	.96446	.65529	
	GRADIENT	.05443	.01350	.02389	.02633	.02342	.01465	.01465	-.00015	-.00079	-.02405	-.02541	

(RCM048) (03 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	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
.600	-7.023	.66660	.70019	.59336	.51974	.10422	.96786	.92716	.89601	.82738	.49786
.599	-6.514	.68153	.71351	.60884	.53536	.12021	.96048	.92811	.89600	.81672	.48506
.599	-6.011	.69180	.72357	.62053	.54750	.13259	.95036	.92793	.89479	.80368	.46929
.600	-5.513	.70765	.73850	.63716	.56462	.15019	.94538	.93179	.89821	.79525	.45897
.601	-5.021	.71714	.74849	.64848	.57653	.16336	.93410	.92939	.89521	.78187	.44476
.600	-4.523	.72772	.75928	.65997	.58840	.17510	.92463	.93052	.89578	.76913	.42972
.600	-4.026	.74113	.77219	.67422	.60293	.18974	.91741	.93136	.89636	.75852	.41723
.600	-3.528	.75358	.78553	.68840	.61752	.20484	.90809	.93212	.89688	.74674	.40383
.600	-3.030	.76564	.79799	.70166	.63096	.21838	.89861	.93365	.89819	.73395	.38920
.601	-2.537	.77616	.80929	.72773	.64355	.23251	.88775	.93047	.89502	.72106	.37531
.600	-2.049	.78865	.82306	.74016	.65729	.24593	.87968	.93205	.89839	.70979	.36127
.601	-1.561	.79953	.83426	.75159	.67021	.26090	.86996	.93205	.89695	.69786	.34844
.601	-1.088	.80918	.84474	.76227	.68184	.27406	.85939	.92988	.89509	.68533	.33437
.600	-.654	.81790	.85422	.77112	.69278	.28671	.85139	.92973	.89528	.67408	.32139
.600	-.310	.82524	.86184	.78442	.70216	.29739	.84586	.93011	.89627	.66574	.31292
.601	.248	.83690	.87398	.79470	.71581	.31224	.83622	.92943	.89658	.65160	.29849
.601	.828	.84598	.88242	.79470	.72686	.32596	.82208	.92621	.89426	.63341	.27984
		.02224	.02347	.02550	.02613	.02849	-.01923	-.00074	-.00026	-.02520	-.02804

GRADIENT

RUN NO. 1464/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
.800	-7.018	.75145	.78280	.67430	.60048	.16685	1.03913	1.01467	1.06264	.89859	.56258
.800	-6.507	.76285	.79417	.68753	.61416	.18109	1.03084	1.01569	1.06300	.88735	.54867
.800	-6.006	.77405	.80496	.69983	.62737	.19536	1.02171	1.01595	1.06248	.87528	.53428
.800	-5.505	.78610	.81674	.71311	.64112	.20990	1.01369	1.01630	1.06251	.86427	.52139
.800	-5.010	.79854	.82898	.72652	.65481	.22454	1.00613	1.01772	1.06345	.85369	.50870
.800	-4.515	.80943	.84004	.73886	.66741	.23821	.99751	1.01765	1.06302	.84233	.49522
.800	-4.014	.82054	.85184	.75157	.68045	.25240	.98839	1.01761	1.06263	.83067	.48128
.800	-3.518	.83207	.86450	.76516	.69354	.26697	.97954	1.01819	1.06312	.81879	.46744
.800	-3.022	.84325	.87616	.77791	.70655	.28137	.97025	1.01762	1.06247	.80663	.45325
.800	-2.530	.85433	.88841	.79081	.71964	.29588	.96137	1.01769	1.06270	.79447	.43905
.800	-2.033	.86458	.90073	.80330	.73242	.30954	.95210	1.01723	1.06238	.78266	.42528
.800	-1.549	.87560	.91273	.81581	.74518	.32376	.94330	1.01720	1.06259	.77139	.41219
.800	-1.072	.88566	.92385	.82753	.75734	.33769	.93409	1.01617	1.06187	.75923	.39841
.800	-.620	.89409	.93305	.83777	.76863	.35065	.92646	1.01565	1.06185	.74839	.38633
.802	-.218	.89768	.93823	.84448	.77571	.35907	.91494	1.01703	1.06470	.73534	.37244
.800	.329	.91842	.95650	.86385	.79518	.37939	.91501	1.01844	1.06729	.72747	.36246
.800	.886	.91948	.95963	.86899	.80105	.38991	.89397	1.00911	1.05915	.70580	.34088
		.02102	.02294	.02470	.02538	.02848	-.01850	-.00080	.00002	-.02472	-.02818

GRADIENT

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(RCMO48) (03 OCT 91)

PARAMETRIC DATA

BETA = -.500 PHI = 180.000

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

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPC1	CPC3	CPC1	CPC3	CPC4	CPC5	CPC6	CPC2
.900	-7.016	.81052	.84163	.73648	.66373	.23769	1.08729	1.09843	1.16189	1.09843	1.16189	.94898	.61833
.900	-6.503	.82237	.85296	.74971	.67725	.25229	1.07920	1.09930	1.16242	1.09930	1.16242	.93800	.60541
.900	-6.006	.83361	.86347	.76203	.69005	.26592	1.07110	1.09942	1.16244	1.09942	1.16244	.92702	.59206
.900	-5.504	.84483	.87437	.77437	.70339	.28000	1.06309	1.09915	1.16209	1.09915	1.16209	.91614	.57921
.900	-5.012	.85604	.88592	.78649	.71580	.29297	1.05507	1.09918	1.16207	1.09918	1.16207	.90543	.56623
.900	-4.510	.86675	.89690	.79874	.72824	.30627	1.04692	1.09927	1.16221	1.09927	1.16221	.89501	.55333
.900	-4.012	.87742	.90833	.81094	.74063	.31973	1.03836	1.09989	1.16308	1.09989	1.16308	.88338	.53977
.900	-3.520	.88847	.92036	.82366	.75385	.33389	1.02975	1.09869	1.16210	1.09869	1.16210	.87214	.52660
.900	-3.017	.90083	.93276	.83742	.76739	.34862	1.02248	1.10315	1.16709	1.10315	1.16709	.86153	.51395
.901	-2.524	.90879	.94199	.84770	.77786	.36137	1.01125	1.10150	1.16569	1.10150	1.16569	.84813	.49921
.900	-2.031	.92017	.95459	.86077	.79103	.37565	1.00389	1.09920	1.16390	1.09920	1.16390	.83796	.48705
.900	-1.547	.92827	.96457	.87094	.80149	.38755	99299	1.09443	1.15963	1.15963	1.15963	.82475	.47271
.900	-1.070	.94049	.97789	.88431	.81512	.40231	98742	1.09639	1.16225	1.16225	1.16225	.81536	.46111
.900	-.623	.94832	.98664	.89419	.82557	.41450	97916	1.09151	1.16115	1.16115	1.16115	.80432	.44838
.900	-.259	.95453	.99349	.90217	.83432	.42427	97220	1.08903	1.15970	1.15970	1.15970	.79506	.43830
.900	.313	.96402	1.00325	.91341	.84573	.43789	96093	1.08996	1.16194	1.16194	1.16194	.77902	.42161
.900	.881	.97409	1.01378	.92548	.85825	.45309	94976	1.08392	1.15698	1.15698	1.15698	.76437	.40524
	GRADIENT	.02204	.02204	.02372	.02431	.02738	-.01790	-.00292	-.00093	-.00292	-.00093	-.02403	-.02733

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

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPC1	CPC3	CPC1	CPC3	CPC4	CPC5	CPC6	CPC2
1.100	-7.012	.96293	.99162	.89492	.82693	.44032	1.21373	1.28476	1.29929	1.28476	1.29929	1.08483	.78310
1.100	-6.497	.97323	1.00112	.90595	.83849	.45276	1.20599	1.28412	1.29915	1.28412	1.29915	1.07434	.77041
1.100	-5.998	.98303	1.01058	.91701	.85019	.46495	1.19829	1.28252	1.29824	1.28252	1.29824	1.06390	.75802
1.100	-5.499	.99333	1.02071	.92839	.86205	.47721	1.19115	1.28253	1.29886	1.28253	1.29886	1.05408	.74629
1.100	-5.005	1.00264	1.03041	.93869	.87317	.48887	1.18332	1.28083	1.29784	1.28083	1.29784	1.04412	.73396
1.100	-4.500	1.01333	1.04106	.95035	.88527	.50108	1.17635	1.28060	1.29838	1.28060	1.29838	1.03442	.72231
1.100	-4.001	1.02261	1.05114	.96137	.89645	.51271	1.16805	1.27891	1.29757	1.27891	1.29757	1.02408	.71016
1.100	-3.506	1.03261	1.06161	.97284	.90796	.52496	1.16006	1.27796	1.29749	1.27796	1.29749	1.01339	.69768
1.100	-3.005	1.04282	1.07258	.98489	.92006	.53784	1.15275	1.27717	1.29748	1.27717	1.29748	1.00312	.68583
1.100	-2.509	1.05224	1.08279	.99607	.93084	.55014	1.14413	1.27562	1.29720	1.27562	1.29720	.99212	.67355
1.100	-2.010	1.06191	1.09326	1.00688	.94194	.56267	1.13667	1.27452	1.29659	1.27452	1.29659	.98188	.66215
1.100	-1.518	1.07059	1.10335	1.01723	.95238	.57463	1.12856	1.27307	1.29604	1.27307	1.29604	.97128	.65006
1.100	-1.025	1.07941	1.11425	1.02812	.96345	.58690	1.12093	1.27106	1.29553	1.27106	1.29553	.96072	.63790
1.100	-.571	1.08692	1.12300	1.03753	.97325	.59824	1.11309	1.26930	1.29537	1.26930	1.29537	.95034	.62630
1.100	-.102	1.09493	1.13173	1.04739	.98359	.60964	1.10575	1.26721	1.29537	1.26721	1.29537	.94036	.61509
1.100	.440	1.10354	1.14043	1.05730	.99424	.62144	1.09619	1.26421	1.29452	1.26421	1.29452	.92741	.60075
1.100	.966	1.11235	1.14958	1.06777	1.00503	.63422	1.08746	1.26254	1.29455	1.26254	1.29455	.91554	.58784
	GRADIENT	.01818	.02017	.02160	.02199	.02453	-.01617	-.00327	-.00069	-.00327	-.00069	-.02168	-.02452

(RCM048) (03 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	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
1.250	-7.018	1.03001	1.06250	.96324	.89363	.50685	1.28858	1.27187	1.33014	1.15204	.84542
1.250	-6.503	1.04068	1.07286	.97523	.90589	.51977	1.28105	1.27307	1.33075	1.14117	.83302
1.250	-6.004	1.05073	1.08291	.98669	.91782	.53228	1.27311	1.27311	1.33031	1.13088	.82084
1.250	-5.504	1.06081	1.09329	.99777	.92951	.54459	1.26446	1.27342	1.33026	1.12063	.80855
1.250	-5.005	1.07005	1.10267	1.00843	.94056	.55578	1.25526	1.27315	1.32972	1.11047	.79632
1.250	-4.505	1.07925	1.11236	1.01899	.95153	.56722	1.24674	1.27302	1.32934	1.10020	.78419
1.250	-4.012	1.08924	1.12285	1.03014	.96284	.57936	1.23896	1.27310	1.32926	1.09025	.77269
1.250	-3.513	1.10040	1.13452	1.04247	.97543	.59235	1.23154	1.27359	1.32965	1.08007	.76125
1.250	-3.014	1.10975	1.14449	1.05336	.98597	.60410	1.22242	1.27363	1.32960	1.06854	.74890
1.250	-2.520	1.11925	1.15335	1.06451	.99699	.61622	1.21387	1.27299	1.32907	1.05761	.73705
1.250	-2.024	1.12914	1.16673	1.07611	1.00867	.62859	1.20677	1.27164	1.32770	1.04747	.72626
1.250	-1.536	1.13906	1.17803	1.08765	1.02034	.64093	1.19994	1.27310	1.32944	1.03704	.71508
1.250	-1.055	1.14674	1.18709	1.09722	1.03019	.65200	1.19087	1.27233	1.32901	1.02573	.70283
1.250	-.604	1.15428	1.19577	1.10682	1.04048	.66295	1.18263	1.26997	1.32691	1.01585	.69182
1.249	-.192	1.16222	1.20374	1.11582	1.04983	.67283	1.17645	1.27080	1.32841	1.00674	.68247
1.250	.354	1.17215	1.21328	1.12684	1.06129	.68550	1.16717	1.26857	1.32680	.99401	.66895
1.250	.910	1.18138	1.22225	1.13712	1.07201	.69794	1.15703	1.26821	1.32705	.98067	.65476
	GRADIENT	.01883	.02064	.02201	.02241	.02424	-.01649	-.00095	-.00049	-.02203	-.02379

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

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
1.399	-7.017	1.03718	1.08554	.97891	.90713	.51925	1.32331	1.31482	1.36540	1.17810	.86577
1.400	-6.496	1.04693	1.09555	.99077	.91896	.53088	1.31278	1.31406	1.36395	1.16575	.85213
1.400	-5.997	1.05796	1.10768	1.00396	.93218	.54381	1.30462	1.31550	1.36488	1.15589	.84093
1.400	-5.497	1.06701	1.11795	1.01485	.94319	.55477	1.29358	1.31547	1.36435	1.14342	.82744
1.400	-5.009	1.07779	1.12962	1.02698	.95524	.56678	1.28538	1.31583	1.36437	1.13363	.81619
1.400	-4.505	1.08736	1.13961	1.03726	.96608	.57811	1.27517	1.31550	1.36376	1.12172	.80331
1.399	-4.011	1.09929	1.15215	1.04998	.97911	.59060	1.26721	1.31594	1.36401	1.11182	.79201
1.400	-3.512	1.10949	1.16195	1.06064	.98991	.60212	1.25608	1.31612	1.36406	1.09918	.77835
1.400	-3.013	1.12073	1.17409	1.07359	1.00287	.61481	1.24647	1.31563	1.36350	1.08861	.76645
1.400	-2.518	1.13101	1.18545	1.08572	1.01492	.62682	1.23667	1.31606	1.36397	1.07662	.75374
1.400	-2.022	1.13966	1.19600	1.09665	1.02589	.63797	1.22646	1.31411	1.36217	1.06426	.74078
1.400	-1.530	1.15168	1.20903	1.10953	1.03855	.65104	1.22004	1.31540	1.36363	1.05415	.72982
1.400	-1.053	1.16035	1.21924	1.11954	1.04885	.66236	1.21042	1.31504	1.36357	1.04224	.71732
1.400	-.595	1.16984	1.22977	1.13041	1.05963	.67368	1.20208	1.31350	1.36243	1.03167	.70578
1.400	-.177	1.17740	1.23744	1.13910	1.06892	.68329	1.19340	1.31208	1.36185	1.02181	.69520
1.400	.373	1.18821	1.24848	1.15168	1.08203	.69272	1.18288	1.31225	1.36274	1.00752	.68154
1.400	.918	1.19887	1.25923	1.16409	1.09492	.71140	1.17256	1.30978	1.36095	.99338	.66806
	GRADIENT	.02043	.02226	.02337	.02364	.02445	-.01889	-.00098	-.00045	-.02360	-.02501

(RCMO48) (03 OCT 91)

IA310 (AEDC 16TF-783) PROBE CALIBRATION

PARAMETRIC DATA

BETA = -.500 PHI = 180.000

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

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
1.450	-7.016	1.02245	1.08620	.97892	.90763	.52151	1.32289	1.33065	1.37279	1.18095	.87258
1.450	-6.507	1.03231	1.09699	.99103	.91998	.53272	1.31195	1.33147	1.37316	1.16884	.85950
1.449	-6.008	1.04079	1.10803	1.00262	.93180	.54374	1.29946	1.33098	1.37223	1.15694	.84535
1.450	-5.509	1.05096	1.11851	1.01388	.94292	.55499	1.28872	1.33125	1.37205	1.14498	.83334
1.450	-5.011	1.06015	1.12897	1.02486	.95407	.56617	1.27872	1.33177	1.37231	1.13333	.82125
1.449	-4.518	1.07047	1.13996	1.03586	.96515	.57748	1.26919	1.33096	1.37127	1.12151	.80821
1.450	-4.015	1.08208	1.15237	1.04855	.97760	.59031	1.25978	1.33083	1.37104	1.11146	.79664
1.449	-3.521	1.09367	1.16497	1.06179	.99054	.60344	1.24934	1.33130	1.37157	1.10067	.78440
1.450	-3.024	1.10467	1.17706	1.07473	1.00352	.61631	1.23793	1.33212	1.37248	1.09003	.77216
1.449	-2.526	1.11379	1.18846	1.08681	1.01550	.62767	1.22627	1.33085	1.37130	1.07718	.75896
1.450	-2.038	1.12374	1.19966	1.09810	1.02737	.63985	1.21670	1.33053	1.37117	1.06502	.74723
1.450	-1.555	1.13442	1.21096	1.10917	1.03896	.65163	1.20890	1.32928	1.37019	1.05264	.73479
1.451	-1.082	1.14703	1.22386	1.12151	1.05151	.66452	1.20209	1.32997	1.37125	1.04138	.72307
1.450	-.643	1.15645	1.23495	1.13235	1.06208	.67519	1.19284	1.32959	1.37118	1.02998	.71122
1.450	-.299	1.16324	1.24443	1.14229	1.07126	.68404	1.18513	1.32755	1.36980	1.02221	.70182
1.450	.266	1.17592	1.25478	1.15368	1.08306	.70094	1.17393	1.32666	1.36983	1.00788	.68776
1.451	.841	1.18768	1.26702	1.16678	1.09555	.71505	1.16220	1.32590	1.36978	.99213	.67380
	GRADIENT	.02186	.02399	.02451	.02457	.02552	-.01979	-.00099	-.00034	-.02431	-.02530

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

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
1.470	-7.019	.98549	1.06638	.95919	.88873	.50745	1.29136	1.26322	1.19813	1.15885	.85285
1.470	-6.504	.99384	1.07781	.97131	.90100	.51882	1.27951	1.26433	1.19823	1.14609	.83974
1.469	-6.005	1.00384	1.09003	.98284	.91232	.52953	1.26939	1.26465	1.19761	1.13399	.82673
1.470	-5.507	1.01515	1.10264	.99538	.92491	.54177	1.25864	1.26610	1.19810	1.12310	.81486
1.470	-5.013	1.02507	1.11441	1.00789	.93749	.55352	1.24671	1.26687	1.19823	1.11231	.80336
1.470	-4.510	1.03350	1.12295	1.01777	.94753	.56332	1.23435	1.26634	1.19702	1.09905	.79001
1.470	-4.017	1.04456	1.13388	1.02984	.95996	.57538	1.22358	1.26732	1.19747	1.08849	.77831
1.470	-3.518	1.05592	1.14501	1.04172	.97213	.58709	1.21307	1.26778	1.19757	1.07661	.76584
1.484	-3.020	1.06681	1.15725	1.05453	.98486	.59921	1.20183	1.26826	1.19777	1.06559	.75400
1.470	-2.533	1.07546	1.16853	1.06667	.99685	.61050	1.18961	1.26770	1.19704	1.05354	.74149
1.470	-2.040	1.08533	1.17988	1.07870	1.00903	.62262	1.18009	1.26741	1.19654	1.04243	.73022
1.470	-1.551	1.09487	1.19101	1.08974	1.02053	.63435	1.17066	1.26785	1.19688	1.03150	.71847
1.470	-1.075	1.10413	1.20117	1.10020	1.03138	.64624	1.16060	1.26836	1.19737	1.02038	.70638
1.470	-.639	1.11266	1.21059	1.10975	1.04146	.65726	1.15131	1.26827	1.19737	1.01006	.69542
1.470	-.258	1.12107	1.21897	1.11840	1.04963	.66606	1.14363	1.26697	1.19548	1.00008	.68565
1.470	.287	1.13365	1.23038	1.13121	1.06239	.68132	1.13185	1.26697	1.19661	.98646	.67174
1.470	.864	1.14527	1.24140	1.14418	1.07604	.69575	1.11930	1.26603	1.19597	.97181	.65748
	GRADIENT	.02046	.02230	.02349	.02384	.02453	-.02129	-.00011	-.00025	-.02358	-.02465

(RCMO48) (03 OCT 91)

IA310 (AEDC 16TF-783) PROBE CALIBRATION

PARAMETRIC DATA

BETA = -.500 PHI = 180.000

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

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
1.492	-7.017	.92791	1.05894	.95062	.88152	.50607	1.25098	1.28620	1.35754	1.15003	.84641
1.492	-6.508	.93416	1.07185	.96314	.89414	.51641	1.23506	1.28701	1.35760	1.13778	.83332
1.492	-6.004	.93740	1.08401	.97517	.90588	.52643	1.21952	1.28743	1.35740	1.12655	.82072
1.492	-5.511	.94118	1.09602	.98732	.91799	.53721	1.20226	1.28822	1.35755	1.11501	.80860
1.492	-5.012	.94370	1.10514	.99749	.92840	.54701	1.18392	1.28868	1.35758	1.10224	.79616
1.492	-4.514	.94857	1.11533	1.00874	.94005	.55827	1.16638	1.28886	1.35731	1.09026	.78416
1.492	-4.016	.95375	1.12564	1.02079	.95227	.57018	1.14972	1.28903	1.35720	1.07877	.77279
1.493	-3.523	.95741	1.13705	1.03297	.96481	.58271	1.13097	1.28907	1.35699	1.06656	.76068
1.492	-3.024	.96071	1.14777	1.04473	.97688	.59437	1.11202	1.28837	1.35611	1.05364	.74753
1.492	-2.531	.96235	1.15979	1.05723	.98933	.60637	1.09228	1.28858	1.35627	1.04191	.73519
1.492	-2.039	.96806	1.17280	1.07014	1.00217	.61893	1.07599	1.28844	1.35624	1.03103	.72382
1.492	-1.549	.97418	1.18398	1.08093	1.01296	.63030	1.06005	1.28797	1.35592	1.01957	.71145
1.493	-1.078	.97912	1.19453	1.09172	1.02392	.64254	1.04399	1.28813	1.35633	1.00836	.69955
1.492	-.629	.98677	1.20316	1.10094	1.03349	.65378	1.03172	1.28784	1.35632	.99737	.68804
1.492	-.244	.99353	1.20988	1.10758	1.03999	.66284	1.01935	1.28624	1.35559	.98702	.67917
1.492	.302	1.01101	1.22220	1.12102	1.05260	.67482	1.00840	1.28586	1.35597	.97443	.66575
1.492	.872	1.02951	1.23274	1.13347	1.06603	.68966	1.00008	1.28480	1.35549	.96111	.65181
	GRADIENT	.01338	.02222	.02316	.02331	.02440	-.03224	-.00070	-.00029	-.02400	-.02471

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

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
1.515	-7.022	.78897	1.06400	.95220	.88438	.50882	1.15612	1.30470	1.34831	1.15616	.85363
1.515	-6.502	.78058	1.07485	.96291	.89511	.52005	1.12494	1.30548	1.34850	1.14279	.83932
1.514	-6.004	.78168	1.08571	.97422	.90669	.53100	1.10200	1.30666	1.34917	1.13095	.82662
1.515	-5.510	.78277	1.09688	.98546	.91819	.54195	1.07706	1.30849	1.35062	1.11970	.81392
1.515	-5.012	.79034	1.10682	.99591	.92883	.55211	1.05776	1.30772	1.34949	1.10764	.80119
1.515	-4.514	.79106	1.11745	1.00779	.94068	.56322	1.03330	1.30614	1.34763	1.09748	.78938
1.515	-4.016	.78773	1.12766	1.01949	.95224	.57389	1.00860	1.30686	1.34817	1.08573	.77665
1.514	-3.518	.78468	1.13720	1.03026	.96331	.58437	.98029	1.30623	1.34741	1.07237	.76296
1.515	-3.019	.79392	1.14989	1.04351	.97667	.59723	.96204	1.30708	1.34822	1.06039	.75120
1.514	-2.531	.80092	1.16125	1.05574	.98872	.60892	.94158	1.30612	1.34822	1.06039	.73859
1.514	-2.038	.81076	1.17372	1.06749	1.00035	.62062	.92468	1.30495	1.34615	1.03449	.72597
1.514	-1.548	.82053	1.18752	1.08070	1.01302	.63301	.90790	1.30521	1.34658	1.02289	.71467
1.514	-1.072	.82775	1.19988	1.09259	1.02435	.64444	.89148	1.30463	1.34609	1.00985	.70181
1.514	-.633	.83693	1.21236	1.10384	1.03538	.65574	.88038	1.30342	1.34520	.99910	.69078
1.514	-.245	.85482	1.22299	1.11394	1.04504	.66400	.87708	1.30196	1.34428	.98993	.68150
1.514	.301	.86419	1.23777	1.12773	1.05858	.67623	.85629	1.29989	1.34269	.97447	.66718
1.514	.871	.87792	1.24860	1.14102	1.07183	.69009	.84453	1.29894	1.34219	.96010	.65371
	GRADIENT	.01765	.02521	.02504	.02456	.02384	-.03450	-.00140	-.00108	-.02555	-.02519

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(RCMO48) (03 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	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
1.541	-7.017	.62077	1.07434	.94951	.88292	.50608	.96408	1.29400	1.30200	1.15356	.85306
1.541	-6.502	.63474	1.08366	.95976	.89296	.51812	.94431	1.29519	1.30235	1.14044	.83933
1.541	-6.009	.64888	1.09122	.97072	.90406	.53114	.92828	1.29709	1.30371	1.12933	.82730
1.542	-5.505	.66387	1.09736	.98225	.91624	.54402	.91452	1.30052	1.30660	1.11846	.81571
1.542	-5.012	.67811	1.09879	.99098	.92598	.55432	.90013	1.30205	1.30769	1.10576	.80279
1.541	-4.514	.69444	1.09666	.99871	.93478	.56391	.88844	1.30072	1.30592	1.09233	.78932
1.542	-4.016	.71860	1.09260	1.00728	.94505	.57531	.88318	1.29822	1.30315	1.07998	.77713
1.541	-3.518	.75893	1.07753	1.01556	.95613	.58779	.89391	1.29664	1.30120	1.06895	.76532
1.542	-3.020	.81658	1.05222	1.02540	.96901	.60049	.92774	1.29732	1.30148	1.05680	.75244
1.541	-2.527	.85042	1.05471	1.04293	.98506	.61266	.94194	1.29797	1.30166	1.04506	.73996
1.541	-2.034	.87362	1.05978	1.05960	.99884	.62374	.94845	1.29828	1.30154	1.03276	.72710
1.542	-1.549	.89695	1.07056	1.07672	1.01289	.63599	.95462	1.29974	1.30249	1.02266	.71573
1.541	-1.077	.91772	1.08203	1.09275	1.02588	.64788	.95885	1.30055	1.30284	1.01169	.70354
1.541	-.632	.93291	1.09308	1.10614	1.03636	.65775	.95993	1.30044	1.30264	1.00092	.69095
1.541	-.245	.94714	1.10742	1.11955	1.04654	.66553	.96124	1.29903	1.30157	.99022	.67981
1.542	.303	.96195	1.14317	1.13856	1.06246	.67724	.95653	1.29655	1.30026	.97684	.66661
1.542	.879	.97398	1.18853	1.15406	1.07634	.69176	.95053	1.29517	1.30003	.96403	.65591
	GRADIENT	.05368	.01423	.03035	.02698	.02374	.01478	-.00026	-.00057	-.02379	-.02529

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

(RCM049) (03 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	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
.599	-6.997	.66570	.70119	.59422	.52042	.10437	.96518	.92133	.89359	.82559	.49607
.600	-6.488	.68124	.71375	.60918	.53575	.12002	.95839	.92311	.89477	.81560	.48360
.599	-5.990	.69300	.72511	.62251	.54938	.13360	.95021	.92473	.89556	.80410	.46921
.600	-5.492	.70591	.73723	.63651	.56430	.14905	.94164	.92525	.89562	.79266	.45618
.600	-4.994	.71638	.74800	.64857	.57695	.16223	.93173	.92553	.89543	.78008	.44224
.600	-4.490	.72938	.76138	.66319	.59187	.17743	.92384	.92669	.89595	.76914	.42905
.600	-3.991	.74160	.77409	.67742	.60567	.19072	.91550	.92709	.89596	.75809	.41555
.600	-3.487	.75262	.78615	.69024	.61871	.20502	.90482	.92733	.89587	.74447	.40107
.600	-2.987	.76511	.79928	.70335	.63212	.21888	.89576	.92809	.89658	.73204	.38644
.600	-2.482	.77652	.81154	.71616	.64534	.23341	.88517	.92622	.89473	.71922	.37216
.601	-1.976	.78900	.82437	.72943	.65884	.24836	.87673	.92782	.89654	.70818	.35901
.600	-1.468	.80027	.83552	.74179	.67147	.26182	.86655	.92827	.89701	.69575	.34375
.600	-.954	.81248	.84771	.75565	.68567	.27769	.85732	.92732	.89647	.68342	.32970
.600	-.420	.82245	.85945	.76808	.69829	.29229	.84631	.92682	.89652	.66946	.31431
.600	-.075	.82937	.86635	.77621	.70690	.30094	.84233	.91543	.89730	.66065	.30647
.600	.472	.83996	.87702	.78840	.71979	.31707	.83151	.91349	.89576	.64607	.29150
.600	.984	.84950	.88676	.79951	.73132	.33026	.82037	.91271	.89555	.63112	.27633
	GRADIENT	.02242	.02341	.02528	.02586	.02820	-.01869	-.00207	.00010	-.02477	-.02783

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

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
.800	-7.003	.75234	.78475	.67591	.60163	.16769	1.03887	1.00598	1.05936	.89895	.56259
.800	-6.492	.76361	.79530	.68874	.61493	.18169	1.03003	1.00716	1.05963	.88715	.54805
.800	-5.986	.77478	.80603	.70110	.62841	.19603	1.02108	1.00790	1.05941	.87541	.53399
.800	-5.491	.78728	.81868	.71525	.64310	.21110	1.01345	1.00941	1.06028	.86476	.52134
.800	-4.991	.79860	.82967	.72789	.65593	.22506	1.00468	1.00972	1.06005	.85327	.50783
.800	-4.490	.80944	.84074	.74027	.66852	.23832	.99587	1.00980	1.05974	.84148	.49370
.800	-3.990	.82104	.85287	.75390	.68203	.25303	.98745	1.01032	1.06002	.83039	.48018
.800	-3.489	.83197	.86563	.76696	.69466	.26714	.97809	1.01068	1.06018	.81809	.46585
.800	-2.988	.84327	.87829	.78006	.70813	.28198	.96876	1.01018	1.05957	.80607	.45165
.800	-2.487	.85492	.89078	.79319	.72158	.29717	.96009	1.01027	1.05974	.79451	.43807
.800	-1.980	.86488	.90146	.80455	.73333	.31029	.95021	1.00964	1.05925	.78195	.42297
.800	-1.477	.87648	.91317	.81707	.74645	.32540	.94160	1.00956	1.05937	.77050	.40976
.800	-.971	.88635	.92425	.82876	.75851	.33905	.93137	1.00889	1.05899	.75703	.39436
.800	-.451	.89659	.93594	.84104	.77172	.35387	.92215	1.00842	1.05897	.74429	.37972
.800	.083	.90797	.94752	.85479	.78609	.36703	.91301	1.00705	1.05927	.73119	.36749
.801	.489	.91529	.95537	.86373	.79553	.38204	.90564	1.00576	1.05886	.72069	.35562
.800	1.006	.92536	.96535	.87493	.80713	.39583	.89531	1.00512	1.05903	.70628	.33964
	GRADIENT	.02124	.02290	.02460	.02535	.02866	-.01825	-.00078	-.00020	-.02437	-.02794

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(RCM049) (03 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	CPC1	CPC2	CPC3	CPC4	CPC5	CPC6	CPO2
.900	-7.001	.84492	.73955	.66645	.23984	1.08928	1.08653	1.15939
.900	-6.487	.85409	.75096	.82823	.25315	1.07884	1.08661	1.16292
.900	-5.985	.86421	.76289	.69086	.26635	1.07015	1.08697	1.16299
.900	-5.483	.87539	.77527	.70419	.27999	1.06173	1.08604	1.16187
.900	-4.991	.88654	.78782	.71696	.29339	1.05365	1.08487	1.16050
.900	-4.489	.89760	.80016	.72942	.30654	1.04595	1.08379	1.15937
.900	-3.986	.90913	.81324	.74234	.32021	1.03720	1.08307	1.15867
.900	-3.489	.92180	.82582	.75510	.33442	1.02825	1.08262	1.15832
.900	-2.981	.93401	.83860	.76757	.34828	1.01962	1.08259	1.15853
.900	-2.478	.94547	.85059	.77995	.36242	1.01077	1.08215	1.15836
.900	-1.980	.95603	.86190	.79174	.37579	1.00189	1.08177	1.15820
.900	-1.475	.96751	.87389	.80430	.39001	.99319	1.08162	1.15864
.900	-.966	.97866	.88574	.81647	.40153	.98416	1.08073	1.15833
.900	-.448	.98946	.89745	.82886	.41803	.97501	1.07999	1.15822
.900	.048	.99899	.90852	.84061	.43141	.96629	1.07766	1.15826
.900	.481	1.00723	.91793	.85047	.44316	.95860	1.07653	1.15807
.900	.997	1.01703	.92913	.86205	.45744	.94877	1.07565	1.15786
GRADIENT		.02202	.02361	.02429	.02748	-.01755	-.00137	-.00027

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

MACH	ALPHA	CPC1	CPC2	CPC3	CPC4	CPC5	CPC6	CPO2
1.100	-7.006	.99209	.89516	.82683	.44030	1.21305	1.25439	1.08465
1.100	-6.492	1.00187	.90676	.83885	.45315	1.20570	1.25437	1.07424
1.100	-5.995	1.01152	.91790	.85036	.46519	1.19833	1.25363	1.06422
1.100	-5.492	1.02165	.92940	.86234	.47765	1.19073	1.25342	1.05417
1.100	-4.992	1.03207	.94073	.87446	.48974	1.18396	1.25351	1.04507
1.100	-4.488	1.04159	.95136	.88532	.50133	1.17578	1.25236	1.03470
1.100	-3.995	1.05202	.96295	.89704	.51322	1.16776	1.25168	1.02425
1.100	-3.496	1.06294	.97457	.90853	.52554	1.15974	1.25103	1.01385
1.100	-2.997	1.07395	.98595	.92014	.53805	1.15155	1.24985	1.00296
1.100	-2.488	1.08493	.99744	.93138	.55046	1.14375	1.24905	.99247
1.100	-1.996	1.09486	1.00772	.94213	.56282	1.13577	1.24778	.98178
1.100	-1.487	1.10531	1.01847	.95329	.57513	1.12776	1.24676	.97123
1.100	-.989	1.11548	1.02909	.96429	.58776	1.12015	1.24561	.96035
1.100	-.486	1.12454	1.03933	.97502	.60004	1.11199	1.24387	.94940
1.100	.001	1.13326	1.04937	.98550	.61202	1.10381	1.24278	.93809
1.100	.513	1.14229	1.05942	.99637	.62371	1.09542	1.23927	.92744
1.100	1.014	1.15161	1.06999	1.00740	.63570	1.08734	1.23754	.91600
GRADIENT		.02014	.02156	.02214	.02456	-.01602	-.00252	-.02147

PARAMETRIC DATA

BETA = .000 PHI = 180.000

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

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
1.250	-7.001	1.03074	1.06330	.96400	.89412	.50723	1.28825	1.26539	1.32614	1.15164	.84507
1.250	-6.485	1.04126	1.07350	.97600	.90641	.51996	1.28073	1.26663	1.32678	1.14118	.83257
1.250	-5.987	1.05024	1.08271	.98665	.91757	.53180	1.27173	1.26483	1.32452	1.13008	.81972
1.250	-5.488	1.06150	1.09429	.99924	.93088	.54506	1.26406	1.26597	1.32519	1.12115	.80849
1.250	-4.984	1.07032	1.10285	1.00984	.94166	.55615	1.25444	1.26632	1.32521	1.11039	.79559
1.250	-4.486	1.07887	1.11216	1.02034	.95240	.56754	1.24521	1.26601	1.32449	1.09991	.78345
1.250	-3.988	1.09039	1.12435	1.03297	.96493	.58066	1.23886	1.26644	1.32476	1.09069	.77254
1.250	-3.489	1.09928	1.13460	1.04329	.97537	.59191	1.22928	1.26600	1.32406	1.07892	.75949
1.250	-2.987	1.11040	1.14664	1.05549	.98713	.60489	1.22219	1.26566	1.32368	1.06899	.74840
1.250	-2.483	1.12042	1.15764	1.06668	.99875	.61757	1.21416	1.26581	1.32381	1.05840	.73672
1.250	-1.978	1.13016	1.16824	1.07756	1.01000	.62964	1.20652	1.26641	1.32449	1.04781	.72518
1.250	-1.478	1.13877	1.17819	1.08778	1.02032	.64132	1.19804	1.26663	1.32490	1.03602	.71256
1.250	-.980	1.14762	1.18826	1.09847	1.03135	.65350	1.18925	1.26422	1.32455	1.02497	.70043
1.249	-.462	1.15704	1.19820	1.10957	1.04315	.66615	1.18060	1.26456	1.32336	1.01365	.68765
1.250	.102	1.16616	1.20769	1.12082	1.05536	.68051	1.17022	1.26313	1.32269	1.00092	.67450
1.250	.502	1.17342	1.21411	1.12837	1.06331	.68880	1.16382	1.26069	1.32131	.99084	.66513
1.250	1.009	1.18374	1.22492	1.13985	1.07499	.70172	1.15630	1.26108	1.32225	.97983	.65386
GRADIENT		.02047	.02165	.02165	.02222	.02433	-.01640	-.00085	-.00049	-.02183	-.02375

RUN NO. 1538/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
1.400	-7.005	1.03772	1.08602	.97976	.90809	.51984	1.32224	1.30649	1.36006	1.17777	.86524
1.400	-6.490	1.04882	1.09719	.99299	.92136	.53236	1.31336	1.30732	1.35995	1.16662	.85261
1.400	-5.987	1.05787	1.10718	1.00433	.93299	.54359	1.30341	1.30812	1.36031	1.15499	.83969
1.400	-5.487	1.06711	1.11747	1.01618	.94468	.55505	1.29254	1.30781	1.35950	1.14288	.82651
1.400	-4.989	1.07811	1.12949	1.02914	.95739	.56745	1.28438	1.30830	1.35941	1.13303	.81518
1.400	-4.485	1.08848	1.14045	1.04029	.96877	.57891	1.27527	1.30936	1.36017	1.12199	.80315
1.400	-3.993	1.09851	1.15210	1.05171	.98024	.59063	1.26507	1.30798	1.35856	1.11062	.79055
1.400	-3.489	1.11032	1.16465	1.06427	.99292	.60338	1.25569	1.30825	1.35872	1.09973	.77800
1.400	-2.987	1.12052	1.17581	1.07562	1.00452	.61552	1.24491	1.30789	1.35820	1.08817	.76530
1.400	-2.484	1.13157	1.18749	1.08774	1.01668	.62795	1.23608	1.30880	1.35914	1.07680	.75281
1.400	-1.981	1.14041	1.19732	1.09789	1.02683	.63910	1.22579	1.30778	1.35820	1.06410	.73938
1.400	-1.483	1.15207	1.20997	1.11067	1.03985	.65243	1.21871	1.30826	1.35889	1.05357	.72784
1.399	-.979	1.16103	1.22024	1.12078	1.05011	.66359	1.20821	1.30728	1.35807	1.03991	.71350
1.400	-.468	1.17160	1.23221	1.13358	1.06292	.67719	1.19917	1.30636	1.35743	1.02835	.70141
1.400	.091	1.18250	1.24388	1.14740	1.07774	.69255	1.18850	1.30548	1.35735	1.01451	.68763
1.400	.501	1.19123	1.25207	1.15599	1.08673	.70219	1.18158	1.30414	1.35723	1.00485	.67900
1.400	1.006	1.19968	1.26074	1.16593	1.09702	.71412	1.17043	1.30332	1.35699	.99071	.66606
GRADIENT		.02042	.02220	.02303	.02346	.02460	-.01882	-.00080	-.00042	-.02363	-.02503

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(RCMO49) (03 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	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
1.450	-6.956	1.02454	1.08756	.98162	.91090	.52388	1.32169	1.32105	1.36880	1.17948	.87088
1.450	-6.487	1.03224	1.09640	.99199	.92166	.53338	1.31036	1.32116	1.36830	1.16806	.85828
1.450	-5.983	1.04217	1.10806	1.00483	.93447	.54540	1.29918	1.32122	1.36754	1.15697	.84612
1.450	-5.484	1.05175	1.11887	1.01681	.94632	.55684	1.28791	1.32191	1.36792	1.14475	.83300
1.450	-4.980	1.06260	1.13056	1.02914	.95840	.56881	1.27969	1.32202	1.36759	1.13424	.82173
1.450	-4.481	1.07156	1.14157	1.03988	.96877	.57969	1.26867	1.32201	1.36739	1.12197	.80801
1.451	-3.982	1.08377	1.15532	1.05332	.98196	.59322	1.25920	1.32252	1.36764	1.11220	.79689
1.450	-3.483	1.09434	1.16715	1.06528	.99356	.60544	1.24811	1.32274	1.36786	1.10098	.78390
1.450	-2.979	1.10407	1.17830	1.07644	1.00490	.61737	1.23561	1.32129	1.36544	1.08931	.77022
1.450	-2.475	1.11496	1.19015	1.08887	1.01761	.63061	1.22575	1.32150	1.36669	1.07804	.75881
1.449	-1.969	1.12385	1.19921	1.09818	1.02774	.64135	1.21461	1.32139	1.36680	1.06393	.74463
1.450	-1.466	1.13558	1.21097	1.10967	1.03960	.65423	1.20697	1.31981	1.36534	1.05094	.73202
1.450	-.954	1.14916	1.22625	1.12356	1.05329	.66845	1.19950	1.32128	1.36708	1.03931	.72001
1.449	-.423	1.15913	1.23789	1.13528	1.06456	.68035	1.18692	1.31981	1.36612	1.02459	.70550
1.450	-.081	1.16586	1.24310	1.14291	1.07327	.69133	1.18055	1.29403	1.35583	1.01766	.69589
1.450	.477	1.17872	1.25560	1.15610	1.08642	.70552	1.17105	1.29363	1.35550	1.00290	.68309
1.451	.445	1.17905	1.25567	1.15602	1.08629	.70545	1.17237	1.29247	1.35537	1.00447	.68472
1.450	.987	1.19052	1.26861	1.16947	1.09936	.71983	1.16064	1.29140	1.35465	.99076	.67200
1.450	.02147	.02296	.02331	.02331	.02359	.02525	-.01971	-.00538	-.00224	-.02423	-.02528

RUN NO. 1640/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
1.471	-6.954	.98706	1.06770	.96132	.89158	.50996	1.28984	1.26337	1.19534	1.15761	.85122
1.485	-6.486	.99499	1.07764	.97258	.90304	.52034	1.27919	1.26408	1.19521	1.14637	.83959
1.484	-5.987	1.00472	1.08886	.98434	.91447	.53113	1.26872	1.26432	1.19469	1.13390	.82648
1.471	-5.489	1.01634	1.10190	.99790	.92791	.54361	1.25855	1.26626	1.19609	1.12366	.81471
1.485	-4.985	1.02416	1.11198	1.00908	.93907	.55407	1.24449	1.26564	1.19492	1.11083	.80174
1.470	-4.486	1.03405	1.12288	1.02078	.95045	.56478	1.23321	1.26475	1.19353	1.09892	.78923
1.484	-3.982	1.04494	1.13525	1.03330	.96291	.57681	1.22234	1.26594	1.19424	1.08820	.77720
1.470	-3.489	1.05654	1.14791	1.04549	.97522	.58888	1.21238	1.26687	1.19475	1.07703	.76510
1.471	-2.980	1.06780	1.16009	1.05747	.98728	.60138	1.20104	1.26694	1.19466	1.06584	.75276
1.470	-2.476	1.07582	1.17025	1.06805	.99782	.61259	1.18804	1.26595	1.19342	1.05359	.73972
1.470	-1.976	1.08646	1.18108	1.07977	1.01002	.62506	1.17871	1.26639	1.19373	1.04249	.72771
1.485	-1.469	1.09557	1.19189	1.09080	1.02131	.63697	1.16803	1.26674	1.19397	1.03017	.71449
1.484	-.958	1.10558	1.20287	1.10182	1.03301	.64961	1.15744	1.26673	1.19399	1.01775	.70134
1.470	-.438	1.11657	1.21319	1.11294	1.04451	.66239	1.14689	1.26605	1.19342	1.00411	.68732
1.470	-.080	1.12608	1.22445	1.12446	1.05527	.67383	1.13774	1.26209	1.19159	.99568	.67877
1.470	.487	1.13705	1.23323	1.13535	1.06708	.68662	1.12709	1.26132	1.19100	.98128	.66486
1.470	.997	1.14948	1.24470	1.14814	1.08050	.70071	1.11856	1.26249	1.19228	.96966	.65405
1.470	.02061	.02217	.02217	.02302	.02345	.02449	-.02129	-.00058	-.00048	-.02367	-.02499

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(RCM049) (03 OCT 91)

PARAMETRIC DATA

BETA = .000 PHI = 180.000

RUN NO. 1591/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPC4	CPC5	CPC6	CPC7
1.492	-6.954	.92872	1.05981	.95278	.88459	.50871	1.24861	1.27866	1.14896
1.492	-6.486	.93383	1.07042	.96430	.89600	.51768	1.23389	1.27976	1.13787
1.492	-5.988	.93844	1.08221	.97699	.90847	.52818	1.21955	1.28072	1.12691
1.492	-5.484	.93893	1.09225	.98786	.91945	.53772	1.19920	1.28078	1.11362
1.492	-4.991	.94302	1.10324	.99998	.93161	.54890	1.18190	1.28088	1.10203
1.493	-4.487	.94746	1.11416	1.01192	.94338	.55994	1.16440	1.28065	1.09049
1.493	-3.989	.95400	1.12576	1.02409	.95540	.57151	1.14840	1.28124	1.07859
1.493	-3.484	.95821	1.13949	1.03694	.96814	.58408	1.12979	1.28180	1.06645
1.493	-2.986	.96026	1.15227	1.04880	.97985	.59619	1.10957	1.28158	1.05389
1.492	-2.477	.96247	1.16421	1.05981	.99115	.60782	1.09005	1.28062	1.04177
1.493	-1.978	.96869	1.17639	1.07183	1.00343	.62055	1.07390	1.28131	1.03090
1.492	-1.472	.97573	1.18655	1.08251	1.01438	.63240	1.05790	1.28074	1.01870
1.493	-.964	.97964	1.19676	1.09374	1.02585	.64507	1.03951	1.28059	1.00629
1.492	-.443	.98768	1.20636	1.10442	1.03714	.65803	1.02422	1.28016	.99307
1.492	-.090	.99685	1.21624	1.11241	1.04385	.66566	1.01160	1.27352	.98526
1.492	.492	1.01642	1.22776	1.12610	1.05782	.68060	1.00436	1.27338	.97216
1.493	.995	1.03034	1.23657	1.13731	1.06996	.69392	1.27329	1.27389	.95928
GRADIENT		.01301	.02254	.02278	.02295	.02422	-.03264	-.00133	-.02384

RUN NO. 1607/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPC4	CPC5	CPC6	CPC7
1.515	-7.006	.79209	1.06249	.95353	.88622	.51060	1.15671	1.29784	1.15569
1.514	-6.491	.78486	1.07398	.96533	.89824	.52244	1.12717	1.29879	1.14305
1.515	-5.987	.78268	1.08531	.97763	.91056	.53395	1.10174	1.30078	1.13201
1.515	-5.483	.78493	1.09593	.98894	.92214	.54474	1.07797	1.30222	1.12014
1.515	-4.990	.79048	1.10610	.99959	.93293	.55435	1.05673	1.30264	1.10851
1.514	-4.492	.79233	1.11712	1.01137	.94439	.56488	1.03383	1.30331	1.09725
1.515	-3.983	.79146	1.12847	1.02337	.95597	.57574	1.01041	1.29810	1.08503
1.515	-3.484	.78800	1.14349	1.03789	.97028	.58816	.98260	1.30013	1.07479
1.514	-2.986	.79153	1.15318	1.04685	.97896	.59708	.95728	1.29815	1.05844
1.515	-2.483	.80462	1.16897	1.06166	.99345	.61111	.94401	1.29732	1.04816
1.514	-1.978	.81133	1.18285	1.07362	1.00502	.62299	.92324	1.29866	1.03488
1.514	-1.471	.81802	1.19620	1.08524	1.01607	.63470	.90290	1.29991	1.02070
1.515	-.962	.83111	1.21036	1.09899	1.02992	.64838	.89137	1.30043	1.00878
1.514	-.448	.83872	1.22177	1.10970	1.04102	.66003	.87369	1.29835	.99316
1.515	-.095	.85643	1.22709	1.11674	1.04824	.66814	.86082	1.28540	.98621
1.515	.493	.86822	1.24133	1.13108	1.06177	.68206	.84832	1.28356	.97166
1.515	1.001	.87884	1.25229	1.14432	1.07467	.69510	.83654	1.28346	.95804
GRADIENT		.01557	.02504	.02411	.02366	.02364	-.03696	-.00287	-.02536

IA310 (AEDC 16TF-783) PROBE CALIBRATION (RCM049) (03 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	CPB	CPC1	CPC2	CPC3	CPC1	CPC2	CPC3	CPC1	CPU	CPC4	CPC5	CPC6	CPC2
1.542	-6.954	.62524	1.07421	.95112	.88417	.50779	.96136	1.29126	1.29126	1.15148	1.29999	1.15148	1.29999	.85112
1.542	-6.491	.63833	1.08246	.96073	.89372	.51916	.94435	1.29178	1.29178	1.14027	1.29996	1.14027	1.29996	.83916
1.542	-5.987	.65188	1.09050	.97206	.90546	.53227	.92723	1.29236	1.29236	1.12891	1.30000	1.12891	1.30000	.82702
1.542	-5.489	.66633	1.09337	.98138	.91542	.54341	.91165	1.29270	1.29270	1.11612	1.29994	1.11612	1.29994	.81370
1.541	-4.990	.68059	1.09547	.99103	.92600	.55399	.89848	1.29241	1.29241	1.10417	1.29923	1.10417	1.29923	.80124
1.541	-4.487	.69842	1.09369	1.00020	.93649	.56491	.88862	1.29278	1.29278	1.09219	1.29931	1.09219	1.29931	.78893
1.541	-3.983	.72229	1.08942	1.01010	.94819	.57683	.88412	1.29325	1.29325	1.08035	1.29945	1.08035	1.29945	.77696
1.542	-3.485	.76010	1.07264	1.01868	.95935	.58559	.89404	1.29345	1.29345	1.06826	1.29940	1.06826	1.29940	.76417
1.541	-2.982	.81648	1.05062	1.02847	.97175	.60027	.92659	1.29317	1.29317	1.05583	1.29876	1.05583	1.29876	.75069
1.541	-2.478	.85017	1.05302	1.04554	.98674	.61251	.94050	1.29370	1.29370	1.04382	1.29888	1.04382	1.29888	.73784
1.541	-1.978	.87500	1.06289	1.06276	1.00120	.62475	.94766	1.29399	1.29399	1.03260	1.29882	1.03260	1.29882	.72556
1.541	-1.472	.89625	1.07217	1.07868	1.01449	.63649	.95139	1.29451	1.29451	1.02035	1.29879	1.02035	1.29879	.71241
1.541	-.962	.91817	1.08479	1.09675	1.02917	.64948	.95569	1.29509	1.29509	1.00858	1.29896	1.00858	1.29896	.69930
1.541	-.441	.93606	1.10268	1.11372	1.04236	.66153	.95649	1.29490	1.29490	.99612	1.29866	.99612	1.29866	.68588
1.541	.142	.95692	1.13310	1.13249	1.05687	.67217	.95612	1.29392	1.29392	.98214	1.29847	.98214	1.29847	.67147
1.541	.478	.96755	1.16140	1.14574	1.06809	.68367	.95499	1.29152	1.29152	.97377	1.29880	.97377	1.29880	.66790
1.541	.996	.97451	1.20373	1.15778	1.07980	.69653	.94718	1.28999	1.28999	.96190	1.29855	.96190	1.29855	.65759
1.542	GRADIENT	.05282	.01457	.02923	.02633	.02375	.01281	-.00009	-.00009	-.02377	-.00014	-.02377	-.00014	-.02465

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

(RCM050) (03 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	CPB	CPC1	CPC2	CPC3	CPC4	CPC5	CPC6	CPO2
.599	-6.980	.66528	.69800	.59302	.51909	.10425	.96387	.82576	.49570
.600	-6.468	.67953	.71099	.60840	.53516	.11983	.95597	.81457	.48189
.600	-5.967	.69277	.72430	.62367	.55035	.13443	.94796	.80339	.46809
.600	-5.464	.70473	.73583	.63729	.56427	.14828	.93885	.79151	.45427
.600	-4.966	.71884	.75001	.65261	.57966	.16355	.93267	.78217	.44253
.600	-4.462	.72981	.76367	.66503	.59259	.17782	.92254	.76944	.42823
.600	-3.951	.74023	.77474	.67724	.60526	.19072	.91196	.75643	.41317
.600	-3.448	.75397	.78943	.69204	.62024	.20570	.90465	.74587	.40024
.601	-2.937	.76557	.80212	.70488	.63355	.22104	.89387	.73251	.38570
.600	-2.431	.77711	.81394	.71756	.64651	.23447	.88406	.72004	.37072
.600	-1.912	.79096	.82791	.73230	.66139	.24991	.87595	.70916	.35660
.601	-1.392	.80163	.83785	.74413	.67386	.26505	.86519	.69598	.34253
.601	-.855	.81086	.84726	.75564	.68558	.27911	.85152	.68008	.32507
.600	-.299	.82439	.86109	.77108	.70137	.29564	.84388	.66700	.31016
.600	.254	.83547	.87321	.78447	.71552	.31121	.83369	.65302	.29668
.600	.670	.84260	.88049	.79298	.72444	.32216	.82551	.64160	.28599
.600	1.102	.85135	.88920	.80283	.73495	.33447	.81710	.62925	.27437
	GRADIENT	.02210	.02291	.02497	.02573	.02829	-.01900	-.02497	-.02786

RUN NO. 1466/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPC4	CPC5	CPC6	CPO2
.800	-6.986	.75075	.78168	.67428	.60007	.16717	1.03607	.89764	.56106
.800	-6.478	.76300	.79409	.68892	.61523	.18224	1.02789	.88634	.54714
.800	-5.974	.77399	.80523	.70186	.62873	.19586	1.01883	.87442	.53333
.800	-5.470	.78697	.81796	.71646	.64340	.21118	1.01158	.86407	.52027
.800	-4.971	.79817	.82912	.72916	.65616	.22481	1.00329	.85270	.50645
.800	-4.471	.80934	.84287	.74167	.66902	.23888	1.00359	.84124	.49276
.800	-3.969	.82078	.85427	.75498	.68262	.25370	1.00402	.83053	.47946
.800	-3.461	.83206	.86769	.76794	.69547	.26842	1.00428	.81845	.46505
.800	-2.954	.84335	.87994	.78092	.70865	.28320	1.00422	.80626	.45050
.800	-2.449	.85450	.89168	.79333	.72155	.29743	1.00421	.79394	.43567
.800	-1.938	.86493	.90299	.80544	.73429	.31266	1.00403	.78212	.42201
.800	-1.424	.87602	.91423	.81761	.74674	.32580	1.00332	.76945	.40660
.800	-.900	.88745	.92524	.83050	.76015	.34100	1.00332	.75625	.39181
.800	-.362	.89828	.93707	.84362	.77441	.35733	1.00264	.74319	.37780
.800	.178	.90821	.94821	.85601	.78734	.37322	1.00148	.72874	.36255
.800	.628	.91736	.95789	.86700	.79889	.38567	1.00062	.71757	.35141
.800	1.084	.92596	.96660	.87691	.80914	.39880	.99940	.70516	.33858
	GRADIENT	.02117	.02259	.02443	.02532	.02870	-.00060	-.02435	-.02790

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(RCM050) (03 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	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
.900	-6.987	.81134	.84144	.73713	.66416	.23816	1.08512	1.07059	1.15602	.94838	.61699
.900	-6.472	.82285	.85326	.75120	.67851	.25289	1.07698	1.07101	1.15599	.93737	.60412
.900	-5.967	.83401	.86433	.76429	.69167	.26658	1.06882	1.07146	1.15599	.92645	.59079
.900	-5.466	.84523	.87555	.77702	.70505	.28054	1.06037	1.07187	1.15610	.91539	.57726
.900	-4.970	.85641	.88655	.78960	.71771	.29365	1.05259	1.07255	1.15657	.90492	.56450
.900	-4.463	.86700	.90002	.80168	.73007	.30697	1.04468	1.07324	1.15716	.89477	.55158
.900	-3.959	.87755	.91042	.81394	.74262	.32055	1.03574	1.07284	1.15669	.88320	.53767
.900	-3.459	.88815	.92313	.82608	.75520	.33463	1.02660	1.07231	1.15620	.87154	.52392
.900	-2.950	.89847	.93480	.83836	.76720	.34806	1.01756	1.07154	1.15559	.85944	.50944
.900	-2.443	.90911	.94625	.85054	.77981	.36269	1.00834	1.06831	1.15244	.84789	.49584
.900	-1.934	.91966	.95741	.86234	.79204	.37670	.99971	1.06727	1.15157	.83640	.48243
.900	-1.413	.93077	.96856	.87473	.80494	.39121	.99113	1.06771	1.15234	.82469	.46870
.900	-.887	.94141	.97911	.88697	.81770	.40599	.98164	1.06855	1.15376	.81214	.45417
.900	-.348	.95109	.98969	.89867	.83041	.42032	.97219	1.06722	1.15300	.79863	.43953
.900	.191	.96205	1.00205	.91215	.84439	.43601	.96354	1.06799	1.15493	.78606	.42636
.900	.635	.96932	1.01000	.92141	.85411	.44761	.95461	1.06660	1.15444	.77400	.41429
.900	1.081	.97724	1.01802	.93058	.86357	.45935	.94606	1.06510	1.15387	.76236	.40172
.900	GRADIENT	.02015	.02170	.02344	.02427	.02757	-.01755	-.00128	-.00054	-.02352	-.02691

RUN NO. 1485/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
1.100	-7.003	.96342	.99167	.89507	.82670	.44032	1.21194	1.23065	1.28608	1.08450	.78226
1.100	-6.483	.97342	1.00152	.90709	.83928	.45320	1.20436	1.23064	1.28598	1.07396	.76947
1.100	-5.988	.98375	1.01183	.91921	.85150	.46534	1.19747	1.23089	1.28617	1.06425	.75749
1.100	-5.481	.99345	1.02170	.93068	.86303	.47734	1.18950	1.23037	1.28572	1.05396	.74502
1.100	-4.986	1.00376	1.03229	.94210	.87513	.48978	1.18282	1.23055	1.28598	1.04496	.73350
1.100	-4.483	1.01307	1.04298	.95302	.88591	.50143	1.17466	1.22979	1.28539	1.03474	.72146
1.100	-3.989	1.02255	1.05300	.96377	.89702	.51291	1.16653	1.22913	1.28502	1.02431	.70914
1.100	-3.481	1.03253	1.06479	.97512	.90865	.52544	1.15863	1.22891	1.28507	1.01415	.69677
1.100	-2.976	1.04246	1.07582	.98640	.92031	.53815	1.15070	1.22800	1.28461	1.00352	.68410
1.100	-2.479	1.05193	1.08628	.99745	.93114	.55066	1.14253	1.22724	1.28435	.99294	.67219
1.100	-1.976	1.06162	1.09623	1.00837	.94258	.56323	1.13499	1.22697	1.28453	.98253	.66006
1.100	-1.464	1.07011	1.10483	1.01831	.95297	.57517	1.12656	1.22563	1.28378	.97129	.64714
1.100	-.968	1.07933	1.11425	1.02890	.96403	.58787	1.11850	1.22479	1.28363	.96048	.63490
1.100	-.460	1.08760	1.12371	1.03911	.97474	.60024	1.11041	1.22347	1.28310	.94913	.62218
1.100	.051	1.09645	1.13399	1.05040	.98664	.61362	1.10235	1.22169	1.28291	.93870	.61111
1.100	.536	1.10469	1.14273	1.06030	.99739	.62931	1.09366	1.22011	1.28263	.92725	.59923
1.100	1.029	1.11224	1.15065	1.06932	1.00681	.63664	1.08561	1.21892	1.28228	.91599	.58775
1.100	GRADIENT	.01817	.01974	.02126	.02202	.02462	-.01608	-.00188	-.00058	-.02140	-.02433

(RCM050) (03 OCT 91)

IA310 (AEDC 16TF-783) PROBE CALIBRATION

PARAMETRIC DATA

BETA = .500 PHI = 180.000

RUN NO. 1523/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
1.250	-6.991	1.03087	1.06303	.96432	.89459	.50763	1.28732	1.25900	1.32196	1.15202	.84475
1.250	-6.474	1.04038	1.07319	.97657	.90672	.52001	1.27883	1.25782	1.32007	1.14087	.83193
1.250	-5.978	1.05119	1.08380	.98884	.91901	.53247	1.27180	1.25842	1.32024	1.13100	.81973
1.250	-5.471	1.06143	1.09448	1.00054	.93125	.54514	1.26304	1.25988	1.32125	1.12100	.80746
1.250	-4.973	1.07016	1.10374	1.01091	.94170	.55627	1.25303	1.25963	1.32060	1.11010	.79494
1.250	-4.471	1.08020	1.11576	1.02237	.95346	.56831	1.24572	1.25934	1.31996	1.10125	.78397
1.250	-3.966	1.09025	1.12652	1.03342	.96491	.58085	1.23750	1.25993	1.32030	1.09082	.77170
1.250	-3.462	1.10000	1.13758	1.04463	.97632	.59300	1.22907	1.25982	1.31994	1.08018	.75960
1.250	-2.958	1.10993	1.14836	1.05591	.98737	.60543	1.22049	1.25944	1.31946	1.06931	.74737
1.250	-2.451	1.11959	1.15876	1.06685	.99865	.61773	1.21212	1.25912	1.31902	1.05834	.73506
1.250	-1.948	1.12942	1.16848	1.07774	1.00998	.62996	1.20453	1.25906	1.31912	1.04771	.72322
1.250	-1.431	1.13854	1.17746	1.08804	1.02059	.64225	1.19612	1.25837	1.31838	1.03592	.71070
1.250	-.916	1.14844	1.18818	1.09955	1.03250	.65527	1.18800	1.25847	1.31876	1.02459	.69849
1.250	-.390	1.15766	1.19878	1.11064	1.04445	.66834	1.17899	1.25800	1.31861	1.01302	.68601
1.250	.145	1.16674	1.20836	1.12156	1.05608	.68157	1.16958	1.25670	1.31790	1.00090	.67386
1.250	.609	1.17606	1.21722	1.13168	1.06677	.69312	1.16252	1.25632	1.31807	.99072	.66419
1.250	1.071	1.18384	1.22546	1.14074	1.07606	.70352	1.15426	1.25578	1.31822	.97922	.65304
GRADIENT		.01878	.01998	.02147	.02222	.02446	-.01635	-.00064	-.00043	-.02176	-.02364

RUN NO. 1539/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
1.400	-6.992	1.03857	1.08701	.98201	.90967	.52055	1.32237	1.30070	1.35631	1.17841	.86536
1.400	-6.480	1.04823	1.09729	.99438	.92168	.53207	1.31144	1.30021	1.35490	1.16604	.85137
1.400	-5.979	1.05843	1.10850	1.00662	.93403	.54395	1.30254	1.30149	1.35564	1.15524	.83919
1.400	-5.471	1.06801	1.12077	1.01850	.94582	.55599	1.29232	1.30186	1.35558	1.14370	.82663
1.400	-4.975	1.07750	1.13202	1.02952	.95691	.56685	1.28276	1.30083	1.35406	1.13257	.81408
1.400	-4.472	1.08834	1.14442	1.04131	.96914	.57928	1.27388	1.30196	1.35482	1.12208	.80236
1.400	-3.973	1.09837	1.15562	1.05261	.98058	.59097	1.26371	1.30136	1.35398	1.11062	.78953
1.400	-3.464	1.10974	1.16743	1.06458	.99279	.60326	1.25412	1.30146	1.35395	1.09957	.77673
1.400	-2.966	1.11995	1.17803	1.07624	1.00473	.61575	1.24336	1.30148	1.35386	1.08786	.76375
1.400	-2.460	1.13033	1.18845	1.08803	1.01662	.62777	1.23377	1.30072	1.35304	1.07603	.75065
1.399	-1.949	1.14056	1.19835	1.09928	1.02798	.63991	1.22476	1.30151	1.35388	1.06437	.73779
1.400	-1.439	1.15099	1.20911	1.11067	1.03994	.65281	1.21597	1.30004	1.35248	1.05257	.72518
1.400	-.921	1.16202	1.22079	1.12456	1.05197	.66555	1.20718	1.30048	1.35313	1.03978	.71183
1.399	-.399	1.17102	1.23200	1.13456	1.06420	.67845	1.19606	1.29955	1.35256	1.02646	.69845
1.400	.130	1.18198	1.24388	1.14754	1.07793	.69285	1.18677	1.29946	1.35313	1.01339	.68645
1.400	.600	1.19202	1.25378	1.15854	1.08942	.70516	1.17858	1.29827	1.35265	1.00176	.67641
1.400	1.059	1.20014	1.26208	1.16763	1.09890	.71609	1.16908	1.29734	1.35223	.98978	.66552
GRADIENT		.02034	.02146	.02297	.02357	.02474	-.01875	-.00060	-.00034	-.02369	-.02490

(RCM050) (03 OCT 91)

IA310 (AEDC 16TF-783) PROBE CALIBRATION

PARAMETRIC DATA

BETA = .500 PHI = 180.000

RUN NO. 1557/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPC01	CPU	CPC4	CPC5	CPC6	CP02
1.450	-6.981	1.02215	1.08661	.98112	.90946	.52244	1.32057	1.28862	1.35305	1.17970	.87098
1.450	-6.463	1.03211	1.09856	.99373	.92377	.53395	1.30954	1.28914	1.35274	1.16809	.85798
1.450	-5.961	1.04071	1.10955	1.00481	.93346	.54469	1.29696	1.28852	1.35142	1.15602	.84451
1.450	-5.458	1.05237	1.12373	1.01876	.94733	.55783	1.28753	1.29093	1.35317	1.14573	.83314
1.450	-4.955	1.06187	1.13441	1.02971	.95818	.56904	1.27791	1.29148	1.35329	1.13412	.82069
1.450	-4.450	1.07125	1.14577	1.04061	.96900	.58046	1.26715	1.29062	1.35198	1.12234	.80731
1.450	-3.950	1.08281	1.15860	1.05334	.98136	.59349	1.25732	1.29052	1.35150	1.11199	.79566
1.450	-3.448	1.09348	1.17014	1.06541	.99339	.60568	1.24657	1.29080	1.35148	1.10084	.78244
1.450	-2.937	1.10474	1.18151	1.07823	1.00645	.61896	1.23514	1.29210	1.35260	1.09012	.76971
1.450	-2.426	1.11341	1.19068	1.08905	1.01748	.63074	1.22296	1.29080	1.35104	1.07728	.75582
1.450	-1.907	1.12454	1.20089	1.10036	.64375	.64375	1.21339	1.29102	1.35112	1.06516	.74350
1.450	-1.390	1.13550	1.21167	1.11125	1.04132	.65664	1.20439	1.29076	1.35080	1.05130	.73005
1.450	-.856	1.14914	1.22535	1.12419	1.05399	.67033	1.19634	1.29161	1.35171	1.03748	.71720
1.450	-.307	1.16090	1.23891	1.13840	1.06819	.68414	1.18538	1.29034	1.35054	1.02324	.70367
1.449	.240	1.17216	1.24981	1.15055	1.08082	.69746	1.17423	1.29030	1.35082	1.01082	.68908
1.450	.659	1.18224	1.25941	1.16066	1.09071	.70944	1.16644	1.28869	1.34958	1.00037	.67888
1.449	1.098	1.19072	1.26887	1.17026	1.10039	.72024	1.15657	1.28907	1.35036	.98771	.66771
GRADIENT		.02144	.02204	.02322	.02363	.02501	-.01977	-.00029	-.00040	-.02421	-.02524

RUN NO. 1642/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPC01	CPU	CPC4	CPC5	CPC6	CP02
1.470	-6.982	.98656	1.06882	.96292	.89198	.50964	1.29146	1.34045	1.35425	1.16093	.85338
1.471	-6.469	.99528	1.08025	.97485	.90400	.52090	1.27887	1.34221	1.35578	1.14712	.83934
1.471	-5.968	1.00441	1.09231	.98651	.91523	.53161	1.26782	1.33978	1.35327	1.13492	.82632
1.470	-5.465	1.01529	1.10527	.99893	.92748	.54332	1.25694	1.34019	1.35368	1.12321	.81327
1.470	-4.967	1.02578	1.11761	1.01151	.93996	.55520	1.24562	1.34062	1.35421	1.11305	.80252
1.471	-4.458	1.03514	1.12904	1.02315	.95179	.56654	1.23375	1.33932	1.35309	1.10127	.79006
1.470	-3.957	1.04463	1.13963	1.03374	.96262	.57755	1.22164	1.33886	1.35287	1.08854	.77636
1.470	-3.451	1.05489	1.15079	1.04501	.97419	.58915	1.20987	1.33759	1.35190	1.07665	.76335
1.470	-2.941	1.06692	1.16316	1.05807	.98722	.60238	1.19954	1.33724	1.35198	1.06599	.75107
1.470	-2.436	1.07687	1.17348	1.06998	.99901	.61458	1.18772	1.33765	1.35291	1.05459	.73828
1.470	-1.920	1.08613	1.18249	1.08097	1.01068	.62701	1.17677	1.33598	1.35182	1.04238	.72515
1.470	-1.399	1.09595	1.19239	1.09171	1.02182	.63938	1.16614	1.33551	1.35185	1.02968	.71155
1.470	-.872	1.10610	1.20292	1.10284	1.03387	.65297	1.15437	1.33408	1.35117	1.01561	.69772
1.470	-.328	1.11791	1.21500	1.11592	1.04771	.66812	1.14301	1.33227	1.35034	1.00248	.68564
1.470	.219	1.13097	1.22694	1.12883	1.06102	.68209	1.13256	1.33110	1.35020	.98952	.67166
1.470	.650	1.14021	1.23568	1.13932	1.07203	.69365	1.12358	1.32933	1.35062	.97905	.66159
1.470	1.096	1.15016	1.24455	1.14868	1.08184	.70423	1.11543	1.32876	1.35066	.96769	.65164
GRADIENT		.02043	.02077	.02263	.02343	.02480	-.02148	-.00189	-.00056	-.02391	-.02504

(RCM050) (03 OCT 91)

IA310 (AEDC 16TF-783) PROBE CALIBRATION

PARAMETRIC DATA

BETA = .500 PHI = 180.000

RUN NO. 1592/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
1.492	-6.987	.92897	1.05986	.95363	.88474	.50835	1.24995	1.26911	1.34805	1.15054	.84553
1.493	-6.470	.93463	1.07208	.96646	.89732	.51815	1.23323	1.26965	1.34770	1.13809	.83223
1.493	-5.968	.93949	1.08448	.97923	.90957	.52846	1.21893	1.27023	1.34744	1.12675	.81958
1.492	-5.466	.94175	1.09690	.99158	.92151	.53892	1.20016	1.27027	1.34678	1.11463	.80699
1.492	-4.964	.94540	1.10903	1.00400	.93380	.55017	1.18272	1.27124	1.34726	1.10351	.79572
1.493	-4.460	.94872	1.12037	1.01513	.94476	.56072	1.16399	1.27172	1.34732	1.09110	.78294
1.492	-3.960	.95395	1.13178	1.02607	.95596	.57181	1.14655	1.27181	1.34691	1.07858	.77018
1.493	-3.453	.95944	1.14555	1.03864	.96883	.58510	1.12912	1.27236	1.34721	1.06696	.75827
1.492	-2.949	.96183	1.15709	1.04977	.98013	.59672	1.10924	1.27087	1.34548	1.05419	.74483
1.492	-2.440	.96553	1.16762	1.06128	.99206	.60900	1.09035	1.27066	1.34506	1.04195	.73189
1.493	-1.925	.97262	1.17830	1.07329	1.00462	.62218	1.07484	1.27056	1.34495	1.03109	.71988
1.492	-1.405	.98378	1.18733	1.08366	1.01536	.63393	1.05522	1.26944	1.34391	1.01811	.70598
1.493	-.882	.99291	1.20770	1.10586	1.02664	.64693	1.03899	1.26883	1.34342	1.00493	.69271
1.493	-.341	1.00689	1.21995	1.11857	1.03809	.66092	1.02297	1.26812	1.34292	.99103	.67956
1.493	.206	1.01990	1.23298	1.13049	1.05049	.67511	1.00946	1.26678	1.34209	.97769	.66855
1.492	.634	1.03528	1.24811	1.14352	1.06089	.68510	1.00113	1.26540	1.34124	.96834	.65914
1.493	1.089	.01355	.02105	.02220	1.07253	.69723	.99606	1.26593	1.34192	.94951	.64951
GRADIENT					.02275	.02442	-.03204	-.00109	-.00108	-.02410	-.02442

RUN NO. 1608/ O RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
1.515	-6.987	.79380	1.06324	.95553	.88776	.51047	1.15674	1.28259	1.33692	1.15529	.85260
1.515	-6.470	.78601	1.07498	.96761	.89982	.52262	1.12674	1.28047	1.33394	1.14223	.83841
1.515	-5.968	.78462	1.08666	.97998	.91199	.53387	1.10211	1.27923	1.33195	1.13083	.82575
1.516	-5.466	.78937	1.10024	.99371	.92540	.54574	1.08015	1.28049	1.33210	1.12080	.81386
1.515	-4.968	.79401	1.11109	1.00487	.93631	.55538	1.05907	1.28418	1.33549	1.10962	.80080
1.515	-4.465	.79355	1.12233	1.01590	.94703	.56510	1.03522	1.28658	1.33765	1.09776	.78765
1.515	-3.955	.79142	1.13539	1.02831	.95911	.57680	1.01117	1.28892	1.33983	1.08663	.77523
1.516	-3.454	.79004	1.14774	1.03914	.97013	.58746	.98351	1.28518	1.33552	1.07354	.76148
1.514	-2.949	.79302	1.16011	1.05027	.98110	.59837	.95823	1.28350	1.33374	1.05960	.74718
1.516	-2.440	.80571	1.17515	1.06351	.99446	.61230	.94378	1.28330	1.33545	1.04834	.73532
1.515	-1.930	.81289	1.18734	1.07464	1.00569	.62419	.92383	1.28545	1.33556	1.03470	.72157
1.516	-1.407	.81912	1.20016	1.08692	1.01781	.63685	.90251	1.28488	1.33511	1.02134	.70818
1.516	-.878	.82687	1.21281	1.10024	1.03119	.65026	.88150	1.28209	1.33237	1.00775	.69513
1.516	-.340	.84133	1.22495	1.11380	1.04497	.66489	.86707	1.28015	1.33059	.99411	.68243
1.515	.205	.85819	1.23857	1.12869	1.05937	.67937	.85170	1.28392	1.33493	.97934	.67133
1.516	.644	.86957	1.24635	1.13807	1.06898	.68962	.84016	1.28647	1.33813	.96684	.66317
1.516	1.094	.88130	1.25293	1.14718	1.07794	.69988	.83258	1.28447	1.33649	.95460	.65234
GRADIENT			.02414	.02379	.02374	.02429	-.03779	-.00040	-.00032	-.02560	-.02468

(RCM050) (03 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	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CP02
1.542	-6.986	.62456	1.07237	.95308	.88638	.50820	.96332	1.28682	1.29855	1.15335	.85244
1.541	-6.469	.63925	1.08071	.96303	.89633	.52021	.94366	1.28731	1.29817	1.13994	.83847
1.542	-5.968	.65272	1.08890	.97486	.90850	.53357	.92656	1.28814	1.29837	1.12842	.82624
1.541	-5.466	.66599	1.09194	.98443	.91857	.54398	.91051	1.28801	1.29760	1.11558	.81271
1.541	-4.968	.68176	1.09495	.99527	.93025	.55550	.89783	1.28808	1.29716	1.10425	.80047
1.542	-4.465	.69935	1.09379	1.00589	.94175	.56629	.88787	1.28826	1.29693	1.09245	.78826
1.542	-3.954	.72163	1.08992	1.01687	.95406	.57782	.88300	1.28840	1.29671	1.08033	.77575
1.541	-3.453	.75588	1.07565	1.02682	.96569	.58887	.89051	1.28731	1.29524	1.06743	.76212
1.541	-2.950	.81195	1.05129	1.03614	.97731	.60040	.92178	1.28717	1.29475	1.05498	.74860
1.541	-2.440	.84775	1.05452	1.05069	.99041	.61258	.93639	1.28694	1.29408	1.04346	.73568
1.542	-1.925	.87128	1.06377	1.06651	1.00334	.62424	.94260	1.28733	1.29392	1.03118	.72212
1.542	-1.412	.89460	1.07662	1.08299	1.01696	.63641	.94736	1.28733	1.29344	1.01957	.70893
1.541	-.882	.91455	1.09030	1.09979	1.03014	.64798	.94905	1.28592	1.29259	1.00593	.69476
1.542	-.339	.93322	1.11373	1.11760	1.04434	.66025	.94899	1.28682	1.29238	.99343	.68240
1.542	.206	.95281	1.14951	1.13559	1.05915	.67456	.94918	1.28568	1.29208	.97943	.67256
1.541	.642	.96303	1.18072	1.14907	1.07113	.68673	.94543	1.28372	1.29156	.96790	.66463
1.542	1.094	.96995	1.22352	1.15959	1.08198	.69883	.93892	1.28234	1.29176	.95819	.65580
	GRADIENT	.05113	.01779	.02805	.02521	.02345	.01120	-.00074	-.00098	-.02414	-.02443

(RCM051) (03 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	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
.600	-6.960	.66525	.69744	.59474	.52131	.10669	.96204	.90814	.89428	.82700	.49536
.600	-6.452	.67763	.71026	.60895	.53525	.11990	.95336	.90978	.89451	.81454	.48021
.600	-5.945	.69102	.72397	.62354	.54989	.13472	.94539	.91197	.89588	.80370	.46698
.600	-5.440	.70291	.73700	.63691	.56362	.14838	.93632	.91164	.89476	.79178	.45322
.600	-4.938	.71494	.75134	.65049	.57757	.16214	.92770	.91304	.89565	.78018	.43892
.600	-4.428	.72699	.76426	.66291	.59062	.17608	.91903	.91348	.89556	.76865	.42518
.600	-3.920	.73813	.77566	.67602	.60416	.19011	.90850	.91279	.89457	.75637	.41111
.601	-3.411	.74983	.78768	.68954	.61762	.20463	.89845	.91239	.89372	.74369	.39609
.600	-2.900	.76237	.79910	.70304	.63170	.21916	.88956	.91452	.89568	.73135	.38118
.601	-2.382	.77601	.81297	.71775	.64711	.23666	.88097	.91380	.89497	.72020	.36889
.600	-1.863	.78722	.82456	.73002	.65945	.25024	.87009	.91382	.89498	.70674	.35281
.601	-1.330	.79900	.83597	.74328	.67315	.26595	.86019	.91284	.89414	.69423	.33904
.600	-.798	.81104	.84809	.75693	.68693	.28040	.85026	.91446	.89607	.68068	.32367
.601	-.265	.82218	.85995	.77013	.70076	.29653	.83978	.91267	.89480	.66653	.30949
.601	.227	.83174	.87002	.78168	.71292	.31023	.83041	.91147	.89416	.65387	.29696
.601	.704	.84171	.88022	.79353	.72500	.32371	.82262	.91156	.89487	.64109	.28428
.601	1.185	.85199	.89044	.80492	.73677	.33714	.81356	.91142	.89534	.62803	.27162
.600	GRADIENT	.02250	.02274	.02538	.02613	.02878	-.01873	-.00026	-.00004	-.02476	-.02743

RUN NO. 1467/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
.799	-6.976	.74847	.77984	.67374	.59961	.16598	1.03371	.99453	1.05344	.89713	.55941
.800	-6.457	.76113	.79308	.68875	.61437	.18113	1.02575	.99561	1.05340	.88609	.54569
.800	-5.959	.77305	.80570	.70193	.62851	.19608	1.01711	.99653	1.05372	.87496	.53264
.800	-5.453	.78511	.81892	.71558	.64225	.21044	1.00902	.99739	1.05392	.86382	.51873
.800	-4.956	.79611	.83236	.72781	.65498	.22423	.99995	.99779	1.05382	.85230	.50477
.800	-4.451	.80802	.84454	.74104	.66802	.23927	.99184	.99831	1.05374	.84158	.49179
.800	-3.942	.81862	.85506	.75329	.68090	.25272	.98258	.99828	1.05346	.82992	.47714
.800	-3.439	.83003	.86653	.76656	.69415	.26781	.97351	.99864	1.05363	.81831	.46285
.800	-2.925	.84198	.87989	.78042	.70831	.28314	.96485	.99893	1.05376	.80649	.44830
.800	-2.415	.85362	.89139	.79316	.72157	.29841	.95573	.99866	1.05372	.79447	.43430
.800	-1.900	.86359	.90174	.80482	.73356	.31201	.94525	.99794	1.05282	.78149	.41895
.800	-1.383	.87482	.91345	.81747	.74677	.32668	.93624	.99828	1.05337	.76918	.40466
.800	-.857	.88607	.92544	.83062	.76046	.34247	.92719	.99825	1.05353	.75657	.39110
.800	-.339	.89661	.93657	.84301	.77400	.35842	.91729	.99725	1.05311	.74354	.37773
.800	.151	.90625	.94676	.85511	.78655	.37251	.90825	.99625	1.05267	.73107	.36473
.799	.636	.91525	.95648	.86596	.79793	.38500	.89854	.99519	1.05223	.71728	.35003
.800	1.136	.92511	.96613	.87715	.80941	.39971	.88941	.99466	1.05249	.70388	.33627
.800	GRADIENT	.02122	.02211	.02459	.02551	.02887	-.01821	-.00052	-.00023	-.02431	-.02767

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(RCM051) (03 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	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
.900	-6.972	.80921	.83971	.73690	.66374	.23794	1.08245	1.05945	1.14993	.94777	.61575
.900	-6.451	.82282	.85379	.75246	.67910	.25371	1.07657	1.06184	1.15185	.93875	.60439
.900	-5.951	.83224	.86418	.76379	.69077	.26654	1.06628	1.06834	1.15722	.92626	.58964
.900	-5.448	.84365	.87685	.77634	.70418	.28046	1.05807	1.06649	1.15508	.91547	.57630
.900	-4.948	.85356	.88956	.78803	.71601	.29316	1.04899	1.06384	1.15216	.90404	.56248
.900	-4.442	.86535	.90131	.80066	.72862	.30678	1.04188	1.06089	1.14897	.89455	.55008
.900	-3.937	.87761	.91321	.81445	.74295	.32144	1.03474	1.06604	1.15405	.88460	.53704
.900	-3.426	.88790	.92391	.82641	.75551	.33536	1.02545	1.06976	1.15793	.87286	.52319
.900	-2.918	.89695	.93463	.83772	.76660	.34848	1.01481	1.06741	1.15567	.85971	.50782
.900	-2.406	.90790	.94591	.85015	.77956	.36331	1.00606	1.06422	1.15247	.84826	.49429
.900	-1.893	.91716	.95552	.86110	.79106	.37660	.99541	1.06065	1.14913	.83533	.47944
.900	-1.371	.92951	.96813	.87452	.80484	.39202	.98841	1.05906	1.14783	.82464	.46595
.900	-.845	.93975	.97885	.88638	.81726	.40618	.97957	1.06052	1.14979	.81196	.45256
.900	-.325	.95004	.98986	.89869	.83013	.42052	.97032	1.06211	1.15194	.79921	.43897
.900	.165	.95849	.99891	.90943	.84167	.43383	.96099	1.06195	1.15241	.78665	.42624
.900	.650	.96843	1.00938	.92112	.85391	.44815	.95279	1.06133	1.15243	.77499	.41423
.900	1.140	.97755	1.01877	.93191	.86499	.46144	.94388	1.06084	1.15272	.76205	.40023
	GRADIENT	.02021	.02118	.02352	.02439	.02762	-.01749	-.00080	-.00022	-.02349	-.02677

RUN NO. 1486/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
1.100	-6.998	.96248	.99022	.89506	.82668	.44003	1.21058	1.21367	1.28076	1.08451	.78125
1.100	-6.483	.97285	1.00121	.90771	.83927	.45301	1.20323	1.21383	1.28049	1.07453	.76895
1.100	-5.978	.98251	1.01138	.91909	.85074	.46502	1.19552	1.21349	1.27951	1.06416	.75634
1.100	-5.476	.99273	1.02228	.93066	.86261	.47734	1.18813	1.21339	1.27923	1.05429	.74432
1.100	-4.980	1.00192	1.03445	.94086	.87347	.48884	1.18020	1.21322	1.27903	1.04421	.73174
1.100	-4.480	1.01191	1.04467	.95200	.88473	.50103	1.17293	1.21321	1.27911	1.03484	.72042
1.100	-3.977	1.02162	1.05416	.96331	.89650	.51278	1.16514	1.21310	1.27903	1.02490	.70834
1.100	-3.470	1.03132	1.06523	.97439	.90794	.52528	1.15719	1.21228	1.27843	1.01483	.69600
1.100	-2.971	1.04111	1.07590	.98566	.91953	.53792	1.14918	1.21208	1.27837	1.00435	.68363
1.100	-2.467	1.05027	1.08537	.99647	.93033	.55020	1.14033	1.21080	1.27747	.99306	.67063
1.100	-1.967	1.05947	1.09495	1.00709	.94134	.56252	1.13254	1.21053	1.27765	.98252	.65865
1.100	-1.466	1.06858	1.10451	1.01759	.95229	.57509	1.12468	1.20991	1.27758	.97203	.64646
1.100	-.954	1.07741	1.11383	1.02780	.96295	.58743	1.11685	1.20915	1.27735	.96128	.63457
1.100	-.467	1.08600	1.12322	1.03838	.97410	.59987	1.10917	1.20829	1.27716	.95058	.62282
1.100	.024	1.09407	1.13176	1.04858	.98481	.61206	1.10066	1.20673	1.27630	.93942	.61122
1.100	.526	1.10258	1.14083	1.05889	.99613	.62454	1.09223	1.20598	1.27644	.92822	.59962
1.100	1.034	1.11099	1.14968	1.06901	1.00658	.63703	1.08363	1.20511	1.27632	.91612	.58698
	GRADIENT	.01813	.01921	.02130	.02212	.02470	-.01607	-.00141	-.00051	-.02132	-.02416

(RCM051) (03 OCT 91)

IA310 (AEDC 16TF-783) PROBE CALIBRATION

PARAMETRIC DATA

BETA = 1.000 PHI = 180.000

RUN NO. 1524/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
1.250	-6.979	1.02924	1.06187	.96427	.89401	.50730	1.28510	1.25206	1.31614	1.15191	.84366
1.250	-6.462	1.03975	1.07301	.97667	.90637	.52011	1.27734	1.25252	1.31598	1.14101	.83096
1.250	-5.961	1.04992	1.08421	.98835	.91823	.53246	1.26981	1.25308	1.31579	1.13091	.81891
1.250	-5.457	1.06038	1.09637	1.00000	.93059	.54507	1.26154	1.25401	1.31624	1.12130	.80688
1.250	-4.952	1.06979	1.10743	1.01067	.94147	.55649	1.25201	1.25452	1.31640	1.11087	.79425
1.250	-4.456	1.07842	1.11661	1.02080	.95192	.56797	1.24281	1.25333	1.31490	1.10042	.78214
1.250	-3.950	1.08888	1.12734	1.03250	.96407	.58055	1.23534	1.25294	1.31431	1.09108	.77050
1.250	-3.440	1.09933	1.13824	1.04416	.97591	.59306	1.22759	1.25433	1.31559	1.08079	.75856
1.250	-2.933	1.10841	1.14763	1.05478	.98637	.60496	1.21822	1.25460	1.31577	1.06931	.74577
1.250	-2.428	1.11819	1.15810	1.06587	.99782	.61744	1.20970	1.25311	1.31419	1.05828	.73332
1.250	-1.912	1.12833	1.16880	1.07742	1.00977	.63031	1.20231	1.25268	1.31365	1.04802	.72179
1.250	-1.403	1.13801	1.17863	1.08829	1.02097	.64326	1.19453	1.25345	1.31457	1.03693	.70980
1.250	-.885	1.14687	1.18829	1.09911	1.03221	.65575	1.18560	1.25346	1.31474	1.02518	.69757
1.250	-.369	1.15640	1.19802	1.11023	1.04414	.66858	1.17730	1.25310	1.31468	1.01372	.68581
1.250	.116	1.16524	1.20722	1.12082	1.05542	.68110	1.16922	1.25242	1.31439	1.00274	.67513
1.250	.605	1.17404	1.21606	1.13077	1.06575	.69437	1.16074	1.25065	1.31298	.99096	.66367
1.250	1.105	1.18284	1.22512	1.14091	1.07617	.70437	1.15214	1.25042	1.31319	.97888	.65150
GRADIENT		.01875	.01956	.02162	.02236	.02458	-.01632	-.00049	-.00036	-.02172	-.02351

RUN NO. 1540/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
1.400	-6.981	1.03669	1.08713	.98135	.90845	.51982	1.31968	1.29222	1.34983	1.17755	.86350
1.400	-6.465	1.04697	1.09893	.99386	.92099	.53186	1.31007	1.29367	1.35065	1.16626	.85061
1.400	-5.962	1.05609	1.11057	1.00536	.93263	.54331	1.29958	1.29332	1.34959	1.15438	.83740
1.400	-5.459	1.06697	1.12332	1.01782	.94503	.55553	1.29067	1.29415	1.34987	1.14365	.82539
1.400	-4.960	1.07667	1.13439	1.02915	.95663	.56730	1.28089	1.29399	1.34923	1.13287	.81314
1.400	-4.458	1.08725	1.14551	1.04054	.96858	.57904	1.27184	1.29455	1.34944	1.12204	.80111
1.400	-3.954	1.09806	1.15684	1.05271	.98088	.59150	1.26258	1.29527	1.34992	1.11149	.78892
1.400	-3.445	1.10851	1.16736	1.06399	.99238	.60317	1.25213	1.29500	1.34955	1.09965	.77544
1.400	-2.939	1.11909	1.17841	1.07596	1.00454	.61577	1.24160	1.29386	1.34828	1.08804	.76249
1.400	-2.434	1.13020	1.19002	1.08867	1.01752	.62892	1.23242	1.29427	1.34866	1.07675	.74983
1.400	-1.925	1.14004	1.19985	1.09966	1.02841	.64080	1.22267	1.29488	1.34930	1.06490	.73654
1.400	-1.409	1.15010	1.21005	1.11091	1.04006	.65345	1.21364	1.29448	1.34838	1.05251	.72359
1.400	-.893	1.16005	1.22063	1.12241	1.05174	.66598	1.20442	1.29301	1.34771	1.03976	.71092
1.400	-.383	1.17057	1.23177	1.13471	1.06441	.67916	1.19516	1.29337	1.34829	1.02711	.69851
1.399	.104	1.17936	1.24147	1.14570	1.07607	.69150	1.18530	1.29236	1.34759	1.01438	.68692
1.400	.595	1.19003	1.25245	1.15748	1.08844	.70453	1.17683	1.29166	1.34743	1.00195	.67582
1.400	1.095	1.19958	1.26222	1.16835	1.09981	.71724	1.16696	1.29224	1.34854	.98942	.66428
GRADIENT		.02024	.02104	.02300	.02358	.02475	-.01880	-.00047	-.00031	-.02375	-.02483

IA310 (AEDC 16TF-783) PROBE CALIBRATION (RCM051) (03 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	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
1.450	-6.962	1.02064	1.08898	.98033	.90904	.52279	1.31803	1.28671	1.34847	1.17912	.86953
1.450	-6.444	1.03070	1.10140	.99323	.92166	.53418	1.30674	1.28754	1.34851	1.16766	.85631
1.450	-5.941	1.04063	1.11330	1.00583	.93437	.54597	1.29589	1.28872	1.34893	1.15650	.84389
1.449	-5.435	1.04975	1.12356	1.01630	.94503	.55637	1.28413	1.28764	1.34717	1.14435	.83030
1.449	-4.929	1.06102	1.13638	1.02959	.95838	.56956	1.27524	1.28979	1.34866	1.13414	.81905
1.450	-4.430	1.07161	1.14778	1.04153	.97007	.58181	1.26582	1.28946	1.34784	1.12345	.80679
1.451	-3.918	1.08286	1.15987	1.05382	.98200	.59457	1.25582	1.29077	1.34876	1.11243	.79438
1.450	-3.408	1.09228	1.17030	1.06507	.99314	.60584	1.24369	1.29028	1.34809	1.10000	.78012
1.448	-2.897	1.10178	1.18052	1.07616	1.00444	.61743	1.23040	1.28825	1.34560	1.08754	.76533
1.450	-2.380	1.11320	1.19201	1.08928	1.01787	.63162	1.22050	1.29047	1.34779	1.07726	.75405
1.450	-1.862	1.12362	1.20195	1.10022	1.02966	.64448	1.21026	1.28918	1.34640	1.06481	.74065
1.451	-1.337	1.13624	1.21253	1.11253	1.04250	.65882	1.20245	1.29075	1.34792	1.05266	.72892
1.450	-.806	1.14747	1.22543	1.12491	1.05469	.67138	1.19246	1.28912	1.34634	1.03888	.71619
1.450	-.276	1.15996	1.23826	1.13883	1.06875	.68515	1.18354	1.28957	1.34700	1.02545	.70319
1.450	.215	1.17072	1.24982	1.15111	1.08110	.69758	1.17382	1.28826	1.34588	1.01268	.69067
1.450	.693	1.17992	1.25944	1.16101	1.09086	.70922	1.16310	1.28810	1.34601	.99892	.67747
1.450	1.173	1.18944	1.26897	1.17138	1.10162	.72145	1.15285	1.28705	1.34531	.98643	.66553
GRADIENT		.02122	.02173	.02334	.02369	.02499	-.01981	-.00036	-.00045	-.02413	-.02502

RUN NO. 1643/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
1.470	-6.969	.98346	1.07020	.96130	.89020	.50879	1.28697	1.32342	1.34799	1.15929	.85051
1.470	-6.446	.99469	1.08330	.97440	.90328	.52085	1.27717	1.32441	1.34854	1.14711	.83786
1.470	-5.944	1.00332	1.09445	.98601	.91450	.53160	1.26538	1.32372	1.34764	1.13462	.82455
1.471	-5.444	1.01602	1.10920	.99988	.92851	.54479	1.25665	1.32475	1.34864	1.12495	.81341
1.470	-4.938	1.02427	1.11971	1.01088	.93954	.55554	1.24281	1.32432	1.34822	1.11270	.80033
1.484	-4.435	1.03301	1.12946	1.02151	.95023	.56623	1.23034	1.32320	1.34710	1.10019	.78720
1.470	-3.928	1.04435	1.14119	1.03425	.96308	.57856	1.22009	1.32370	1.34773	1.08972	.77541
1.470	-3.420	1.05463	1.15137	1.04510	.97433	.59009	1.20810	1.32267	1.34694	1.07676	.76150
1.470	-2.905	1.06605	1.16312	1.05760	.98701	.60341	1.19741	1.32169	1.34624	1.06573	.74923
1.470	-2.394	1.07716	1.17448	1.06985	.99922	.61627	1.18605	1.32196	1.34692	1.05423	.73617
1.469	-1.873	1.08410	1.18232	1.07934	1.00917	.62736	1.17240	1.32069	1.34601	1.03990	.72133
1.470	-1.354	1.09541	1.19359	1.09209	1.02225	.64144	1.16272	1.32077	1.34671	1.02878	.70954
1.470	-.822	1.10741	1.20492	1.10497	1.03608	.65611	1.15317	1.31935	1.34595	1.01667	.69797
1.469	-.299	1.11650	1.21373	1.11505	1.04680	.66688	1.13978	1.31807	1.34550	1.00140	.68364
1.471	.194	1.12876	1.22552	1.12781	1.05981	.68095	1.13168	1.31709	1.34542	.99074	.67253
1.470	.675	1.13905	1.23526	1.13853	1.07116	.69414	1.12191	1.31658	1.34583	.97880	.66090
1.470	1.158	1.14965	1.24519	1.14930	1.08239	.70658	1.11243	1.31482	1.34492	.96603	.64904
GRADIENT		.02046	.02049	.02272	.02347	.02486	-.02141	-.00146	-.00043	-.02396	-.02483

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

(RCM051) (03 OCT 91)

PARAMETRIC DATA

BETA = 1.000 PHI = 180.000

RUN NO. 1593/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
1.493	-6.971	.92939	1.06322	.95391	.88447	.50893	1.24873	1.26417	1.34095	1.15076	.84438
1.493	-6.453	.93408	1.07516	.96646	.89662	.51828	1.23095	1.26459	1.34041	1.13782	.83060
1.493	-5.951	.93971	1.08788	.97936	.90921	.52868	1.21763	1.26522	1.34028	1.12637	.81845
1.493	-5.446	.94228	1.10056	.99152	.92113	.53945	1.19941	1.26558	1.34005	1.11511	.80592
1.493	-4.946	.94487	1.11258	1.00328	.93288	.55057	1.18085	1.26596	1.33991	1.10340	.79388
1.493	-4.444	.94958	1.12427	1.01504	.94456	.56164	1.16335	1.26563	1.33920	1.09189	.78187
1.493	-3.931	.95358	1.13577	1.02564	.95549	.57260	1.14470	1.26603	1.33926	1.07904	.76866
1.492	-3.419	.96007	1.14808	1.03758	.96766	.58475	1.12741	1.26573	1.33849	1.06636	.75561
1.493	-2.915	.96438	1.16036	1.05025	.98037	.59777	1.10938	1.26629	1.33880	1.05480	.74326
1.492	-2.400	.96612	1.16942	1.06116	.99157	.60924	1.08915	1.26614	1.33855	1.04153	.72918
1.493	-1.881	.97233	1.17936	1.07307	1.00394	.62227	1.07257	1.26665	1.33908	1.03012	.71698
1.493	-1.364	.97852	1.18832	1.08418	1.01559	.63482	1.05522	1.26663	1.33916	1.01776	.70388
1.492	-.833	.98675	1.19783	1.09552	1.02708	.64840	1.03931	1.26666	1.33929	1.00499	.69160
1.493	-.310	.99700	1.20698	1.10594	1.03802	.66161	1.02482	1.26689	1.33963	.99134	.67947
1.492	.179	1.00882	1.21766	1.11742	1.04973	.67470	1.01343	1.26736	1.34050	.97936	.66979
1.492	.661	1.01840	1.22737	1.12819	1.06054	.68632	.99985	1.26789	1.34048	.96707	.65845
1.493	1.147	1.03556	1.23699	1.13906	1.07228	.69861	.99410	1.26677	1.34086	.95603	.64708
	GRADIENT	.01371	.01999	.02221	.02280	.02448	-.03167	.00023	.00024	-.02424	-.02419

RUN NO. 1609/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
1.516	-6.970	.79649	1.06646	.95723	.88859	.51144	1.15850	1.28211	1.33631	1.15608	.85223
1.516	-6.453	.78948	1.07777	.96825	.89943	.52883	1.12731	1.28083	1.33339	1.14195	.83714
1.516	-5.951	.78512	1.09133	.98179	.91280	.53492	1.10123	1.27978	1.33179	1.13156	.82559
1.516	-5.447	.79006	1.10328	.99349	.92428	.54501	1.07960	1.28160	1.33322	1.11999	.81214
1.515	-4.941	.79302	1.11538	1.00463	.93523	.55498	1.05591	1.28277	1.33412	1.10828	.79867
1.516	-4.439	.79128	1.12759	1.01636	.94671	.56541	1.03183	1.28136	1.33234	1.09758	.78645
1.516	-3.931	.78527	1.13972	1.02823	.95849	.57679	1.00439	1.28126	1.33197	1.08587	.77337
1.515	-3.424	.78992	1.15118	1.03881	.96954	.58750	.98262	1.27999	1.33040	1.07248	.75892
1.515	-2.910	.79555	1.16378	1.05099	.98167	.59955	.96027	1.27963	1.32986	1.05998	.74564
1.516	-2.401	.80348	1.17749	1.06393	.99481	.61352	.93972	1.28011	1.33021	1.04839	.73329
1.516	-1.882	.81262	1.18894	1.07534	1.00635	.62968	.92134	1.27942	1.32950	1.03500	.71991
1.516	-1.361	.82112	1.20110	1.08773	1.01846	.63825	.90150	1.27848	1.32870	1.02159	.70695
1.516	-.834	.83002	1.21246	1.10040	1.03129	.65142	.88162	1.27788	1.32815	1.00777	.69423
1.516	-.309	.84162	1.22349	1.11327	1.04443	.66504	.86404	1.27681	1.32732	.99308	.68229
1.516	.180	.85457	1.23403	1.12558	1.05656	.67765	.85038	1.27580	1.32660	.97907	.67120
1.515	.663	.86774	1.24336	1.13733	1.06862	.68964	.83911	1.27497	1.32605	.96505	.66029
1.515	1.150	.88559	1.25315	1.14927	1.08082	.70245	.83413	1.27474	1.32620	.95307	.65081
	GRADIENT	.01564	.02280	.02373	.02389	.02440	-.03723	-.00125	-.00123	-.02569	-.02457

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(RCM051) (03 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	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
1.542	-6.969	.62324	1.07067	.95565	.88840	.50877	.96131	1.28293	1.29419	1.15309	.85119
1.541	-6.453	.63841	1.07926	.96621	.89876	.52017	.94269	1.28291	1.29345	1.13941	.83712
1.542	-5.950	.65166	1.08874	.97938	.91175	.53355	.92613	1.28432	1.29423	1.12847	.82524
1.542	-5.446	.66474	1.09395	.99047	.92303	.54454	.90979	1.28419	1.29357	1.11598	.81184
1.541	-4.946	.67914	1.09781	1.00201	.93473	.55528	.89595	1.28464	1.29354	1.10411	.79894
1.541	-4.438	.69611	1.09947	1.01378	.94641	.56604	.88542	1.28501	1.29350	1.09247	.78671
1.541	-3.931	.71708	1.09594	1.02518	.95770	.57650	.87933	1.28432	1.29251	1.07891	.77310
1.541	-3.425	.74719	1.08710	1.03717	.97017	.58823	.88378	1.28429	1.29216	1.06667	.76007
1.541	-2.915	.79894	1.06452	1.04724	.98239	.60035	.91018	1.28444	1.29194	1.05468	.74694
1.541	-2.401	.83942	1.05876	1.05838	.99324	.61188	.92790	1.28419	1.29133	1.04209	.73288
1.542	-1.886	.86492	1.07038	1.07306	1.00610	.62415	.93515	1.28462	1.29133	1.03058	.72007
1.541	-1.364	.88831	1.08494	1.08732	1.01839	.63560	.93945	1.28436	1.29059	1.01806	.70691
1.541	-.837	.90782	1.10430	1.10371	1.03198	.64799	.94090	1.28462	1.29042	1.00571	.69503
1.541	-.309	.92639	1.13055	1.11954	1.04538	.66070	.94099	1.28424	1.28995	.99257	.68296
1.542	.179	.94070	1.16096	1.13351	1.05740	.67326	.93914	1.28336	1.28950	.97959	.67293
1.541	.660	.95148	1.19529	1.14625	1.06898	.68522	.93407	1.28131	1.28844	.96652	.66292
1.541	1.149	.96076	1.24114	1.15825	1.08091	.69811	.92764	1.27989	1.28836	.95534	.65328
	GRADIENT	.05018	.01965	.02603	.02406	.02339	.00989	-.00054	-.00085	-.02433	-.02424

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

(RCM052) (03 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	CPB	CPC1	CPC2	CPC3	CPC01	CPU	CPC4	CPC5	CPC6	CPC02
.599	-6.941	.65984	.69329	.59122	.51738	.10337	.95673	.90807	.89346	.82460	.49083
.600	-6.433	.67453	.70831	.60696	.53298	.11857	.95003	.91035	.89491	.81443	.47786
.600	-5.926	.68779	.72301	.62112	.54800	.13334	.94097	.91070	.89439	.80267	.46368
.600	-5.420	.70081	.73743	.63566	.56289	.14882	.93315	.91113	.89420	.79209	.45144
.600	-4.907	.71199	.75009	.64874	.57623	.16244	.92292	.91132	.89379	.77926	.43614
.600	-4.404	.72529	.76398	.66288	.59113	.17809	.91596	.91229	.89441	.76998	.42464
.600	-3.889	.73458	.77394	.67369	.60176	.18907	.90419	.91242	.89413	.75590	.40768
.601	-3.379	.74984	.78911	.69005	.61864	.20576	.89811	.91371	.89526	.74690	.39685
.600	-2.863	.76020	.79941	.70191	.63039	.21971	.88619	.91282	.89419	.73203	.38001
.601	-2.344	.77389	.81173	.71670	.64620	.23653	.87788	.91340	.89486	.72094	.36681
.600	-1.823	.78454	.82179	.72879	.65846	.25061	.86650	.91187	.89340	.70722	.35151
.600	-1.298	.79690	.83433	.74226	.67232	.26512	.85702	.91344	.89523	.69416	.33665
.601	-.771	.80893	.84653	.75650	.68661	.28207	.84730	.91266	.89472	.68183	.32421
.601	-.250	.81987	.85751	.76898	.69978	.29642	.83752	.91192	.89454	.66799	.31015
.600	.243	.82908	.86769	.78028	.71160	.30935	.82689	.91017	.89344	.65435	.29543
.600	.735	.84020	.87915	.79315	.72484	.32483	.81856	.91016	.89408	.64135	.28275
.601	1.213	.84938	.88811	.80345	.73544	.33720	.80899	.90970	.89448	.62798	.27011
	GRADIENT	.02253	.02246	.02541	.02614	.02870	-.01881	-.00037	-.00001	-.02480	-.02732

RUN NO. 1468/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPC01	CPU	CPC4	CPC5	CPC6	CPC02
.800	-6.959	.74535	.77747	.67243	.59797	.16575	1.03006	.98077	1.04664	.89691	.55730
.800	-6.448	.75814	.79159	.68705	.61293	.18094	1.02212	.98208	1.04693	.88584	.54379
.800	-5.946	.77015	.80516	.70005	.62682	.19495	1.01389	.98308	1.04729	.87477	.53029
.800	-5.437	.78261	.81899	.71423	.64119	.21043	1.00590	.98399	1.04742	.86420	.51728
.800	-4.933	.79325	.83063	.72602	.65355	.22357	.99632	.98427	1.04702	.85215	.50253
.800	-4.430	.80507	.84326	.73933	.66730	.23810	.98831	.98491	1.04705	.84198	.48925
.800	-3.921	.81594	.85483	.75171	.67952	.25231	.97922	.98540	1.04715	.83028	.47522
.800	-3.413	.82809	.86717	.76560	.69360	.26806	.97123	.98559	1.04687	.81938	.46152
.800	-2.904	.83910	.87736	.77858	.70668	.28228	.96128	.98601	1.04702	.80669	.44615
.800	-2.388	.85054	.88862	.79171	.72031	.29787	.95197	.98589	1.04678	.79441	.43186
.800	-1.878	.86161	.89998	.80435	.73331	.31256	.94252	.98572	1.04662	.78236	.41764
.800	-1.353	.87164	.91011	.81575	.74526	.32637	.93222	.98520	1.04626	.76825	.40261
.800	-.837	.88258	.92207	.82881	.75869	.34160	.92298	.98496	1.04613	.75620	.38979
.800	-.326	.89334	.93314	.84137	.77226	.35712	.91369	.98425	1.04586	.74350	.37649
.800	.164	.90280	.94361	.85267	.78414	.37022	.90418	.98382	1.04586	.73016	.36208
.800	.663	.91355	.95452	.86497	.79704	.38613	.89517	.98338	1.04582	.71777	.34971
.800	1.151	.92207	.96395	.87562	.80807	.39896	.88494	.98227	1.04541	.70388	.33481
	GRADIENT	.02121	.02178	.02460	.02544	.02888	-.01837	-.00035	-.00028	-.02443	-.02754

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(RCM052) (03 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	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
.900	-6.954	.80702	.83844	.73588	.66248	.23749	1.08000	1.05764	1.15106	.94836	.61466
.900	-6.441	.81841	.85151	.74917	.67624	.25183	1.07155	1.05851	1.15140	.93703	.60086
.900	-5.938	.83046	.86496	.76218	.68988	.26615	1.06410	1.05929	1.15180	.92675	.58788
.901	-5.429	.84145	.87710	.77497	.70305	.28045	1.05538	1.05897	1.15097	.91582	.57485
.900	-4.924	.85210	.88907	.78664	.71542	.29288	1.04691	1.05933	1.15097	.90487	.56102
.900	-4.420	.86309	.90077	.79925	.72806	.30678	1.03870	1.05945	1.15092	.89484	.54812
.900	-3.913	.87364	.91227	.81147	.74018	.32037	1.03012	1.05974	1.15120	.88376	.53446
.900	-3.403	.88486	.92341	.82435	.75336	.33438	1.02181	1.05981	1.15125	.87289	.52092
.900	-2.892	.89501	.93262	.83642	.76573	.34840	1.01229	1.05903	1.15055	.86041	.50625
.900	-2.379	.90606	.94398	.84913	.77864	.36280	1.00352	1.05927	1.15093	.84884	.49212
.898	-1.862	.91573	.95373	.86002	.78995	.37520	.99365	1.05833	1.15038	.83573	.47705
.900	-1.343	.92850	.96659	.87403	.80453	.39239	.98657	1.05526	1.14789	.82514	.46587
.900	-.825	.93715	.97606	.88490	.81598	.40618	.97586	1.05795	1.15102	.81183	.45205
.900	-.313	.94702	.98690	.89688	.82846	.42043	.96654	1.05644	1.15004	.79938	.43854
.900	.180	.95695	.99755	.90856	.84106	.43426	.95852	1.05575	1.14983	.78727	.42574
.900	.676	.96644	1.00780	.91984	.85272	.44805	.94893	1.05488	1.14980	.77441	.41206
.900	1.160	.97515	1.01670	.93035	.86371	.46113	.94027	1.05401	1.14957	.76231	.39903
.900	GRADIENT	.02028	.02093	.02363	.02444	.02775	-.01757	-.00094	-.00027	-.02354	-.02661

RUN NO. 1509/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
1.100	-6.984	.95989	.98859	.89334	.82456	.43891	1.20837	1.22916	1.28866	1.08540	.78034
1.100	-6.474	.97034	1.00042	.90545	.83716	.45173	1.20117	1.22911	1.28863	1.07529	.76796
1.100	-5.973	.98048	1.01209	.91686	.84897	.46391	1.19410	1.22918	1.28871	1.06548	.75592
1.100	-5.473	.99076	1.02390	.92886	.86090	.47657	1.18673	1.22898	1.28861	1.05561	.74392
1.100	-4.973	1.00044	1.03469	.93934	.87245	.48859	1.17887	1.22834	1.28822	1.04600	.73154
1.100	-4.472	1.00993	1.04466	.95015	.88353	.50023	1.17102	1.22790	1.28815	1.03602	.71942
1.100	-3.964	1.01899	1.05437	.96064	.89405	.51130	1.16321	1.22704	1.28759	1.02633	.70763
1.100	-3.465	1.02973	1.06490	.97305	.90651	.52481	1.15586	1.22714	1.28807	1.01687	.69587
1.100	-2.962	1.03887	1.07409	.98377	.91786	.53679	1.14727	1.22630	1.28766	1.00564	.68260
1.100	-2.462	1.04834	1.08354	.99480	.92874	.54941	1.13913	1.22537	1.28732	.99518	.67060
1.100	-1.957	1.05754	1.09290	1.00535	.93979	.56180	1.13093	1.22445	1.28713	.98419	.65802
1.100	-1.446	1.06672	1.10247	1.01610	.95099	.57459	1.12295	1.22376	1.28703	.97368	.64633
1.100	-.949	1.07482	1.11128	1.02583	.96112	.58635	1.11444	1.22275	1.28672	.96234	.63399
1.100	-.448	1.08386	1.12095	1.03653	.97236	.59897	1.10660	1.22193	1.28670	.95156	.62251
1.100	.039	1.09222	1.13023	1.04696	.98340	.61167	1.09868	1.22048	1.28635	.94055	.61073
1.100	.545	1.10075	1.13931	1.05717	.99438	.62415	1.08985	1.21918	1.28602	.92868	.59856
1.100	1.051	1.10991	1.14898	1.06788	1.00550	.63682	1.08172	1.21850	1.28649	.91766	.58658
1.100	GRADIENT	.01814	.01887	.02132	.02207	.02471	-.01616	-.00168	-.00035	-.02139	-.02412

(RCM052) (03 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	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
1.250	-6.965	1.02715	1.06076	.96289	.89268	.50668	1.28255	1.24692	1.31146	1.15192	.84232
1.250	-6.447	1.03771	1.07318	.97497	.90496	.51931	1.27515	1.24817	1.31202	1.14118	.82978
1.250	-5.947	1.04815	1.08526	.98683	.91713	.53222	1.26776	1.24972	1.31305	1.13139	.81802
1.250	-5.444	1.05804	1.09654	.99820	.92850	.54422	1.25872	1.25015	1.31286	1.12110	.80505
1.250	-4.945	1.06700	1.10637	1.00872	.93976	.55573	1.24870	1.24855	1.31094	1.11077	.79278
1.250	-4.439	1.07677	1.11646	1.01951	.95070	.56754	1.24084	1.24888	1.31081	1.10138	.78128
1.250	-3.929	1.08698	1.12617	1.03101	.96266	.58005	1.23286	1.24994	1.31159	1.09141	.76930
1.250	-3.424	1.09670	1.13622	1.04259	.97454	.59252	1.22456	1.25003	1.31154	1.08107	.75731
1.250	-2.913	1.10663	1.14609	1.05388	.98563	.60482	1.21602	1.24954	1.31088	1.07020	.74494
1.250	-2.406	1.11670	1.15626	1.06508	.99725	.61747	1.20761	1.24942	1.31074	1.05909	.73234
1.250	-1.892	1.12617	1.16627	1.07585	1.00842	.62980	1.19955	1.24886	1.31020	1.04797	.72021
1.250	-1.379	1.13562	1.17625	1.08690	1.01988	.64300	1.19148	1.24895	1.31039	1.03686	.70873
1.250	-.865	1.14473	1.18576	1.09752	1.03089	.65526	1.18294	1.24887	1.31053	1.02531	.69668
1.250	-.357	1.15437	1.19529	1.10880	1.04304	.66834	1.17479	1.24757	1.30953	1.01409	.68527
1.250	.132	1.16302	1.20574	1.11939	1.05409	.68047	1.16648	1.24726	1.30954	1.00265	.67393
1.250	.632	1.17186	1.21462	1.12974	1.06488	.69262	1.15784	1.24669	1.30939	.99068	.66217
1.250	1.123	1.18097	1.22369	1.14013	1.07555	.70461	1.14973	1.24623	1.30936	.97974	.65102
GRADIENT		.01876	.01942	.02167	.02243	.02463	-.01631	-.00048	-.00034	-.02174	-.02344

RUN NO. 1541/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
1.399	-6.974	1.03467	1.08751	.97994	.90740	.51952	1.31695	1.28784	1.34610	1.17754	.86213
1.400	-6.450	1.04430	1.09940	.99164	.91934	.53100	1.30667	1.28848	1.34578	1.16560	.84859
1.400	-5.950	1.05497	1.11139	1.00494	.93216	.54356	1.29793	1.28866	1.34536	1.15540	.83689
1.400	-5.448	1.06474	1.12251	1.01611	.94391	.55489	1.28769	1.28970	1.34584	1.14367	.82379
1.400	-4.948	1.07502	1.13349	1.02797	.95588	.56695	1.27823	1.29030	1.34610	1.13292	.81142
1.400	-4.438	1.08511	1.14360	1.03899	.96729	.57843	1.26900	1.28938	1.34484	1.12215	.79936
1.400	-3.932	1.09544	1.15450	1.05097	.97944	.59073	1.25956	1.29052	1.34561	1.11143	.78726
1.401	-3.429	1.10638	1.16544	1.06312	.99174	.60325	1.24964	1.29018	1.34503	1.10022	.77461
1.400	-2.924	1.11778	1.17716	1.07588	1.00466	.61610	1.24011	1.29018	1.34469	1.08918	.76175
1.400	-2.409	1.12789	1.18740	1.08726	1.01626	.62837	1.22926	1.29009	1.34484	1.07644	.74792
1.400	-1.901	1.13889	1.19874	1.09962	1.02854	.64168	1.22055	1.28978	1.34456	1.06553	.73591
1.400	-1.394	1.14802	1.20791	1.10960	1.03893	.65296	1.21054	1.28980	1.34471	1.05254	.72246
1.400	-.878	1.15819	1.21924	1.12184	1.05152	.66655	1.20150	1.28888	1.34398	1.04044	.71092
1.400	-.371	1.16834	1.22991	1.13334	1.06334	.67898	1.19227	1.28826	1.34363	1.02710	.69807
1.400	.116	1.17749	1.24025	1.14462	1.07521	.69165	1.18258	1.28761	1.34334	1.01493	.68651
1.400	.618	1.18813	1.25116	1.15680	1.08799	.70487	1.17377	1.28692	1.34316	1.00229	.67479
1.400	1.114	1.19686	1.26033	1.16724	1.09886	.71689	1.16356	1.28677	1.34355	.98928	.66260
GRADIENT		.02020	.02106	.02306	.02362	.02484	-.01889	-.00058	-.00042	-.02375	-.02470

PARAMETRIC DATA

BETA = 1.500 PHI = 180.000

RUN NO. 1559/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPC1	CPC2	CPC3	CPC01	CPU	CPC4	CPC5	CPC6	CPC02
1.450	-6.946	1.01949	.98027	.90874	.52335	1.31586	1.28589	1.34468	1.17934	.86832
1.450	-6.426	1.02891	.99189	.92070	.53386	1.30470	1.28625	1.34439	1.16746	.85491
1.450	-5.924	1.03942	1.10111	.93358	.54615	1.29379	1.28650	1.34404	1.15649	.84224
1.450	-5.415	1.04899	1.12401	.94570	.55758	1.28227	1.28776	1.34431	1.14537	.82971
1.450	-4.912	1.05843	1.13414	.95699	.56915	1.27131	1.28816	1.34419	1.13355	.81676
1.450	-4.399	1.06999	1.14550	.96884	.58135	1.26266	1.28800	1.34358	1.12280	.80434
1.450	-3.889	1.08019	1.15740	.98110	.59416	1.25254	1.28908	1.34436	1.11214	.79224
1.450	-3.380	1.09084	1.16888	.99343	.60675	1.24092	1.28865	1.34362	1.10056	.77948
1.449	-2.864	1.10036	1.17865	1.00378	.61779	1.22821	1.28737	1.34212	1.08748	.76400
1.450	-2.351	1.11148	1.18998	1.01685	.63168	1.21700	1.28879	1.34342	1.07633	.75173
1.450	-1.828	1.12155	1.20011	1.02893	.64486	1.20680	1.28751	1.34214	1.06441	.73939
1.450	-1.305	1.13319	1.21132	1.04137	.65842	1.19735	1.28857	1.34331	1.05220	.72741
1.449	-.778	1.14405	1.22260	1.05307	.67087	1.18776	1.28711	1.34187	1.03890	.71441
1.450	-.261	1.15507	1.23458	1.06604	.68387	1.17777	1.28738	1.34233	1.02461	.70103
1.450	.230	1.16746	1.24739	1.07982	.69702	1.16980	1.28738	1.34268	1.01233	.68916
1.450	.724	1.17778	1.25771	1.09132	.70984	1.15970	1.28661	1.34224	.99893	.67634
1.450	1.200	1.18679	1.26774	1.10267	.72241	1.14940	1.28546	1.34153	.98710	.66492
1.450	GRADIENT	.02100	.02174	.02381	.02504	-.02001	-.00037	-.00036	-.02406	-.02488

RUN NO. 1644/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPC1	CPC2	CPC3	CPC01	CPU	CPC4	CPC5	CPC6	CPC02
1.470	-6.949	1.07129	.96046	.88981	.50907	1.28528	1.31170	1.34344	1.16002	.84916
1.471	-6.430	1.08254	.97293	.90197	.52101	1.27361	1.31285	1.34425	1.14718	.83652
1.471	-5.929	1.09477	.98602	.91468	.53274	1.26386	1.31313	1.34422	1.13618	.82418
1.470	-5.425	1.01165	.99659	.92554	.54326	1.25139	1.31301	1.34399	1.12304	.80973
1.470	-4.917	1.02201	1.11785	.93830	.55550	1.23971	1.31212	1.34295	1.11243	.79800
1.470	-4.411	1.03192	1.12848	.94988	.56681	1.22830	1.31228	1.34314	1.10077	.78543
1.470	-3.902	1.04237	1.13939	.96186	.57886	1.21674	1.31282	1.34373	1.08936	.77303
1.470	-3.393	1.05292	1.15043	.97410	.59117	1.20541	1.31087	1.34193	1.07771	.76046
1.471	-2.874	1.06521	1.16171	.98712	.60462	1.19571	1.31225	1.34354	1.06623	.74768
1.470	-2.359	1.07462	1.17189	.99839	.61692	1.18214	1.31136	1.34303	1.05332	.73378
1.470	-1.842	1.08640	1.18329	1.01141	.63065	1.17277	1.31083	1.34293	1.04215	.72234
1.470	-1.320	1.09515	1.19289	1.02250	.64276	1.16050	1.31034	1.34285	1.02884	.70895
1.470	-.798	1.10569	1.20365	1.03547	.65615	1.14975	1.30881	1.34193	1.01604	.69657
1.470	-.282	1.11570	1.21339	1.04670	.66720	1.13800	1.30703	1.34092	1.00204	.68262
1.470	.210	1.12777	1.22499	1.05961	.68081	1.12998	1.30736	1.34205	.99134	.67157
1.470	.705	1.13795	1.23455	1.07072	.69401	1.11970	1.30514	1.34165	.97822	.65920
1.471	1.187	1.14802	1.24429	1.08187	.70691	1.11026	1.30501	1.34127	.96628	.64784
1.471	GRADIENT	.02058	.02288	.02356	.02478	-.02128	-.00123	-.00033	-.02397	-.02467

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

(RCMO52) (03 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	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
1.493	-6.952	.93273	1.06323	.95222	.88328	.50834	1.24641	1.26770	1.34236	1.15078	.84284
1.493	-6.438	.93465	1.07562	.96594	.89621	.51885	1.23104	1.26946	1.34344	1.13876	.82985
1.493	-5.932	.93645	1.08474	.97536	.90559	.52722	1.21191	1.26813	1.33975	1.12411	.81453
1.493	-5.429	.94115	1.09938	.98978	.91977	.53935	1.19743	1.26365	1.33466	1.11531	.80422
1.493	-4.921	.94657	1.11190	1.00223	.93216	.55078	1.18069	1.26464	1.33522	1.10387	.79232
1.493	-4.416	.94997	1.12292	1.01349	.94338	.56168	1.16176	1.26573	1.33595	1.09183	.77965
1.493	-3.907	.95567	1.13525	1.02496	.95518	.57336	1.14484	1.26686	1.33683	1.08044	.76771
1.493	-3.399	.95905	1.14670	1.03629	.96667	.58486	1.12517	1.26728	1.33701	1.06718	.75401
1.493	-2.886	.96426	1.15846	1.04851	.97889	.59754	1.10774	1.26770	1.33730	1.05475	.74071
1.493	-2.367	.96887	1.16925	1.06047	.99108	.60994	1.08958	1.26839	1.33802	1.04216	.72737
1.493	-1.856	.97379	1.17948	1.07248	1.00337	.62292	1.07183	1.26924	1.33890	1.03003	.71504
1.493	-1.331	.98016	1.18856	1.08390	1.01503	.63594	1.05481	1.26923	1.33907	1.01779	.70304
1.493	-.811	.98901	1.19775	1.09494	1.02644	.64862	1.04023	1.27003	1.34000	1.00482	.69091
1.492	-.298	1.00030	1.20686	1.10574	1.03772	.66186	1.02708	1.26980	1.34007	.99189	.67955
1.492	.194	1.01090	1.21583	1.11601	1.04839	.67404	1.01499	1.26939	1.34005	.97939	.66847
1.493	.691	1.02525	1.22561	1.12704	1.05973	.68663	1.00597	1.26676	1.33773	.96679	.65690
1.493	1.173	1.03971	1.23603	1.13823	1.07167	.69933	.99771	1.26594	1.33736	.95606	.64580
GRADIENT		.01440	.01999	.02229	.02284	.02449	-.03077	.00039	.00054	-.02437	-.02406

RUN NO. 1610/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
1.516	-6.957	.79556	1.06629	.95604	.88748	.51124	1.15735	1.27970	1.33207	1.15582	.85064
1.516	-6.438	.78535	1.07947	.96862	.89982	.52369	1.12442	1.27663	1.32832	1.14351	.83711
1.516	-5.933	.78184	1.09003	.97884	.90999	.53332	1.09614	1.27452	1.32478	1.12954	.82254
1.516	-5.429	.78732	1.10491	.99262	.92348	.54521	1.07591	1.27710	1.32709	1.12023	.81103
1.516	-4.921	.79579	1.11799	1.00458	.93533	.55589	1.05720	1.28107	1.33083	1.10922	.79823
1.516	-4.415	.79124	1.12773	1.01390	.94443	.56435	1.02855	1.27925	1.32851	1.09575	.78338
1.517	-3.908	.78856	1.14100	1.02711	.95769	.57676	1.00507	1.27645	1.32544	1.08578	.77168
1.517	-3.400	.78890	1.15368	1.03972	.97052	.58905	.98076	1.27840	1.32724	1.07485	.75944
1.516	-2.882	.79263	1.16478	1.05110	.98207	.60084	.95639	1.27926	1.32802	1.06124	.74503
1.516	-2.372	.80120	1.17649	1.06235	.99350	.61327	.93651	1.27967	1.32832	1.04805	.73139
1.516	-1.852	.81167	1.18810	1.07451	1.00562	.62615	.91878	1.28003	1.32856	1.03501	.71875
1.516	-1.332	.82285	1.19888	1.08593	1.01683	.63807	.90189	1.27963	1.32856	1.02084	.70563
1.516	-.811	.83359	1.21037	1.09931	1.03040	.65176	.88425	1.27926	1.32830	1.00681	.69344
1.516	-.296	.84571	1.22125	1.11230	1.04378	.66510	.86813	1.27906	1.32838	.99282	.68181
1.516	.195	.85805	1.23096	1.12422	1.05566	.67744	.85478	1.27763	1.32733	.97869	.66987
1.516	.689	.87280	1.24026	1.13596	1.06748	.69004	.84424	1.27577	1.32586	.96475	.65814
1.516	1.173	.88954	1.25050	1.14813	1.08002	.70237	.83760	1.27452	1.32511	.95282	.64854
GRADIENT		.01635	.02187	.02363	.02382	.02435	-.03612	-.00053	-.00038	-.02585	-.02467

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(RCM052) (03 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	CPB	CPC1	CPC2	CPC3	CPC1	CPC4	CPC5	CPC6	CP02
1.542	-6.952	.61989	1.06998	.95616	.88747	.50764	.96054	1.28849	1.15236	.84911
1.542	-6.433	.63673	1.08110	.96929	.89999	.52044	.94249	1.28851	1.13994	.83598
1.542	-5.932	.64992	1.09078	.98180	.91199	.53219	.92454	1.28842	1.12791	.82302
1.542	-5.429	.66223	1.09813	.99393	.92363	.54324	.90757	1.28774	1.11550	.80963
1.542	-4.926	.67661	1.10280	1.00566	.93473	.55358	.89388	1.28740	1.10297	.79593
1.542	-4.416	.69267	1.11095	1.01929	.94765	.56547	.88282	1.28750	1.09226	.78434
1.542	-3.906	.71191	1.11402	1.03179	.95952	.57651	.87592	1.28745	1.08001	.77197
1.541	-3.400	.73595	1.11057	1.04390	.97105	.58726	.87456	1.28695	1.06688	.75835
1.542	-2.882	.77706	1.09366	1.05611	.98374	.59931	.89100	1.28651	1.05383	.74466
1.542	-2.367	.82650	1.07561	1.06788	.99644	.61184	.91590	1.28723	1.04209	.73164
1.541	-1.853	.85412	1.08212	1.07865	1.00741	.62306	.92368	1.28690	1.02938	.71858
1.541	-1.332	.87771	1.09741	1.09236	1.02016	.63526	.92880	1.28787	1.01726	.70662
1.541	-.811	.89757	1.11797	1.10660	1.03232	.64752	.92981	1.28794	1.00382	.69382
1.541	-.296	.91482	1.14619	1.12035	1.04496	.66009	.92967	1.28874	.99112	.68214
1.541	.195	.93036	1.18185	1.13407	1.05757	.67371	.92824	1.28953	.97966	.67270
1.541	.690	.93978	1.21931	1.14508	1.06831	.68590	.92130	1.28949	.96632	.66174
1.541	1.172	.94916	1.26103	1.15600	1.07954	.69802	.91452	1.28994	.95454	.65198
	GRADIENT	.04923	.02074	.02467	.02373	.02361	.00844	.00046	-.02445	-.02397

(RCM053) (03 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	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
.600	-6.923	.65807	.69222	.59039	.51596	.10499	.95396	.90734	.89319	.82602	.49057
.599	-6.410	.70554	.70564	.60382	.53014	.11757	.94522	.90792	.89283	.81390	.47539
.599	-5.903	.68418	.71976	.61927	.54504	.13315	.93703	.90925	.89348	.80346	.46241
.599	-5.396	.69522	.73125	.63129	.55845	.14551	.92694	.90901	.89273	.79087	.44745
.600	-4.888	.70899	.74557	.64604	.57386	.16124	.91903	.91017	.89341	.78019	.43444
.600	-4.378	.72124	.75847	.66013	.58770	.17633	.91003	.91038	.89320	.76951	.42149
.600	-3.864	.73232	.77038	.67262	.60083	.19035	.90043	.91003	.89239	.75745	.40761
.600	-3.356	.74425	.78272	.68580	.61376	.20367	.89110	.91070	.89304	.74505	.39261
.600	-2.837	.75792	.79647	.70078	.62922	.21965	.88359	.91279	.89499	.73445	.37973
.600	-2.315	.76888	.80792	.71314	.64271	.23434	.87276	.91113	.89336	.72098	.36450
.600	-1.797	.78023	.81836	.72560	.65550	.24900	.86159	.91024	.89274	.70676	.34946
.600	-1.273	.79281	.83115	.74002	.67022	.26476	.85242	.90974	.89450	.69476	.33610
.600	-.756	.80419	.84271	.75352	.68387	.27966	.84269	.91106	.89405	.68153	.32192
.600	-.239	.81373	.85216	.76451	.69560	.29374	.83124	.90788	.89121	.66663	.30696
.600	.251	.82575	.86522	.77857	.70988	.30906	.82416	.90949	.89337	.65562	.29492
.600	.753	.83496	.87450	.78932	.72119	.32269	.81256	.90789	.89232	.64054	.28019
.600	1.235	.84748	.88701	.80293	.73509	.33788	.80542	.90889	.89403	.62920	.26880
	GRADIENT	.02247	.02283	.02548	.02627	.02877	-.01880	-.00038	-.00005	-.02489	-.02733

RUN NO. 1470/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
.800	-6.946	.74199	.77492	.67006	.59589	.16499	1.02638	1.07030	1.08175	.89724	.55511
.800	-6.433	.75399	.78838	.68366	.60970	.17916	1.01807	1.06937	1.08115	.88564	.54093
.800	-5.930	.76660	.80192	.69803	.62430	.19410	1.01006	1.06941	1.08176	.87515	.52787
.800	-5.424	.77821	.81379	.71057	.63799	.20853	1.00104	1.06863	1.08141	.86355	.51373
.800	-4.919	.79034	.82647	.72431	.65122	.22347	.99253	1.06809	1.08158	.85245	.50034
.800	-4.411	.80163	.83841	.73699	.66419	.23708	.98411	1.06767	1.08170	.84189	.48676
.800	-3.907	.81262	.85011	.74994	.67673	.25184	.97501	1.06587	1.08088	.83070	.47334
.800	-3.391	.82404	.86235	.76323	.69029	.26654	.96602	1.06547	1.08119	.81902	.45890
.800	-2.882	.83502	.87371	.77587	.70361	.28103	.95644	1.06351	1.08058	.80679	.44414
.800	-2.369	.84601	.88541	.78908	.71749	.29674	.94700	1.06263	1.08052	.79480	.43020
.800	-1.855	.85730	.89641	.80184	.73085	.31162	.93805	1.06114	1.08043	.78230	.41616
.800	-1.340	.86807	.90752	.81433	.74387	.32612	.92824	1.05967	1.07993	.76951	.40185
.800	-.826	.87915	.91911	.82695	.75731	.34109	.91954	1.05884	1.08035	.75727	.38813
.800	-.319	.88912	.92944	.83874	.76969	.35557	.90949	1.05676	1.07972	.74383	.37407
.800	.174	.89915	.94030	.85088	.78210	.37015	.90036	1.05488	1.07960	.73093	.36102
.800	.677	.90880	.95005	.86191	.79382	.38411	.89035	1.05267	1.07894	.71714	.34680
.800	1.167	.91896	.95981	.87328	.80556	.39802	.88110	1.05138	1.07923	.70427	.33288
	GRADIENT	.02115	.02195	.02457	.02556	.02885	-.01833	-.00278	-.00042	-.02441	-.02751

(RCM053) (03 OCT 91)

IA310 (AEDC 16TF-783) PROBE CALIBRATION

PARAMETRIC DATA

BETA = 2.000 PHI = 180.000

RUN NO. 1503/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CP02
.899	-6.941	.80409	.83624	.73312	.65994	.23675	1.07651	1.04786	1.14361	.94824	.61275
.900	-6.424	.81589	.84973	.74729	.67385	.25149	1.06854	1.05178	1.14703	.93761	.59965
.900	-5.920	.82722	.86202	.76014	.68744	.26502	1.06064	1.04449	1.14956	.92690	.58606
.900	-5.411	.83808	.87364	.77213	.70084	.27917	1.05169	1.05552	1.15026	.91578	.57230
.900	-4.911	.84903	.88538	.78487	.71304	.29249	1.04309	1.05506	1.14957	.90509	.55912
.900	-4.400	.86036	.89706	.79733	.72598	.30620	1.03509	1.05481	1.14914	.89518	.54610
.900	-3.890	.87080	.90828	.80935	.73791	.31962	1.02619	1.05423	1.14851	.88407	.53239
.900	-3.382	.88116	.91893	.82130	.75047	.33324	1.01748	1.05362	1.14791	.87246	.51844
.900	-2.874	.89238	.93092	.83441	.76396	.34793	1.00877	1.05352	1.14784	.86119	.50481
.900	-2.354	.90285	.94114	.84687	.77659	.36230	.99967	1.05304	1.14754	.84910	.49082
.900	-1.843	.91377	.95208	.85930	.78965	.37696	.99089	1.05321	1.14779	.83743	.47800
.900	-1.326	.92392	.96274	.87127	.80203	.39112	.98158	1.05294	1.14786	.82475	.46424
.900	-.811	.93384	.97338	.88290	.81408	.40512	.97239	1.05246	1.14791	.81226	.45064
.900	-.303	.94374	.98371	.89461	.82625	.41961	.96314	1.05176	1.14769	.79978	.43744
.900	.189	.95246	.99329	.90507	.83768	.43224	.95367	1.05031	1.14684	.78683	.42376
.900	.691	.96260	1.00399	.91707	.85017	.44661	.94502	1.04650	1.14641	.77469	.41064
.900	1.181	.97173	1.01343	.92780	.86123	.46013	.93572	1.04557	1.14608	.76222	.39720
	GRADIENT	.02013	.02097	.02352	.02440	.02762	-.01767	-.00131	-.00045	-.02361	-.02655

RUN NO. 1510/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CP02
1.099	-6.983	.95711	.98703	.89122	.82265	.43804	1.20502	1.21470	1.28445	1.08507	.77845
1.100	-6.469	.96745	.99893	.90348	.83486	.45081	1.19794	1.21489	1.28456	1.07528	.76645
1.100	-5.966	.97757	1.01014	.91468	.84717	.46291	1.19061	1.21494	1.28462	1.06537	.75414
1.100	-5.464	.98706	1.02056	.92610	.85842	.47482	1.18290	1.21409	1.28383	1.05529	.74187
1.100	-4.962	.99795	1.03207	.93787	.87077	.48783	1.17610	1.21473	1.28460	1.04653	.73040
1.100	-4.465	1.00713	1.04206	.94831	.88137	.49957	1.16804	1.21382	1.28384	1.03661	.71825
1.100	-3.960	1.01586	1.05108	.95838	.89131	.51046	1.15932	1.21318	1.28336	1.02598	.70547
1.100	-3.455	1.02592	1.06151	.97001	.90364	.52315	1.15205	1.21280	1.28339	1.01640	.69363
1.100	-2.954	1.03598	1.07169	.98147	.91592	.53589	1.14411	1.21275	1.28376	1.00621	.68141
1.100	-2.451	1.04576	1.08111	.99316	.92725	.54864	1.13623	1.21236	1.28375	.99581	.66946
1.100	-1.947	1.05479	1.09050	1.00376	.93839	.56165	1.12788	1.21149	1.28323	.98482	.65748
1.100	-1.446	1.06413	1.10011	1.01460	.94957	.57407	1.11986	1.21102	1.28336	.97397	.64553
1.100	-.940	1.07298	1.10976	1.02512	.96064	.58675	1.11199	1.21036	1.28320	.96335	.63400
1.100	-.445	1.08080	1.11807	1.03456	.97054	.59821	1.10297	1.20918	1.28270	.95156	.62129
1.100	.045	1.08952	1.12756	1.04516	.98167	.61081	1.09523	1.20857	1.28283	.94089	.60951
1.100	.556	1.09819	1.13666	1.05551	.99281	.62364	1.08650	1.20771	1.28258	.92918	.59745
1.100	1.060	1.10653	1.14560	1.06552	1.00320	.63585	1.07758	1.20685	1.28255	.91747	.58475
	GRADIENT	.01816	.01889	.02137	.02218	.02477	-.01624	-.00124	-.00027	-.02148	-.02406

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

(RCM053) (03 OCT 91)

PARAMETRIC DATA

BETA = 2.000 PHI = 180.000

RUN NO. 1526/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
1.250	-6.957	1.02484	1.06009	.96138	.89098	.50656	1.27969	1.24267	1.30756	1.15273	.84128
1.250	-6.440	1.03479	1.07134	.97301	.90298	.51861	1.27166	1.24355	1.30763	1.14145	.82834
1.250	-5.934	1.04534	1.08310	.98485	.91569	.53157	1.26438	1.24439	1.30805	1.13162	.81651
1.250	-5.430	1.05525	1.09370	.99583	.92671	.54314	1.25607	1.24518	1.30816	1.12163	.80407
1.250	-4.925	1.06489	1.10394	1.00689	.93803	.55533	1.24636	1.24467	1.30737	1.11122	.79139
1.250	-4.420	1.07462	1.11432	1.01805	.96742	.56742	1.23795	1.24500	1.30722	1.10193	.78010
1.250	-3.916	1.08452	1.12371	1.02936	.96101	.57958	1.23012	1.24546	1.30756	1.09225	.76819
1.250	-3.403	1.09387	1.13333	1.04058	.97279	.59184	1.22111	1.24536	1.30720	1.08146	.75595
1.250	-2.896	1.10357	1.14292	1.05162	.98397	.60388	1.21251	1.24486	1.30662	1.07032	.74332
1.250	-2.387	1.11397	1.15377	1.06343	.99589	.61696	1.20474	1.24513	1.30685	1.05993	.73179
1.250	-1.874	1.12345	1.16376	1.07436	1.00726	.62946	1.19657	1.24503	1.30683	1.04873	.71966
1.250	-1.365	1.13247	1.17314	1.08478	1.01803	.64206	1.18768	1.24381	1.30566	1.03679	.70749
1.250	-.853	1.14231	1.18338	1.09610	1.02975	.65525	1.17996	1.24344	1.30544	1.02619	.69636
1.250	-.349	1.15194	1.19350	1.10715	1.04147	.66799	1.17218	1.24428	1.30657	1.01497	.68470
1.250	.139	1.16013	1.20258	1.11721	1.05218	.67968	1.16329	1.24338	1.30596	1.00302	.67276
1.250	.644	1.16830	1.21089	1.12708	1.06245	.69144	1.15408	1.24251	1.30561	.99088	.66079
1.250	1.138	1.17830	1.22118	1.13823	1.07390	.70391	1.14624	1.24098	1.30452	.98016	.64968
GRADIENT		.01868	.01934	.02164	.02241	.02461	-.01645	-.00054	-.00040	-.02179	-.02344

RUN NO. 1543/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
1.400	-6.961	1.03143	1.08514	.97723	.90485	.51847	1.31335	1.37560	1.39349	1.17716	.86017
1.400	-6.443	1.04213	1.09750	.99010	.91807	.53084	1.30467	1.37418	1.39235	1.16673	.84794
1.400	-5.938	1.05263	1.10880	1.00253	.93017	.54257	1.29514	1.37443	1.39314	1.15594	.83555
1.400	-5.435	1.06178	1.11954	1.01382	.94155	.55401	1.28447	1.37318	1.39238	1.14426	.82234
1.400	-4.931	1.07273	1.13125	1.02576	.95392	.56640	1.27559	1.37199	1.39170	1.13408	.81046
1.400	-4.431	1.08295	1.14135	1.03736	.96599	.57830	1.26650	1.37185	1.39203	1.12324	.79830
1.400	-3.920	1.09256	1.15141	1.04895	.97768	.58998	1.25618	1.36992	1.39098	1.11192	.78550
1.400	-3.416	1.10378	1.16279	1.06129	.99018	.60251	1.24701	1.36919	1.39073	1.10069	.77288
1.400	-2.903	1.11504	1.17391	1.07361	1.00273	.61517	1.23747	1.36901	1.39165	1.08923	.76021
1.400	-2.397	1.12434	1.18369	1.08439	1.01377	.62582	1.22616	1.36692	1.39044	1.07623	.74634
1.400	-1.890	1.13532	1.19524	1.09708	1.02671	.64029	1.21704	1.36535	1.38983	1.06508	.73455
1.400	-1.377	1.14602	1.20573	1.10857	1.03815	.65337	1.20796	1.36518	1.39059	1.05295	.72243
1.400	-.867	1.15513	1.21582	1.11929	1.04935	.66559	1.19790	1.36320	1.38959	1.04034	.70995
1.400	-.364	1.16549	1.22659	1.13104	1.06140	.67846	1.18882	1.36186	1.38971	1.02804	.69752
1.400	.127	1.17480	1.23711	1.14244	1.07341	.69098	1.17925	1.36055	1.38974	1.01563	.68566
1.400	.630	1.18434	1.24713	1.15379	1.08537	.70387	1.16959	1.35786	1.38832	1.00280	.67357
1.400	1.128	1.19459	1.25746	1.16518	1.09709	.71654	1.16061	1.35721	1.38906	.99052	.66183
GRADIENT		.02013	.02092	.02259	.02357	.02484	-.01905	-.00251	-.00050	-.02375	-.02460

(RCM053) (03 OCT 91)

IA310 (AEDC 16TF-783) PROBE CALIBRATION

PARAMETRIC DATA

BETA = 2.000 PHI = 180.000

RUN NO. 1560/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
1.450	-6.926	1.01752	1.08746	.97872	.90721	.52291	1.31289	1.28548	1.34168	1.17894	.86651
1.450	-6.412	1.02659	1.09850	.99062	.91963	.53388	1.30134	1.28473	1.34015	1.16790	.85363
1.450	-5.899	1.03602	1.10941	1.00236	.93141	.54496	1.29040	1.28604	1.34080	1.15646	.84020
1.450	-5.393	1.04693	1.12198	1.01534	.94474	.55769	1.27972	1.28563	1.33994	1.14601	.82853
1.449	-4.889	1.05774	1.13093	1.02569	.95538	.56860	1.26780	1.28550	1.33933	1.13384	.81481
1.449	-4.381	1.06708	1.14216	1.03797	.96740	.58099	1.25912	1.28741	1.34087	1.12333	.80236
1.450	-3.867	1.07716	1.15401	1.05058	.97958	.59360	1.24883	1.28639	1.33953	1.11253	.79045
1.450	-3.354	1.08813	1.16471	1.06201	.99062	.60523	1.23764	1.28661	1.33955	1.09960	.77658
1.450	-2.838	1.09780	1.17576	1.07389	1.00259	.61781	1.22527	1.28631	1.33915	1.08729	.76288
1.450	-2.321	1.10994	1.18791	1.08721	1.01596	.63160	1.21555	1.28649	1.33920	1.07642	.75143
1.450	-1.801	1.12043	1.19812	1.09851	1.02827	.64502	1.20474	1.28696	1.33976	1.06415	.73886
1.450	-1.283	1.13021	1.20845	1.10972	1.03991	.65781	1.19343	1.28527	1.33812	1.05121	.72588
1.449	-.763	1.14100	1.21909	1.12102	1.05149	.67016	1.18374	1.28594	1.33899	1.03785	.71280
1.451	-.252	1.15286	1.23132	1.13427	1.06500	.68445	1.17505	1.28584	1.33908	1.02525	.70082
1.450	.240	1.16295	1.24198	1.14615	1.07708	.69588	1.16515	1.28520	1.33864	1.01144	.68717
1.449	.738	1.17237	1.25264	1.15799	1.08885	.70836	1.15426	1.28361	1.33746	.99869	.67464
1.450	1.223	1.18320	1.26308	1.16975	1.10100	.72150	1.14542	1.28410	1.33835	.98702	.66318
GRADIENT		.02077	.02151	.02339	.02378	.02502	-.02024	-.00039	-.00031	-.02420	-.02484

RUN NO. 1645/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
1.470	-6.935	.98092	1.06884	.95887	.88832	.50934	1.28206	1.30182	1.33944	1.16056	.84790
1.470	-6.417	.99186	1.08089	.97215	.90155	.52119	1.27234	1.30364	1.34087	1.14940	.83625
1.470	-5.911	.99862	1.09118	.98326	.91250	.53181	1.25869	1.30233	1.33920	1.13558	.82152
1.471	-5.403	1.01095	1.10380	.99596	.92536	.54406	1.25006	1.30333	1.34000	1.12497	.80917
1.470	-4.897	1.01969	1.11433	1.00758	.93677	.55535	1.23694	1.30341	1.33997	1.11293	.79591
1.484	-4.389	1.02989	1.12518	1.01957	.94894	.56709	1.22567	1.30371	1.34028	1.10179	.78376
1.485	-3.881	1.03996	1.13613	1.03139	.96086	.57928	1.21362	1.30311	1.33968	1.09065	.77132
1.484	-3.365	1.05051	1.14719	1.04292	.97252	.59131	1.20214	1.30274	1.33938	1.07822	.75847
1.484	-2.855	1.06202	1.15862	1.05566	.98536	.60424	1.19159	1.30129	1.33812	1.06613	.74541
1.484	-2.336	1.07253	1.16863	1.06691	.99666	.61634	1.17993	1.30139	1.33846	1.05286	.73188
1.484	-1.821	1.08334	1.17910	1.07884	1.00896	.62943	1.16860	1.30104	1.33906	1.04064	.71962
1.471	-1.304	1.09439	1.19075	1.09153	1.02209	.64339	1.15834	1.30119	1.33843	1.02900	.70764
1.470	-.785	1.10436	1.20166	1.10306	1.03450	.65577	1.14748	1.29957	1.33808	1.01633	.69480
1.469	-.274	1.11449	1.21102	1.11377	1.04569	.66654	1.13633	1.29863	1.33767	1.00262	.68117
1.470	.219	1.12608	1.22278	1.12661	1.05876	.68027	1.12798	1.29897	1.33875	.99166	.67029
1.470	.719	1.13482	1.23155	1.13612	1.06870	.69213	1.11640	1.29628	1.33682	.97776	.65705
1.470	1.206	1.14670	1.24249	1.14797	1.08090	.70614	1.10826	1.29618	1.33749	.96665	.64619
GRADIENT		.02075	.02094	.02299	.02364	.02462	-.02117	-.00121	-.00043	-.02413	-.02466

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

(RCM053) (03 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	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
1.493	-6.939	.92675	1.06099	.95091	.88193	.50844	1.24392	1.26365	1.33541	1.15129	.84115
1.493	-6.426	.93292	1.07330	.96412	.89475	.51869	1.22807	1.26491	1.33593	1.13945	.82846
1.493	-5.914	.93854	1.08496	.97607	.90667	.52873	1.21337	1.26448	1.33485	1.12736	.81535
1.493	-5.410	.94273	1.09716	.98845	.91892	.53970	1.19773	1.26571	1.33553	1.11652	.80319
1.493	-4.904	.94478	1.10822	1.00009	.93033	.55034	1.17797	1.26559	1.33494	1.10420	.79039
1.493	-4.395	.95020	1.12054	1.01271	.94292	.56225	1.16097	1.26705	1.33602	1.09349	.77857
1.493	-3.887	.95622	1.13123	1.02350	.95380	.57330	1.14402	1.26708	1.33576	1.08120	.76580
1.493	-3.373	.96170	1.14259	1.03462	.96508	.58491	1.12636	1.26730	1.33579	1.06814	.75218
1.493	-2.863	.96718	1.15410	1.04664	.97728	.59711	1.10905	1.26726	1.33565	1.05558	.73887
1.493	-2.350	.97116	1.16413	1.05762	.98843	.60885	1.08987	1.26465	1.33297	1.04193	.72543
1.493	-1.832	.97579	1.17634	1.07101	1.00207	.62290	1.07175	1.26436	1.33261	1.03067	.71418
1.493	-1.314	.98478	1.18655	1.08313	1.01427	.63587	1.05119	1.26412	1.33253	1.01835	.70236
1.493	-.797	.99410	1.19641	1.09439	1.02575	.64873	1.04344	1.26455	1.33316	1.00607	.69092
1.493	-.289	1.00160	1.20558	1.10491	1.03678	.66136	1.02760	1.26422	1.33316	.99293	.67878
1.493	.202	1.01581	1.21558	1.11604	1.04831	.67420	1.01885	1.26470	1.33405	.98106	.66773
1.493	.705	1.02786	1.22532	1.12679	1.05947	.68674	1.00767	1.26441	1.33439	.96892	.65642
1.493	1.192	1.04127	1.23530	1.13752	1.07095	.69932	.99842	1.26462	1.33510	.95688	.64480
	GRADIENT	.01498	.02067	.02259	.02307	.02455	-.03022	-.00047	-.00030	-.02429	-.02386

RUN NO. 1611/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
1.516	-6.939	.78921	1.06299	.95266	.88456	.50960	1.15102	1.27089	1.32193	1.15390	.84743
1.516	-6.422	.78619	1.07469	.96425	.89602	.52094	1.12422	1.26970	1.32005	1.14131	.83341
1.516	-5.914	.77946	1.08855	.97778	.90926	.53326	1.09519	1.27138	1.32113	1.13101	.82203
1.516	-5.410	.78681	1.10156	.98990	.92125	.54411	1.07492	1.27278	1.32205	1.11977	.80899
1.516	-4.897	.79055	1.11457	1.00169	.93283	.55465	1.05098	1.27418	1.32310	1.10859	.79585
1.516	-4.396	.79706	1.12673	1.01372	.94458	.56538	1.03205	1.27522	1.32384	1.09714	.78273
1.516	-3.887	.78963	1.13859	1.02543	.95635	.57663	1.00357	1.27622	1.32464	1.08613	.76997
1.516	-3.378	.78987	1.14969	1.03668	.96791	.58801	.97917	1.27604	1.32428	1.07342	.75633
1.516	-2.863	.79493	1.16136	1.04889	.98023	.60048	.95785	1.27605	1.32425	1.06103	.74319
1.516	-2.346	.80095	1.17240	1.05973	.99128	.61250	.93605	1.27560	1.32378	1.04772	.72996
1.517	-1.834	.81007	1.18439	1.07235	1.00390	.62589	.91663	1.27496	1.32327	1.03477	.71775
1.516	-1.314	.82121	1.19502	1.08410	1.01555	.63816	.89944	1.27365	1.32203	1.02071	.70479
1.517	-.799	.83513	1.20698	1.09802	1.02962	.65232	.88606	1.27201	1.32057	1.00774	.69328
1.516	-.288	.84679	1.21739	1.11036	1.04201	.66436	.87076	1.26994	1.31864	.99286	.68029
1.516	.203	.86399	1.22915	1.12419	1.05558	.67809	.86158	1.27202	1.32169	.98101	.66966
1.517	.704	.87527	1.23831	1.13527	1.06688	.69014	.84870	1.27271	1.32269	.96625	.65754
1.516	1.195	.88858	1.24759	1.14630	1.07824	.70205	.83808	1.27098	1.32135	.95307	.64676
	GRADIENT	.01666	.02192	.02385	.02398	.02447	-.03521	-.00083	-.00059	-.02567	-.02450

25

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(RCM053) (03 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	CPB	CPC1	CPC2	CPC3	CPC01	CPU	CPC4	CPC5	CPC6	CPO2
1.542	-6.938	.61815	1.07092	.95582	.88651	.50770	.96182	1.28071	1.28936	1.15282	.84748
1.541	-6.426	.63236	1.08164	.96782	.89761	.51922	.94032	1.27795	1.28593	1.13947	.83360
1.540	-5.921	.64581	1.09194	.97976	.90861	.52962	.92198	1.27535	1.28271	1.12629	.81943
1.541	-5.410	.66107	1.10341	.99402	.92194	.54186	.90629	1.27856	1.28440	1.11516	.80719
1.542	-4.902	.67512	1.11329	1.00734	.93462	.55359	.89288	1.28230	1.28795	1.10434	.79517
1.542	-4.395	.68930	1.12195	1.01940	.94592	.56418	.88039	1.28377	1.28910	1.09209	.78211
1.542	-3.887	.70666	1.13065	1.03250	.95830	.57547	.87132	1.28364	1.28882	1.08034	.76973
1.542	-3.373	.72465	1.13728	1.04426	.96929	.58605	.86540	1.28212	1.28712	1.06712	.75591
1.542	-2.863	.75234	1.13932	1.05801	.98225	.59844	.86870	1.28094	1.28580	1.05421	.74309
1.542	-2.350	.79974	1.11657	1.07172	.99535	.61045	.89175	1.27962	1.28432	1.04160	.73036
1.542	-1.828	.83919	1.10851	1.08368	1.00774	.62259	.90861	1.27841	1.28294	1.02882	.71764
1.542	-1.314	.86366	1.12007	1.09511	1.01934	.63393	.91389	1.27701	1.28118	1.01541	.70447
1.542	-.796	.88224	1.14074	1.10702	1.03098	.64617	.91459	1.27653	1.28041	1.00282	.69234
1.542	-.288	.89958	1.17134	1.11970	1.04338	.65938	.91425	1.27725	1.28077	.99073	.68126
1.542	.204	.91350	1.20441	1.13175	1.05540	.67222	.91138	1.27883	1.28247	.97847	.67084
1.542	.705	.92511	1.24279	1.14263	1.06691	.68515	.90540	1.27868	1.28273	.96594	.66041
1.542	1.194	.93528	1.27896	1.15363	1.07842	.69833	.89891	1.27856	1.28335	.95458	.65095
1.542	GRADIENT	.04760	.02146	.02411	.02369	.02368	.00630	-.00101	-.00127	-.02471	-.02392

IA310 (AEDC 16TF-783) PROBE CALIBRATION (RCM054) (03 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	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
.600	-6.906	.68827	.68827	.58743	.51329	.10355	.94927	.90739	.89341	.82653	.48881
.599	-6.393	.66653	.70112	.60147	.52737	.11793	.94039	.90725	.89259	.81514	.47450
.599	-5.888	.67939	.71450	.61554	.54163	.13169	.93244	.90823	.89307	.80422	.46068
.600	-5.376	.69132	.72692	.62929	.55554	.14636	.92263	.90734	.89165	.79243	.44753
.599	-4.867	.70415	.74038	.64296	.57009	.15942	.91363	.90958	.89352	.78089	.43222
.600	-4.359	.71605	.75292	.65641	.58392	.17444	.90391	.90875	.89236	.76933	.41901
.600	-3.844	.72766	.76537	.66930	.59722	.18739	.89465	.90891	.89245	.75759	.40446
.600	-3.328	.74107	.77883	.68415	.61241	.20408	.88669	.90917	.89254	.74658	.39266
.600	-2.814	.75179	.79034	.69658	.62536	.21766	.87609	.90812	.89154	.73335	.37759
.600	-2.295	.76396	.80284	.70980	.63904	.23215	.86661	.90950	.89296	.72019	.36166
.600	-1.781	.77669	.81536	.72394	.65369	.24854	.85735	.90889	.89263	.70785	.34828
.600	-1.259	.78840	.82722	.73714	.66737	.26348	.84743	.90861	.89267	.69506	.33441
.601	- .743	.79926	.83780	.74971	.68051	.27868	.83680	.90748	.89194	.68104	.32012
.600	- .235	.81053	.84979	.76313	.69415	.29350	.82780	.90764	.89271	.66843	.30647
.600	.258	.82137	.86114	.77564	.70687	.30779	.81885	.90753	.89327	.65586	.29328
.600	.760	.83070	.87065	.78662	.71857	.32163	.80803	.90474	.89132	.64185	.27973
.600	1.250	.84200	.88183	.79866	.73099	.33502	.79982	.90551	.89295	.62875	.26626
.600	GRADIENT	.02258	.02311	.02556	.02642	.02891	-.01868	-.00061	-.00005	-.02491	-.02724

RUN NO. 1471/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
.800	-6.935	.73781	.77119	.66721	.59228	.16405	1.02157	1.04296	1.07705	.89736	.55336
.800	-6.421	.75025	.78407	.68086	.60684	.17886	1.01384	1.04267	1.07694	.88663	.53993
.800	-5.912	.76208	.79657	.69453	.62048	.19306	1.00514	1.04263	1.07700	.87522	.52578
.800	-5.407	.77423	.80917	.70807	.63425	.20712	.99654	1.04250	1.07708	.86411	.51175
.800	-4.902	.78572	.82142	.72094	.64807	.22128	.98741	1.04149	1.07640	.85285	.49814
.801	-4.395	.79778	.83403	.73475	.66206	.23686	.97894	1.04133	1.07664	.84232	.48521
.800	-3.886	.80850	.84552	.74721	.67404	.25009	.96953	1.04043	1.07626	.83066	.47082
.800	-3.379	.81938	.85682	.75976	.68689	.26420	.96033	1.03959	1.07610	.81877	.45673
.800	-2.896	.83137	.86934	.77348	.70134	.28028	.95216	1.03898	1.07605	.80808	.44370
.800	-2.354	.84201	.88055	.78578	.71417	.29519	.94278	1.03788	1.07582	.79520	.42885
.800	-1.841	.85323	.89244	.79901	.72787	.31044	.93320	1.03718	1.07595	.78270	.41490
.800	-1.332	.86364	.90321	.81119	.74101	.32453	.92368	1.03586	1.07550	.76987	.40035
.800	- .819	.87458	.91437	.82335	.75400	.33907	.91451	1.03481	1.07531	.75709	.38630
.800	- .312	.88503	.92554	.83565	.76682	.35375	.90529	1.03403	1.07566	.74413	.37241
.800	.177	.89515	.93678	.84825	.77959	.36895	.89582	1.03227	1.07534	.73157	.35966
.800	.686	.90417	.94603	.85868	.79056	.38217	.88525	1.03029	1.07456	.71719	.34452
.800	1.179	.91433	.95606	.87009	.80255	.39640	.87559	1.02875	1.07456	.70378	.33063
.800	GRADIENT	.02113	.02218	.02455	.02555	.02884	-.01831	-.00207	-.00030	-.02451	-.02756

(RCM054) (03 OCT 91)

IA310 (AEDC 16TF-783) PROBE CALIBRATION

PARAMETRIC DATA

BETA = 2.500 PHI = 180.000

RUN NO. 1505/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
.897	-6.924	.79763	.83034	.72807	.65416	.23334	1.07001	1.14202	1.16074	.94680	.60825
.901	-6.413	.81417	.84714	.74594	.67248	.25212	1.06707	1.14502	1.16415	.94090	.59988
.900	-5.901	.82348	.85725	.75738	.68386	.26451	1.05683	1.14674	1.16679	.92790	.58482
.900	-5.397	.83350	.86823	.76862	.69643	.27682	1.04747	1.14518	1.16606	.91623	.57045
.899	-4.892	.84419	.87999	.78107	.70923	.29023	1.03820	1.14170	1.16356	.90509	.55679
.900	-4.384	.85645	.89240	.79462	.72296	.30489	1.03053	1.13919	1.16193	.89548	.54457
.900	-3.879	.86798	.90437	.80744	.73601	.31869	1.02274	1.13940	1.16322	.88536	.53137
.901	-3.364	.87978	.91679	.82091	.74984	.33391	1.01563	1.14123	1.16613	.87524	.51902
.900	-2.856	.88835	.92603	.83129	.76052	.34766	1.00462	1.14089	1.16690	.86177	.50389
.899	-2.344	.89848	.93662	.84327	.77296	.36043	.99502	1.13782	1.16511	.84918	.48929
.900	-1.830	.90979	.94818	.85639	.78653	.37589	.98634	1.13542	1.16402	.83760	.47666
.900	-1.314	.91961	.95886	.86822	.79907	.39015	.97735	1.13347	1.16335	.82534	.46339
.900	-.805	.93032	.96981	.88034	.81162	.40448	.96875	1.13237	1.16373	.81303	.44979
.900	-.296	.93980	.98031	.89189	.82370	.41783	.95947	1.13030	1.16311	.80056	.43615
.900	.193	.94915	.99033	.90294	.83532	.43147	.95035	1.12855	1.16287	.78783	.42268
.900	.699	.95899	1.00033	.91429	.84722	.44550	.94132	1.12688	1.16302	.77527	.40944
.900	1.191	.96866	1.01038	.92561	.85903	.45965	.93235	1.12498	1.16293	.76274	.39661
	GRADIENT	.02020	.02125	.02360	.02450	.02775	-.01760	-.00280	-.00018	-.02367	-.02652

RUN NO. 1511/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
1.099	-6.976	.95331	.98370	.88834	.81949	.43656	1.20117	1.20373	1.28063	1.08515	.77656
1.100	-6.465	.96432	.99542	.90101	.83235	.45000	1.19463	1.20453	1.28126	1.07602	.76510
1.100	-5.962	.97384	1.00582	.91254	.84379	.46186	1.18693	1.20416	1.28078	1.06597	.75273
1.100	-5.457	.98396	1.01658	.92372	.85614	.47411	1.17962	1.20418	1.28089	1.05625	.74068
1.100	-4.961	.99418	1.02760	.93516	.86781	.48673	1.17193	1.20385	1.28071	1.04681	.72828
1.100	-4.461	1.00392	1.03803	.94631	.87920	.49854	1.16466	1.20378	1.28082	1.03736	.71660
1.100	-3.954	1.01331	1.04768	.95685	.88999	.51034	1.15629	1.20309	1.28022	1.02718	.70442
1.100	-3.449	1.02231	1.05729	.96747	.90090	.52198	1.14800	1.20246	1.27974	1.01686	.69206
1.100	-2.948	1.03192	1.06723	.97859	.91275	.53436	1.14007	1.20216	1.27969	1.00657	.68010
1.100	-2.443	1.04156	1.07731	.98999	.92466	.54736	1.13196	1.20184	1.27973	.99604	.66837
1.100	-1.943	1.05149	1.08739	1.00152	.93613	.56031	1.12421	1.20123	1.27982	.98544	.65647
1.100	-1.441	1.05995	1.09637	1.01168	.94686	.57254	1.11551	1.20013	1.27930	.97416	.64418
1.100	-.939	1.06878	1.10578	1.02193	.95761	.58495	1.10749	1.19970	1.27943	.96305	.63200
1.100	-.442	1.07774	1.11536	1.03266	.96871	.59755	1.09929	1.19859	1.27901	.95186	.61961
1.100	.050	1.08560	1.12379	1.04227	.97880	.60934	1.09053	1.19177	1.27728	.94074	.60764
1.100	.562	1.09428	1.13312	1.05259	.98997	.62187	1.08223	1.19122	1.27742	.92908	.59573
1.100	1.063	1.10233	1.14156	1.06226	1.00015	.63397	1.07310	1.18981	1.27673	.91707	.58304
	GRADIENT	.01805	.01899	.02124	.02211	.02463	-.01638	-.00230	-.00061	-.02158	-.02410

(RCM054) (03 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	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
1.250	-6.945	1.02104	1.05607	.95805	.88768	.50519	1.27513	1.23880	1.30387	1.15279	.83891
1.250	-6.431	1.03135	1.06721	.97028	.89979	.51749	1.26799	1.23871	1.30315	1.14233	.82690
1.250	-5.924	1.04207	1.07873	.98240	.91246	.53019	1.26105	1.23995	1.30381	1.13244	.81528
1.250	-5.417	1.05188	1.08976	.99331	.92457	.54239	1.25266	1.24022	1.30360	1.12244	.80282
1.249	-4.916	1.06176	1.10003	1.00463	.93551	.55450	1.24367	1.24049	1.30356	1.11214	.79030
1.250	-4.408	1.07171	1.11033	1.01590	.94700	.56661	1.23475	1.24097	1.30375	1.10237	.77837
1.250	-3.898	1.08072	1.12003	1.02686	.95835	.57880	1.22566	1.24074	1.30323	1.09243	.76642
1.250	-3.391	1.09036	1.12953	1.03776	.97007	.59037	1.21704	1.24054	1.30287	1.08177	.75398
1.250	-2.882	1.10065	1.14009	1.04979	.98230	.60334	1.20936	1.24066	1.30286	1.07156	.74287
1.250	-2.372	1.11066	1.15037	1.06112	.99386	.61619	1.20135	1.24126	1.30342	1.06061	.73105
1.250	-1.868	1.11888	1.15938	1.07093	1.00408	.62779	1.19139	1.23978	1.30197	1.04811	.71790
1.250	-1.356	1.12976	1.17057	1.08311	1.01650	.64156	1.18465	1.23933	1.30166	1.03815	.70721
1.250	-.848	1.13889	1.18015	1.09359	1.02744	.65384	1.17603	1.23955	1.30208	1.02635	.69469
1.250	-.343	1.14781	1.18989	1.10426	1.03631	.66631	1.16757	1.23930	1.30213	1.01485	.68286
1.250	.146	1.15663	1.19910	1.11465	1.04966	.67845	1.15947	1.23920	1.30239	1.00358	.67153
1.250	.654	1.16473	1.20782	1.12433	1.05977	.68974	1.14982	1.23791	1.30157	.99094	.65891
1.250	1.149	1.17443	1.21698	1.13499	1.07081	.70223	1.14153	1.23740	1.30155	.97985	.64763
GRADIENT		.01859	.01940	.02155	.02236	.02448	-.01665	-.00052	-.00035	-.02193	-.02352

RUN NO. 1544/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
1.400	-6.953	1.02917	1.08196	.97555	.90258	.51811	1.31082	1.35072	1.38775	1.17834	.85919
1.400	-6.436	1.03863	1.09272	.98751	.91495	.52947	1.30038	1.35016	1.38736	1.16643	.84569
1.400	-5.929	1.04943	1.10479	.99966	.92791	.54126	1.29146	1.34876	1.38611	1.15644	.83373
1.400	-5.422	1.05860	1.11548	1.01103	.93911	.55290	1.28095	1.34937	1.38702	1.14479	.82062
1.400	-4.918	1.06960	1.12706	1.02359	.95156	.56560	1.27190	1.34794	1.38597	1.13459	.80858
1.400	-4.416	1.07940	1.13716	1.03468	.96364	.57706	1.26226	1.34825	1.38662	1.12359	.79607
1.400	-3.911	1.08921	1.14749	1.04634	.97525	.58906	1.25183	1.34628	1.38523	1.11173	.78292
1.400	-3.406	1.10072	1.15945	1.05937	.98848	.60205	1.24337	1.34644	1.38600	1.10147	.77169
1.400	-2.893	1.11103	1.16995	1.07095	1.00040	.61421	1.23312	1.34565	1.38581	1.08938	.75884
1.400	-2.387	1.12155	1.18096	1.08293	1.01277	.62881	1.22332	1.34442	1.38520	1.07720	.74621
1.400	-1.880	1.13235	1.19227	1.09524	1.02524	.63983	1.21367	1.34332	1.38471	1.06519	.73372
1.400	-1.366	1.14270	1.20283	1.10672	1.03661	.65267	1.20400	1.34261	1.38512	1.05312	.72124
1.400	-.863	1.15215	1.21249	1.11725	1.04750	.66454	1.19403	1.34163	1.38508	1.04021	.70829
1.400	-.359	1.16207	1.22308	1.12872	1.05933	.67767	1.18449	1.33907	1.38357	1.02842	.69635
1.399	.132	1.17194	1.23312	1.13980	1.07085	.68996	1.17546	1.33858	1.38415	1.01618	.68452
1.400	.639	1.18123	1.24310	1.15078	1.08254	.70285	1.16559	1.33777	1.38453	1.00320	.67204
1.400	1.134	1.19119	1.25296	1.16191	1.09416	.71547	1.15620	1.33490	1.38282	.99075	.66044
GRADIENT		.02019	.02094	.02293	.02352	.02484	-.01911	-.00210	-.00046	-.02380	-.02451

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(RCM054) (03 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	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
1.450	-6.907	1.01413	0.9320	.97637	.90401	.52206	1.30856	1.28268	1.33734	1.17887	.86447
1.450	-6.392	1.02241	1.09321	.98706	.91593	.53216	1.29621	1.28303	1.33677	1.16668	.85056
1.450	-5.882	1.03436	1.10693	1.00069	.93047	.54520	1.28824	1.28315	1.33643	1.15772	.83953
1.450	-5.371	1.04347	1.11701	1.01194	.94167	.55649	1.27560	1.28439	1.33704	1.14616	.82604
1.450	-4.869	1.05403	1.12855	1.02473	.95463	.56930	1.26466	1.28475	1.33698	1.13512	.81348
1.449	-4.360	1.06343	1.13809	1.03557	.96537	.58038	1.25391	1.28387	1.33572	1.12319	.79980
1.450	-3.846	1.07435	1.15019	1.04839	.97774	.59313	1.24462	1.28491	1.33667	1.11249	.78774
1.450	-3.331	1.08483	1.16156	1.06033	.98936	.60520	1.23360	1.28445	1.33591	1.10059	.77537
1.450	-2.816	1.09600	1.17347	1.07300	1.00197	.61826	1.22311	1.28485	1.33621	1.08890	.76294
1.450	-2.304	1.10665	1.18415	1.08463	1.01376	.63057	1.21195	1.28429	1.33560	1.07580	.74979
1.450	-1.784	1.11661	1.19482	1.09624	1.02620	.64401	1.20039	1.28407	1.33542	1.06296	.73673
1.449	-1.267	1.12771	1.20520	1.10757	1.03795	.65654	1.19044	1.28340	1.33494	1.05025	.72405
1.451	-.755	1.13849	1.21623	1.11933	1.05008	.66990	1.18051	1.28303	1.33476	1.03768	.71155
1.450	-.246	1.14941	1.22715	1.13140	1.06251	.68338	1.17102	1.28304	1.33507	1.02531	.69912
1.450	.245	1.15931	1.23748	1.14299	1.07462	.69550	1.16093	1.28269	1.33513	1.01256	.68632
1.450	.749	1.17037	1.24853	1.15523	1.08715	.70838	1.15157	1.28193	1.33487	1.00064	.67441
1.450	1.238	1.18093	1.25849	1.16639	1.09858	.72106	1.14210	1.28200	1.33538	.98788	.66229
GRADIENT		.02082	.02134	.02318	.02366	.02499	-.02018	-.00047	-.00028	-.02420	-.02471

RUN NO. 1646/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
1.470	-6.918	.97790	1.06418	.95642	.88536	.50788	1.27854	1.29297	1.33540	1.16092	.84577
1.471	-6.398	.98907	1.07717	.96982	.89952	.52060	1.26884	1.29493	1.33695	1.15042	.83459
1.470	-5.895	.99612	1.08711	.98012	.91011	.53080	1.25516	1.29423	1.33592	1.13643	.81977
1.470	-5.385	1.00747	1.09877	.99290	.92258	.54295	1.24608	1.29488	1.33631	1.12548	.80759
1.470	-4.881	1.01751	1.11011	1.00506	.93479	.55474	1.23413	1.29461	1.33589	1.11357	.79394
1.470	-4.369	1.02760	1.12143	1.01765	.94735	.56682	1.22224	1.29525	1.33647	1.10214	.78097
1.471	-3.862	1.03810	1.13290	1.03013	.95990	.57966	1.21080	1.29569	1.33697	1.09186	.76965
1.470	-3.347	1.04758	1.14295	1.04078	.97084	.59097	1.19898	1.29346	1.33475	1.07917	.75645
1.470	-2.830	1.05824	1.15486	1.05331	.98337	.60393	1.18791	1.29401	1.33551	1.06665	.74410
1.470	-2.320	1.06953	1.16560	1.06501	.99518	.61606	1.17696	1.29359	1.33533	1.05324	.73066
1.484	-1.804	1.08018	1.17528	1.07619	1.00661	.62836	1.16528	1.29249	1.33467	1.03955	.71679
1.484	-1.291	1.09219	1.18739	1.08950	1.02025	.64192	1.15578	1.29249	1.33512	1.02830	.70530
1.484	-.777	1.10181	1.19682	1.10013	1.03135	.65397	1.14404	1.29043	1.33350	1.01553	.69214
1.470	-.267	1.11296	1.20792	1.11202	1.04429	.66636	1.13429	1.29108	1.33478	1.00357	.68032
1.484	.225	1.12221	1.21789	1.12287	1.05539	.67780	1.12335	1.28936	1.33368	.99092	.66768
1.470	.728	1.13389	1.22950	1.13529	1.06823	.69168	1.11506	1.28895	1.33399	.97960	.65679
1.484	1.219	1.14336	1.23830	1.14496	1.07820	.70358	1.10467	1.28768	1.33354	.96623	.64387
GRADIENT		.02078	.02101	.02295	.02358	.02437	-.02118	-.00122	-.00047	-.02420	-.02464

(RCM054) (03 OCT 91)

PARAMETRIC DATA

BETA = 2.500 PHI = 180.000

RUN NO. 1596/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
1.492	-6.926	.92457	1.05646	.94812	.87901	.50706	1.24027	1.25900	1.32969	1.15113	.83840
1.493	-6.404	.93049	1.06930	.96069	.89216	.51776	1.22529	1.25984	1.32982	1.13978	.82630
1.493	-5.902	.93777	1.08032	.97274	.90399	.52767	1.21087	1.25942	1.32875	1.12768	.81330
1.493	-5.392	.94173	1.09169	.98480	.91575	.53835	1.19520	1.25983	1.32869	1.11648	.80045
1.493	-4.888	.94616	1.10400	.99773	.92847	.55007	1.17789	1.26034	1.32873	1.10528	.78840
1.493	-4.378	.94953	1.11576	1.00998	.94056	.56160	1.15897	1.26053	1.32852	1.09383	.77603
1.493	-3.865	.95334	1.12551	1.01987	.95063	.57166	1.14017	1.25988	1.32764	1.08045	.76213
1.493	-3.357	.96075	1.13777	1.03246	.96343	.58453	1.12444	1.26059	1.32812	1.06913	.75057
1.493	-2.844	.96756	1.14905	1.04415	.97515	.59638	1.10821	1.26035	1.32765	1.05642	.73779
1.493	-2.331	.97540	1.16121	1.05705	.98803	.60975	1.09268	1.25996	1.32730	1.04429	.72594
1.493	-1.818	.98133	1.17236	1.06916	1.00037	.62244	1.07542	1.26408	1.33159	1.03137	.71325
1.493	-1.301	.98859	1.18387	1.08170	1.01291	.63524	1.05949	1.26240	1.33014	1.01968	.70175
1.493	-.789	.99828	1.19310	1.09231	1.02368	.64762	1.04588	1.26407	1.33207	1.00648	.68944
1.493	-.283	1.00676	1.20218	1.10260	1.03445	.65983	1.03146	1.25982	1.32797	.99323	.67704
1.493	.208	1.01626	1.21267	1.11397	1.04623	.67259	1.01832	1.25864	1.32706	.98153	.66593
1.493	.716	1.02972	1.22302	1.12529	1.05790	.68548	1.00900	1.25837	1.32718	.96975	.65485
1.493	1.208	1.04619	1.23327	1.13625	1.06977	.69848	1.00287	1.25780	1.32712	.95827	.64368
GRADIENT		.01579	.02119	.02282	.02321	.02446	-.02940	-.00025	-.00008	-.02427	-.02374

RUN NO. 1612/ O RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
1.517	-6.923	.79272	1.05960	.95092	.88321	.50899	1.15258	1.26868	1.31945	1.15474	.84602
1.517	-6.409	.78820	1.07278	.96352	.89594	.52154	1.12596	1.27056	1.32075	1.14395	.83362
1.516	-5.899	.78062	1.08389	.97453	.90667	.53187	1.09536	1.27201	1.32171	1.13123	.82001
1.516	-5.391	.78809	1.09615	.98667	.91860	.54275	1.07502	1.27247	1.32178	1.11949	.80645
1.516	-4.890	.79265	1.10910	.99882	.93058	.55375	1.05232	1.27145	1.32040	1.10797	.79336
1.517	-4.378	.79539	1.12108	1.01077	.94216	.56431	1.02955	1.26971	1.31844	1.09681	.78042
1.517	-3.870	.79195	1.13259	1.02237	.95365	.57522	1.00322	1.26823	1.31666	1.08514	.76703
1.516	-3.357	.79468	1.14460	1.03477	.96632	.58778	.98215	1.26773	1.31602	1.07385	.75495
1.517	-2.844	.79419	1.15644	1.04699	.97869	.60033	.95620	1.27000	1.31827	1.06183	.74294
1.516	-2.331	.80437	1.16799	1.05881	.99061	.61286	1.27201	1.27201	1.32031	1.04877	.73001
1.516	-1.814	.81368	1.17935	1.07056	1.00248	.62566	.92062	1.27321	1.32166	1.03526	.71693
1.517	-1.300	.82164	1.18966	1.08166	1.01363	.63760	.90095	1.27223	1.32077	1.02114	.70381
1.516	-.788	.83230	1.20027	1.09352	1.02557	.65036	.88412	1.27044	1.31918	1.00683	.69080
1.517	-.282	.84684	1.21242	1.10776	1.04013	.66419	.87278	1.26946	1.31859	.99418	.67955
1.516	.209	.86020	1.22299	1.12042	1.05259	.66966	.86096	1.26774	1.31724	.98037	.66731
1.517	.714	.87212	1.23345	1.13269	1.06461	.68906	.84804	1.26660	1.31648	.96716	.65620
1.517	1.209	.88545	1.24330	1.14433	1.07652	.70145	.83643	1.26498	1.31539	.95420	.64546
GRADIENT		.01576	.02202	.02383	.02396	.02445	-.03542	-.00053	-.00029	-.02552	-.02442

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(RCM054) (03 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	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
1.541	-6.920	.61425	1.06864	.95180	.88253	.50589	.95927	1.27661	1.28194	1.15150	.84366
1.541	-6.406	.62858	1.08224	.96561	.89518	.51801	.93999	1.27720	1.28196	1.13993	.83140
1.541	-5.899	.64227	1.09497	.97832	.90731	.52988	.92194	1.27622	1.28062	1.12816	.81888
1.542	-5.391	.65775	1.10830	.99238	.92039	.54138	.90658	1.27760	1.28170	1.11685	.80662
1.541	-4.888	.66989	1.11885	1.00378	.93105	.55161	.88973	1.27597	1.27979	1.10330	.79197
1.541	-4.377	.68472	1.13148	1.01719	.94378	.56300	.87737	1.27639	1.28008	1.09216	.77963
1.541	-3.865	.69931	1.14245	1.02963	.95543	.57392	.86587	1.27653	1.28003	1.08008	.76702
1.541	-3.358	.71670	1.15523	1.04235	.96773	.58563	.85820	1.27749	1.28091	1.06856	.75500
1.541	-2.843	.73620	1.16670	1.05494	.97988	.59728	.85465	1.27952	1.28286	1.05545	.74234
1.541	-2.329	.76407	1.17442	1.06834	.99275	.60958	.85920	1.28140	1.28467	1.04263	.72990
1.541	-1.818	.80644	1.16378	1.08102	1.00431	.62067	.87798	1.27933	1.28266	1.02814	.71572
1.541	-1.301	.84288	1.16118	1.09458	1.01739	.63310	.89324	1.27645	1.27958	1.01576	.70375
1.541	-.790	.86544	1.17557	1.10608	1.02940	.64569	.89711	1.27476	1.27780	1.00305	.69176
1.541	-.282	.88431	1.20379	1.11813	1.04199	.65999	.89788	1.27703	1.27991	.99126	.68110
1.541	.210	.89677	1.23347	1.12782	1.05254	.67102	.89345	1.27847	1.28133	.97820	.66972
1.541	.713	.90699	1.26470	1.13868	1.06420	.68418	.88680	1.27676	1.27986	.96562	.65908
1.541	1.205	.91730	1.29173	1.14898	1.07535	.69666	.87970	1.27493	1.27863	.95339	.64913
	GRADIENT	.04563	.02387	.02404	.02377	.02379	.00363	-.00013	-.00023	-.02485	-.02372

(RCM055) (03 OCT 91)

IA310 (AEDC 16TF-783) PROBE CALIBRATION

PARAMETRIC DATA

BETA = 3.000 PHI = 180.000

RUN NO. 1581/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
.600	-6.892	.64667	.68077	.58202	.50835	.10009	.94173	.89806	.89046	.82530	.48448
.599	-6.376	.65946	.69410	.59626	.52369	.11483	.93314	.89882	.89059	.81410	.47065
.600	-5.870	.67189	.70692	.61018	.53684	.12930	.92379	.89834	.88983	.80253	.45697
.600	-5.357	.68756	.72256	.62659	.55351	.14622	.91726	.90075	.89169	.79345	.44492
.599	-4.847	.69641	.73278	.63759	.56487	.15725	.90507	.89932	.88992	.77975	.42842
.600	-4.334	.71031	.74695	.65234	.57998	.17253	.89674	.90135	.89169	.76839	.41410
.600	-3.827	.72289	.76033	.66628	.59463	.18831	.88858	.90052	.89063	.75811	.40256
.600	-3.307	.73300	.77116	.67799	.60564	.19981	.87797	.90068	.89063	.74460	.38732
.600	-2.794	.74702	.78542	.69341	.62246	.21686	.87068	.90223	.89228	.73433	.37541
.600	-2.279	.75834	.79710	.70617	.63554	.23083	.86038	.90205	.89218	.72100	.36002
.600	-1.762	.76942	.80859	.71883	.64894	.24580	.84985	.89993	.89025	.70754	.34615
.600	-1.250	.78161	.82073	.73190	.66209	.25980	.84103	.90158	.89221	.69470	.33133
.600	-.737	.79364	.83343	.74593	.67578	.27610	.83117	.90055	.89180	.68170	.31797
.600	-.232	.80368	.84315	.75777	.68887	.29054	.82100	.89939	.89110	.66742	.30387
.600	.262	.81477	.85439	.77037	.70175	.30495	.81183	.89910	.89144	.65460	.29033
.600	.766	.82529	.86549	.78257	.71468	.31961	.80159	.89777	.89094	.64119	.27779
.600	1.258	.83646	.87653	.79488	.72740	.33382	.79303	.89806	.89211	.62854	.26504
	GRADIENT	.02274	.02334	.02565	.02648	.02887	-.01857	-.00042	.00014	-.02499	-.02697

RUN NO. 1472/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
.800	-6.927	.73251	.76516	.66328	.58874	.16192	1.01542	1.02145	1.07255	.89708	.55012
.800	-6.405	.74533	.77879	.67754	.60376	.17690	1.00882	1.02175	1.07256	.88721	.53766
.800	-5.903	.75680	.79119	.69079	.61714	.19091	.99994	1.02137	1.07224	.87589	.52317
.800	-5.395	.76886	.80373	.70451	.63125	.20644	.99104	1.02176	1.07257	.86490	.51045
.800	-4.889	.78083	.81629	.71795	.64497	.22095	.98227	1.02139	1.07244	.85405	.49653
.800	-4.380	.79213	.82837	.73072	.65805	.23515	.97265	1.02075	1.07211	.84216	.48174
.800	-3.871	.80415	.84081	.74421	.67149	.24994	.96474	1.02089	1.07252	.83183	.46935
.800	-3.364	.81463	.85186	.75671	.68418	.26325	.95509	1.01957	1.07158	.81956	.45515
.800	-2.854	.82588	.86386	.76960	.69749	.27780	.94653	1.01935	1.07182	.80811	.44121
.800	-2.345	.83680	.87523	.78206	.71039	.29227	.93667	1.01844	1.07145	.79525	.42624
.800	-1.832	.84778	.88720	.79497	.72393	.30756	.92750	1.01762	1.07126	.78309	.41256
.800	-1.323	.85852	.89853	.80753	.73696	.32247	.91833	1.01658	1.07106	.77068	.39871
.800	-.812	.86888	.90922	.81938	.74983	.33711	.90843	1.01574	1.07097	.75717	.38426
.800	-.308	.87956	.92078	.83210	.76297	.35185	.89975	1.01515	1.07124	.74458	.37123
.800	.181	.88938	.93106	.84379	.77528	.36656	.88978	1.01375	1.07073	.73126	.35773
.800	.689	.89993	.94172	.85565	.78767	.38132	.88029	1.01177	1.07018	.71793	.34388
.800	1.185	.90941	.95148	.86659	.79912	.39467	.86999	1.01071	1.07017	.70411	.32941
	GRADIENT	.02118	.02232	.02456	.02553	.02876	-.01838	-.00173	-.00036	-.02465	-.02744

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(RCM055) (03 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	CPB	CPC1	CPC2	CPC3	CPC01	CPU	CPC4	CPC5	CPC6	CP02
.899	-6.916	.79561	.82768	.72728	.65377	.23468	1.06691	1.12080	1.16201	.94894	.60870
.900	-6.396	.80697	.83987	.74062	.66746	.24928	1.05885	1.12008	1.16181	.93838	.59545
.900	-5.892	.81830	.85195	.75340	.68048	.26283	1.05124	1.11946	1.16178	.92815	.58252
.900	-5.389	.82963	.86399	.76614	.69405	.27712	1.04274	1.11848	1.16144	.91753	.56879
.900	-4.879	.84083	.87611	.77900	.70726	.29090	1.03433	1.11853	1.16214	.90702	.55588
.900	-4.369	.85195	.88803	.79166	.72018	.30483	1.02557	1.11734	1.16172	.89617	.54242
.900	-3.863	.86231	.89863	.80322	.73198	.31699	1.01670	1.11665	1.16183	.88504	.52867
.900	-3.353	.87346	.91026	.81607	.74531	.33108	1.00861	1.11562	1.16177	.87413	.51592
.900	-2.841	.88418	.92175	.82837	.75786	.34471	.99980	1.11474	1.16177	.86261	.50243
.900	-2.331	.89477	.93293	.84096	.77053	.35964	.99064	1.11372	1.16169	.85075	.48859
.900	-1.818	.90529	.94379	.85309	.78319	.37442	.98169	1.11280	1.16166	.83867	.47550
.900	-1.308	.91504	.95406	.86452	.79522	.38812	.97219	1.11155	1.16134	.82576	.46143
.900	-.801	.92503	.96495	.87646	.80756	.40242	.96316	1.11027	1.16098	.81311	.44811
.900	-.294	.93554	.97609	.88872	.82047	.41701	.95482	1.10971	1.16158	.80126	.43538
.900	.197	.94462	.98579	.89931	.83176	.42972	.94497	1.10821	1.16117	.78803	.42130
.900	.703	.95470	.99623	.91112	.84418	.44428	.93627	1.10706	1.16119	.77581	.40851
.900	1.196	.96417	1.00600	.92212	.85574	.45773	.92673	1.10503	1.16076	.76256	.39476
GRADIENT		.02027	.02138	.02359	.02447	.02763	-.01767	-.00211	-.00017	-.02382	-.02646

RUN NO. 1512/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPC01	CPU	CPC4	CPC5	CPC6	CP02
1.099	-6.970	.94985	.97927	.88587	.81708	.43561	1.19666	1.18747	1.27560	1.08534	.77420
1.099	-6.460	.95927	.98996	.89726	.82880	.44782	1.18937	1.18756	1.27541	1.07578	.76247
1.100	-5.957	.96919	1.00056	.90864	.84035	.46000	1.18232	1.18770	1.27533	1.06608	.75075
1.100	-5.457	.97994	1.01209	.92092	.85301	.47294	1.17554	1.18828	1.27574	1.05715	.73914
1.100	-4.955	.98984	1.02299	.93221	.86484	.48531	1.16795	1.18834	1.27581	1.04775	.72696
1.100	-4.453	.99974	1.03351	.94348	.87656	.49763	1.15990	1.18822	1.27562	1.03777	.71461
1.100	-3.953	1.00849	1.04303	.95381	.88721	.50877	1.15162	1.18747	1.27499	1.02725	.70215
1.100	-3.447	1.01865	1.05319	.96499	.89863	.52123	1.14438	1.18747	1.27517	1.01791	.69127
1.100	-2.945	1.02821	1.06331	.97605	.91014	.53359	1.13631	1.18724	1.27514	1.00767	.67969
1.100	-2.439	1.03704	1.07268	.98654	.92110	.54580	1.12684	1.18614	1.27441	.99593	.66641
1.100	-1.939	1.04733	1.08338	.99858	.93316	.55909	1.12006	1.18522	1.27472	.98637	.65551
1.100	-1.436	1.05564	1.09217	1.00855	.94373	.57094	1.11118	1.18572	1.27459	.97472	.64286
1.100	-.934	1.06491	1.10189	1.01933	.95483	.58361	1.10301	1.18508	1.27428	.96349	.63062
1.100	-.441	1.07303	1.11094	1.02919	.96526	.59552	1.09431	1.18411	1.27381	.95210	.61822
1.100	.057	1.08192	1.12051	1.03989	.97623	.60835	1.08025	1.18351	1.27373	.94099	.60649
1.100	.567	1.09002	1.12899	1.04958	.98685	.62031	1.07717	1.18268	1.27340	.92877	.59393
1.100	1.063	1.09855	1.13797	1.05956	.99757	.63259	1.06864	1.18185	1.27322	.91743	.58202
GRADIENT		.01810	.01914	.02125	.02209	.02457	-.01647	-.00107	-.00041	-.02168	-.02406

PARAMETRIC DATA

BETA = 3.000 PHI = 180.000

RUN NO. 1528/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
1.250	-6.939	1.01780	1.05220	.95575	.88547	.50418	1.27190	1.23340	1.29915	1.15426	.83794
1.250	-6.420	1.02774	1.06320	.96727	.89723	.51615	1.26400	1.23480	1.29993	1.14327	.82533
1.250	-5.915	1.03756	1.07362	.97889	.90902	.52858	1.25593	1.23564	1.30027	1.13286	.81321
1.250	-5.409	1.04781	1.08501	.99042	.92105	.54092	1.24821	1.23609	1.30036	1.12303	.80085
1.250	-4.902	1.05695	1.09510	1.00112	.93219	.55256	1.23891	1.23461	1.29843	1.11214	.78796
1.250	-4.394	1.06901	1.10732	1.01428	.94550	.56634	1.23189	1.23637	1.30001	1.10371	.77732
1.250	-3.887	1.07715	1.11599	1.02402	.95570	.57745	1.22142	1.23655	1.29996	1.09232	.76430
1.250	-3.383	1.08558	1.12490	1.03424	.96644	.58885	1.21200	1.23497	1.29812	1.08164	.75252
1.250	-2.875	1.09655	1.13612	1.04682	.97940	.60207	1.20487	1.23524	1.29834	1.07202	.74183
1.250	-2.361	1.10662	1.14642	1.05817	.99094	.61452	1.19690	1.23598	1.29907	1.06110	.72931
1.250	-1.858	1.11595	1.15649	1.06897	1.00206	.62701	1.18814	1.23582	1.29902	1.04980	.71719
1.250	-1.350	1.12494	1.16592	1.07948	1.01323	.63954	1.17958	1.23523	1.29853	1.03813	.70539
1.250	-.843	1.13440	1.17586	1.09039	1.02439	.65215	1.17117	1.23519	1.29872	1.02654	.69295
1.250	-.340	1.14287	1.18471	1.10031	1.03468	.66410	1.16221	1.23407	1.29791	1.01458	.68090
1.250	.150	1.15259	1.19522	1.11163	1.04669	.67686	1.15486	1.23299	1.29717	1.00393	.67014
1.250	.659	1.16194	1.20484	1.12232	1.05779	.68920	1.14624	1.23332	1.29795	.99202	.65830
1.250	1.155	1.16966	1.21244	1.13138	1.06753	.70064	1.13638	1.23301	1.29814	.97979	.64623
	GRADIENT	.01858	.01943	.02152	.02234	.02448	-.01679	-.00046	-.00026	-.02198	-.02347

RUN NO. 1545/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
1.400	-6.942	1.02555	1.07735	.97280	.90028	.51736	1.30647	1.33017	1.38275	1.17895	.85731
1.400	-6.424	1.03528	1.08869	.98516	.91233	.52898	1.29635	1.32982	1.38235	1.16754	.84430
1.400	-5.921	1.04579	1.10029	.99729	.92470	.54039	1.28734	1.32924	1.38181	1.15739	.83231
1.400	-5.413	1.05514	1.11140	1.00874	.93670	.55206	1.27729	1.32936	1.38209	1.14604	.81925
1.400	-4.913	1.06519	1.12256	1.02072	.94853	.56437	1.26708	1.32790	1.38079	1.13515	.80665
1.400	-4.405	1.07622	1.13395	1.03303	.96117	.57678	1.25799	1.32795	1.38116	1.12427	.79444
1.400	-3.900	1.08574	1.14392	1.04397	.97307	.58848	1.24796	1.32732	1.38092	1.11273	.78200
1.400	-3.392	1.09661	1.15516	1.05638	.98577	.60065	1.23930	1.32677	1.38077	1.10198	.77023
1.399	-2.885	1.10607	1.16511	1.06734	.99706	.61207	1.22814	1.32605	1.38056	1.08917	.75665
1.400	-2.377	1.11779	1.17719	1.08035	1.01039	.62587	1.21906	1.32486	1.37998	1.07805	.74490
1.399	-1.869	1.12818	1.18768	1.09185	1.02207	.63806	1.20921	1.32443	1.38018	1.06529	.73167
1.400	-1.363	1.13833	1.19868	1.10354	1.03362	.65088	1.19946	1.32291	1.37948	1.05329	.71948
1.399	-.857	1.14846	1.20892	1.11464	1.04502	.66328	1.18967	1.32196	1.37927	1.04068	.70688
1.400	-.353	1.15878	1.21929	1.12604	1.05676	.67631	1.18033	1.32196	1.38018	1.02883	.69511
1.400	.135	1.16777	1.22881	1.13643	1.06752	.68847	1.17044	1.31957	1.37864	1.01609	.68290
1.400	.643	1.17840	1.23969	1.14813	1.07977	.70199	1.16143	1.31917	1.37933	1.00378	.67121
1.400	1.141	1.18785	1.24886	1.15838	1.09072	.71387	1.15175	1.31815	1.37921	.99064	.65886
	GRADIENT	.02032	.02098	.02283	.02347	.02478	-.01914	-.00172	-.00035	-.02391	-.02448

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(RCM055) (03 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	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
1.450	-6.892	1.01085	1.08020	.97416	.90237	.52209	1.29486	1.27969	1.33339	1.18049	.86375
1.449	-6.374	1.02035	1.08947	.98480	.91312	.53170	1.29388	1.27984	1.33291	1.16736	.84929
1.450	-5.866	1.03023	1.10197	.99763	.92680	.54420	1.28340	1.28179	1.33419	1.15802	.83784
1.450	-5.361	1.03966	1.11270	1.00925	.93878	.55551	1.27167	1.28055	1.33254	1.14645	.82384
1.450	-4.847	1.05073	1.12462	1.02025	.95189	.56815	1.26130	1.28196	1.33357	1.13586	.81144
1.450	-4.339	1.06099	1.13544	1.03413	.96411	.58066	1.25027	1.28176	1.33310	1.12431	.79864
1.450	-3.829	1.07106	1.14673	1.04628	.97603	.59281	1.24000	1.28138	1.33238	1.11336	.78669
1.450	-3.316	1.08218	1.15784	1.05797	.98736	.60467	1.23019	1.28192	1.33287	1.10158	.77422
1.450	-2.801	1.09178	1.16857	1.06943	.99894	.61701	1.21831	1.28205	1.33287	1.08920	.76090
1.450	-2.284	1.10351	1.18087	1.08268	1.01224	.63080	1.20811	1.28074	1.33160	1.07770	.74901
1.449	-1.772	1.11252	1.19061	1.09276	1.02299	.64214	1.19645	1.28032	1.33128	1.06331	.73464
1.450	-1.261	1.12406	1.20194	1.10523	1.03579	.65553	1.18684	1.28032	1.33144	1.05124	.72255
1.450	-.751	1.13574	1.21311	1.11721	1.04814	.66879	1.17705	1.28081	1.33221	1.03887	.71006
1.449	-.241	1.14504	1.22245	1.12755	1.05885	.68087	1.16600	1.27891	1.33062	1.02518	.69668
1.449	.250	1.15619	1.23290	1.13910	1.07072	.69359	1.15667	1.27851	1.33067	1.01291	.68448
1.450	.757	1.16635	1.24327	1.15066	1.08267	.70633	1.14631	1.27854	1.33127	.99996	.67212
1.450	1.246	1.17761	1.25418	1.16241	1.09446	.71948	1.13744	1.27710	1.33028	.98774	.66079
GRADIENT		.02077	.02120	.02290	.02334	.02477	-.02042	-.00074	-.00047	-.02447	-.02488

RUN NO. 1647/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
1.470	-6.903	.97516	1.06014	.95394	.88282	.50763	1.27497	1.28545	1.33220	1.16211	.84424
1.484	-6.386	.98471	1.07222	.96676	.89573	.51919	1.26380	1.28686	1.33323	1.15119	.83214
1.471	-5.881	.99347	1.08309	.97778	.90778	.53064	1.25145	1.28688	1.33290	1.13843	.81878
1.471	-5.369	1.00499	1.09559	.99127	.92103	.54324	1.24222	1.28732	1.33310	1.12749	.80642
1.470	-4.862	1.01351	1.10550	1.00207	.93200	.55401	1.22967	1.28625	1.33186	1.11387	.79156
1.471	-4.350	1.02531	1.11766	1.01544	.94543	.56695	1.21949	1.28714	1.33266	1.10314	.77973
1.470	-3.845	1.03352	1.12706	1.02579	.95605	.57777	1.20604	1.28677	1.33229	1.09073	.76639
1.470	-3.331	1.04415	1.13825	1.03785	.96826	.59023	1.19531	1.28515	1.33071	1.07936	.75430
1.471	-2.817	1.05561	1.15036	1.05086	.98136	.60341	1.18490	1.28661	1.33233	1.06843	.74264
1.471	-2.306	1.06540	1.16095	1.06217	.99274	.61542	1.17248	1.28497	1.33090	1.05468	.72898
1.470	-1.791	1.07790	1.17261	1.07455	1.00536	.62828	1.16317	1.28509	1.33137	1.04226	.71649
1.471	-1.281	1.08914	1.18380	1.08705	1.01812	.64121	1.15292	1.28554	1.33129	1.02974	.70425
1.471	-.769	1.10055	1.19492	1.09948	1.03087	.65413	1.14244	1.28358	1.33076	1.01778	.69206
1.471	-.263	1.11056	1.20461	1.10965	1.04210	.66558	1.13156	1.28339	1.33113	1.00453	.67930
1.470	.228	1.12107	1.21490	1.12074	1.05365	.67730	1.12130	1.28249	1.33088	.99224	.66710
1.471	.734	1.13142	1.22557	1.13252	1.06582	.69023	1.11181	1.28149	1.33061	.98043	.65554
1.470	1.228	1.14281	1.23541	1.14319	1.07684	.70297	1.10279	1.28016	1.33001	.96741	.64342
GRADIENT		.02127	.02140	.02322	.02384	.02443	-.02090	-.00100	-.00030	-.02416	-.02439

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(RCM055) (03 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	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
1.493	-6.910	.92415	1.05356	.94652	.87680	.50714	1.23867	1.25682	1.32642	1.15335	.83791
1.493	-6.393	.92925	1.06417	.95758	.88861	.51636	1.22351	1.25665	1.32561	1.14057	.82430
1.493	-5.886	.93712	1.07646	.97011	.90176	.52716	1.20893	1.25705	1.32538	1.12916	.81184
1.493	-5.381	.94242	1.08778	.98248	.91386	.53808	1.19378	1.25814	1.32603	1.11774	.79880
1.493	-4.868	.94735	1.09972	.99523	.92627	.54957	1.17765	1.25990	1.32746	1.10636	.78647
1.493	-4.363	.95162	1.11087	1.00693	.93790	.56063	1.15956	1.26064	1.32796	1.09441	.77389
1.494	-3.856	.95536	1.12275	1.01898	.94997	.57241	1.14120	1.26248	1.32961	1.08302	.76218
1.493	-3.344	.96079	1.13267	1.02956	.96087	.58373	1.12417	1.26280	1.32980	1.07067	.74996
1.493	-2.830	.96830	1.14324	1.04057	.97227	.59550	1.10807	1.25888	1.32572	1.05704	.73649
1.493	-2.316	.97594	1.15539	1.05330	.98487	.60797	1.09226	1.25789	1.32476	1.04488	.72405
1.493	-1.804	.98605	1.16708	1.06569	.99730	.62097	1.07900	1.25775	1.32468	1.03249	.71207
1.493	-1.292	.99219	1.17840	1.07793	1.00948	.63350	1.06192	1.25712	1.32425	1.01972	.70007
1.493	-.784	1.00243	1.19007	1.09060	1.02211	.64700	1.04871	1.25789	1.32535	1.00804	.68860
1.493	-.279	1.01315	1.20043	1.10189	1.03373	.65971	1.03684	1.25880	1.32660	.99600	.67719
1.493	-.214	1.02313	1.21003	1.11239	1.04476	.67177	1.02402	1.25903	1.32733	.98333	.66542
1.493	-.720	1.03481	1.21983	1.12324	1.05597	.68414	1.01318	1.25920	1.32803	.97081	.65372
1.493	1.213	1.04901	1.23015	1.13417	1.06764	.69712	1.00462	1.25563	1.32497	.95855	.64209
1.493	GRADIENT	.01663	.02159	.02304	.02336	.02440	-.02866	-.00066	-.00038	-.02434	-.02370

RUN NO. 1613/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
1.516	-6.909	.79855	1.05499	.94815	.88042	.50749	1.15495	1.26593	1.31685	1.15501	.84339
1.517	-6.393	.79249	1.06746	.95975	.89286	.51988	1.12835	1.26732	1.31772	1.14436	.83136
1.517	-5.885	.78726	1.07908	.97186	.90460	.53116	1.09899	1.26864	1.31852	1.13226	.81783
1.516	-5.383	.79001	1.09142	.98436	.91689	.54232	1.07628	1.26937	1.31896	1.12095	.80502
1.516	-4.870	.79475	1.10370	.99623	.92848	.55307	1.05414	1.26977	1.31907	1.10890	.79169
1.517	-4.359	.80285	1.11654	1.00911	.94092	.56478	1.03539	1.27005	1.31916	1.09769	.77895
1.516	-3.852	.80084	1.12705	1.02009	.95173	.57478	1.00930	1.26989	1.31885	1.08558	.76572
1.517	-3.344	.79677	1.13866	1.03229	.96419	.58712	.98253	1.26948	1.31838	1.07424	.75401
1.516	-2.829	.79817	1.14926	1.04320	.97533	.59844	.95879	1.26775	1.31662	1.06109	.74059
1.517	-2.315	.80441	1.16088	1.05576	.98791	.61171	.93830	1.26700	1.31593	1.04860	.72789
1.516	-1.806	.81474	1.17144	1.06633	.99875	.62354	.92198	1.26509	1.31413	1.03445	.71457
1.517	-1.293	.82607	1.18358	1.07917	1.01164	.63701	.90633	1.26445	1.31370	1.02220	.70316
1.517	-.785	.83720	1.19493	1.09156	1.02408	.65020	.89061	1.26318	1.31261	1.00850	.69049
1.517	-.278	.84690	1.20564	1.10351	1.03627	.66285	.87416	1.26141	1.31110	.99435	.67789
1.517	-.215	.86245	1.21836	1.11787	1.05079	.67632	.86417	1.26306	1.31326	.98299	.66742
1.516	-.720	.87424	1.22800	1.12929	1.06228	.68810	.85068	1.26665	1.31738	.96910	.65552
1.516	1.214	.88831	1.23597	1.13924	1.07240	.69912	.83875	1.26424	1.31554	.95394	.64313
1.516	GRADIENT	.01528	.02197	.02362	.02383	.02439	-.03560	-.00123	-.00092	-.02546	-.02439

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(RCM055) (03 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	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
1.541	-6.907	.61446	1.06704	.94938	.88108	.50615	.96475	1.27700	1.28135	1.15426	.84346
1.542	-6.393	.62413	1.07939	.96122	.89171	.51668	.93884	1.27642	1.28023	1.14038	.82927
1.542	-5.885	.63853	1.09273	.97360	.90339	.52765	.92067	1.27319	1.27657	1.12803	.81629
1.542	-5.377	.65409	1.10880	.98886	.91791	.54060	.90567	1.27440	1.27740	1.11788	.80500
1.542	-4.872	.66655	1.12204	1.00131	.92972	.55156	.88922	1.27572	1.27841	1.10536	.79142
1.542	-4.359	.67977	1.13453	1.01329	.94087	.56154	.87498	1.27647	1.27897	1.09255	.77799
1.542	-3.854	.69368	1.14818	1.02610	.95319	.57331	.86339	1.27771	1.28013	1.08149	.76672
1.541	-3.342	.70815	1.16061	1.03763	.96433	.58361	.85231	1.27789	1.28030	1.06853	.75326
1.541	-2.828	.72430	1.17518	1.04992	.97625	.59537	.84423	1.27876	1.28117	1.05562	.74044
1.542	-2.316	.74219	1.18958	1.06185	.98840	.60747	.83891	1.27910	1.28158	1.04286	.72780
1.542	-1.804	.76438	1.20399	1.07403	1.00043	.61937	.83798	1.27679	1.27935	1.02925	.71497
1.542	-1.294	.79720	1.21513	1.08654	1.01251	.63116	.84911	1.27424	1.27690	1.01587	.70288
1.542	-.785	.83244	1.22610	1.09993	1.02570	.64452	.86353	1.27234	1.27505	1.00331	.69133
1.542	-.279	.85851	1.24151	1.11348	1.03923	.65798	.87082	1.27475	1.27746	.99201	.68076
1.542	.213	.87372	1.25985	1.12278	1.04928	.66958	.86829	1.27562	1.27837	.97804	.66849
1.542	.721	.88560	1.28085	1.13399	1.06135	.68323	.86184	1.27554	1.27845	.96588	.65834
1.542	1.214	.89309	1.29494	1.14405	1.07228	.69566	.85082	1.27443	1.27768	.95234	.64790
	GRADIENT	.04142	.02795	.02378	.02368	.02382	-.00187	-.00052	-.00043	-.02515	-.02371

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(RCM056) (03 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	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
.599	-6.858	.63389	.66807	.57364	.50120	.09625	.92721	.89580	.89102	.82663	.47861
600	-5.832	.65811	.69382	.60110	.52883	.12412	.90817	.89496	.88964	.80318	.44990
.599	-4.815	.68444	.72103	.62962	.55764	.15269	.89273	.89821	.89273	.78269	.42362
600	-3.790	.70885	.74716	.65745	.58663	.18388	.87313	.89637	.89092	.75884	.39675
600	-2.771	.73136	.77098	.68295	.61244	.21079	.85286	.89554	.89013	.73208	.36662
600	-1.750	.75660	.79686	.71032	.64113	.24130	.83650	.89709	.89214	.70905	.34084
601	-.733	.77719	.81812	.73404	.66578	.27054	.81539	.89402	.88968	.68180	.31332
600	-.280	.80053	.84140	.76027	.69254	.29838	.79564	.89445	.89081	.65444	.28397
600	1.262	.82145	.86255	.78389	.71724	.32776	.77642	.89156	.89156	.62769	.25846
	GRADIENT	.02554	.02324	.02534	.02619	.02865	-.01902	-.00062	-.00015	-.02548	-.02726

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(RCM056) (03 OCT 91)

PARAMETRIC DATA

BETA = 4.000 PHI = 180.000

RUN NO. 1473/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
.800	-6.904	.72007	.75271	.65501	.58133	.15792	1.00175	1.00356	1.06799	.89781	.54419
.800	-5.875	.74370	.77790	.68159	.60904	.18636	.98545	1.00388	1.06818	.51674	.49025
.800	-4.859	.76750	.80354	.70878	.63663	.21539	.96861	1.00425	1.06861	.85490	.46300
.800	-3.846	.79093	.82801	.73499	.66361	.24518	.95062	1.00380	1.06845	.83191	.43533
.800	-2.835	.81380	.85213	.76149	.69014	.27506	.93275	1.00340	1.06858	.80851	.40668
.800	-1.818	.83460	.87409	.78512	.71465	.30228	.91378	1.00270	1.06844	.78301	.37960
.800	-.812	.85634	.89747	.81063	.74119	.33224	.89529	1.00179	1.06820	.75821	.35184
.800	.202	.87652	.91820	.83371	.76581	.35889	.87500	1.00025	1.06765	.73093	.32407
.799	1.188	.89631	.93877	.85642	.78962	.38884	.85572	.99906	1.06779	.70423	.32407
GRADIENT		.02124	.02235	.02440	.02528	.02855	-.01866	-.00086	-.00016	-.02492	-.02748

RUN NO. 1507/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
.900	-6.891	.78414	.81528	.71889	.64637	.23052	1.05364	1.10098	1.15974	.94909	.60223
.900	-5.863	.80677	.84029	.74537	.67336	.25870	1.03855	1.10077	1.15995	.92900	.57672
.900	-4.846	.82868	.86401	.77031	.69947	.28595	1.02180	1.10020	1.15999	.90806	.55054
.900	-3.833	.85063	.88763	.79542	.72510	.31340	1.00461	1.09946	1.16000	.88558	.52287
.900	-2.821	.87228	.91027	.82016	.75064	.34206	.98634	1.09857	1.15998	.86227	.49602
.900	-1.801	.89309	.93215	.84420	.77485	.36991	.96898	1.09782	1.16036	.83865	.47004
.900	-.793	.91358	.95366	.86791	.79952	.39781	.95078	1.09641	1.16009	.81418	.44357
.900	.217	.93242	.97394	.89029	.82294	.42388	.93124	1.09447	1.15958	.78789	.41603
.900	1.202	.95182	.99394	.91257	.84671	.45262	.91303	1.09311	1.15980	.76268	.39006
GRADIENT		.02032	.02143	.02350	.02428	.02747	-.01799	-.00118	-.00005	-.02404	-.02644

RUN NO. 1513/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
1.099	-6.963	.93980	.96869	.87871	.81078	.43225	1.18578	1.17937	1.27162	1.08607	.76964
1.100	-5.943	.96017	.99131	.90261	.83531	.45773	1.17226	1.18035	1.27235	1.06816	.74685
1.100	-4.938	.97907	1.01194	.92469	.85782	.48141	1.15690	1.18028	1.27231	1.04862	.72266
1.100	-3.933	.99838	1.03270	.94671	.88086	.50536	1.14122	1.18020	1.27231	1.02838	.69806
1.100	-2.944	1.01752	1.05279	.96858	.90339	.53006	1.12526	1.17955	1.27193	1.00807	.67461
1.100	-1.930	1.03535	1.07185	.98938	.92501	.55400	1.10848	1.17882	1.27142	.98629	.65061
1.100	-.922	1.05356	1.09114	1.01112	.94713	.57934	1.09073	1.17797	1.27142	.96338	.62577
1.100	.079	1.07153	1.11039	1.03225	.96923	.60467	1.07424	1.17752	1.27171	.94088	.60180
1.100	1.069	1.08823	1.12782	1.05177	.99024	.62855	1.05691	1.17582	1.27094	.91767	.57782
GRADIENT		.01816	.01929	.02119	.02201	.02456	-.01669	-.00072	-.00021	-.02182	-.02408

IA310 (AEDC 16TF-783) PROBE CALIBRATION (RCM056) (03 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	CPB	CPC1	CPC2	CPC3	CPC1	CPC3	CPC1	CPU	CPC4	CPC5	CPC6	CPC2
1.250	-6.921	1.00760	1.04114	.94822	.87881	.50047	1.26017	1.22825	1.29503	1.15457	1.13488	1.13488	1.13488
1.250	-5.887	1.02792	1.06383	.97210	.90307	.52517	1.24525	1.22998	1.29634	1.13488	1.13488	1.13488	1.13488
1.250	-4.877	1.04768	1.08522	.99469	.92649	.55051	1.22909	1.23053	1.29651	1.13488	1.13488	1.13488	1.13488
1.250	-3.862	1.06747	1.10644	1.01743	.94986	.57444	1.21199	1.23058	1.29651	1.09336	1.09336	1.09336	1.09336
1.250	-2.853	1.08600	1.12587	1.03888	.97188	.59803	1.19388	1.22938	1.29519	1.07196	1.07196	1.07196	1.07196
1.250	-1.843	1.10503	1.14589	1.06107	.99449	.62293	1.17703	1.22891	1.29486	1.05033	1.05033	1.05033	1.05033
1.250	-.837	1.12452	1.16669	1.08364	1.01807	.64875	1.16104	1.23028	1.29659	1.02804	1.02804	1.02804	1.02804
1.250	.174	1.14191	1.18480	1.10368	1.03910	.67238	1.14211	1.22934	1.29610	1.00322	1.00322	1.00322	1.00322
1.250	1.160	1.15941	1.20320	1.12421	1.06070	.69650	1.12480	1.22703	1.29434	.98022	.98022	.98022	.98022
GRADIENT		.01853	.01956	.02149	.02225	.02433	-.01722	-.00043	-.00021	-.02215	-.02215	-.02215	-.02215

RUN NO. 1546/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPC1	CPC3	CPC1	CPU	CPC4	CPC5	CPC6	CPC2
1.400	-6.928	1.01525	1.06612	.96506	.89366	.51376	1.29504	1.31165	1.37665	1.17950	1.17950	1.17950	1.17950
1.400	-5.895	1.03597	1.09006	.99028	.91870	.53756	1.27641	1.31234	1.37733	1.15815	1.15815	1.15815	1.15815
1.400	-4.882	1.05580	1.11218	1.01382	.94230	.56098	1.25691	1.31217	1.37730	1.13646	1.13646	1.13646	1.13646
1.400	-3.875	1.07608	1.13423	1.03694	.96625	.58536	1.23717	1.31117	1.37650	1.11367	1.11367	1.11367	1.11367
1.400	-2.864	1.09742	1.15681	1.06153	.99172	.61075	1.21872	1.31076	1.37661	1.09104	1.09104	1.09104	1.09104
1.400	-1.855	1.11801	1.17823	1.08486	1.01561	.63514	1.19915	1.31065	1.37716	1.06690	1.06690	1.06690	1.06690
1.400	-.853	1.13815	1.19889	1.10731	1.03801	.65965	1.17872	1.30907	1.37644	1.04138	1.04138	1.04138	1.04138
1.400	.157	1.15952	1.22103	1.13116	1.06242	.68605	1.16009	1.30762	1.37589	1.01735	1.01735	1.01735	1.01735
1.400	1.146	1.17913	1.24089	1.15260	1.08501	.71136	1.14145	1.30759	1.37704	.99240	.99240	.99240	.99240
GRADIENT		.02051	.02137	.02310	.02368	.02491	-.01920	-.00080	-.00008	-.02395	-.02395	-.02395	-.02395

RUN NO. 1563/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPC1	CPC3	CPC1	CPU	CPC4	CPC5	CPC6	CPC2
1.449	-6.869	1.00075	1.06756	.96524	.89465	.51816	1.29300	1.27487	1.32867	1.17932	1.17932	1.17932	1.17932
1.450	-5.830	1.02167	1.09195	.99100	.92048	.54229	1.27296	1.27612	1.32948	1.15803	1.15803	1.15803	1.15803
1.450	-4.814	1.04145	1.11425	1.01465	.94440	.56527	1.25112	1.27603	1.32899	1.13573	1.13573	1.13573	1.13573
1.450	-3.794	1.06140	1.13599	1.03842	.96853	.58951	1.22840	1.27613	1.32893	1.11332	1.11332	1.11332	1.11332
1.450	-2.776	1.08376	1.15931	1.06317	.99339	.61513	1.20856	1.27694	1.32982	1.08987	1.08987	1.08987	1.08987
1.450	-1.752	1.10460	1.18143	1.08653	1.01691	.63966	1.18778	1.27533	1.32829	1.06514	1.06514	1.06514	1.06514
1.450	-.738	1.12659	1.20387	1.11032	1.04149	.66561	1.16744	1.27596	1.32938	1.04022	1.04022	1.04022	1.04022
1.450	.272	1.14710	1.22469	1.13282	1.06433	.69017	1.14578	1.27512	1.32905	1.01289	1.01289	1.01289	1.01289
1.450	1.252	1.16941	1.24557	1.15564	1.08725	.71563	1.12713	1.27415	1.32871	.98757	.98757	.98757	.98757
GRADIENT		.02108	.02171	.02323	.02356	.02477	-.02039	-.00030	-.00004	-.02449	-.02449	-.02449	-.02449

IA310 (AEDC 16TF-783) PROBE CALIBRATION (RCM056) (03 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	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
1.470	-6.879	.96693	1.05027	.94698	.87691	.50483	1.26669	1.27736	1.32803	1.16327	.83852
1.471	-5.845	.98622	1.07331	.97161	.90144	.52884	1.24259	1.27886	1.32926	1.14171	.81351
1.471	-4.825	1.00525	1.09581	.99556	.92547	.55245	1.21982	1.27963	1.32987	1.11688	.78843
1.484	-3.808	1.02545	1.11793	1.01923	.94997	.57590	1.19807	1.27852	1.32877	1.09217	.76190
1.470	-2.795	1.04784	1.14125	1.04452	.97569	.60159	1.17659	1.27842	1.32881	1.06981	.73813
1.470	-1.774	1.06776	1.16202	1.06698	.99831	.62491	1.15337	1.27785	1.32855	1.04360	.71210
1.470	-.761	1.08979	1.18409	1.09101	1.02302	.65000	1.13187	1.27729	1.32853	1.01841	.68749
1.470	.249	1.11272	1.20544	1.11402	1.04715	.67492	1.11204	1.27727	1.32913	.99313	.66350
1.470	1.237	1.13337	1.22573	1.13611	1.07005	.69925	1.09247	1.27717	1.32783	.96813	.64049
	GRADIENT	.02120	.02144	.02321	.02384	.02424	-.02114	-.00060	-.00020	-.02455	-.02440

RUN NO. 1598/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
1.493	-6.884	.91813	1.04185	.93778	.86919	.50302	1.23041	1.25471	1.32475	1.15391	.83279
1.493	-5.854	.93200	1.06589	.96268	.89400	.52512	1.20264	1.25407	1.32365	1.13147	.80732
1.493	-4.840	.94562	1.08951	.98705	.91842	.54680	1.17260	1.25439	1.32355	1.10810	.78286
1.493	-3.819	.95589	1.11149	1.01137	.94295	.56964	1.14018	1.25434	1.32337	1.08444	.75790
1.493	-2.807	.96940	1.13371	1.03486	.96720	.59426	1.10811	1.25428	1.32334	1.06029	.73344
1.493	-1.787	.98880	1.15571	1.05808	.99080	.61856	1.08132	1.25467	1.32393	1.03563	.70983
1.493	-.776	1.00822	1.17877	1.08258	1.01531	.64356	1.05390	1.25505	1.32464	1.01062	.68619
1.493	.235	1.03017	1.20020	1.10549	1.03834	.66846	1.02939	1.25448	1.32457	.98436	.66196
1.493	1.224	1.05612	1.22109	1.12846	1.06147	.69389	1.01134	1.25462	1.32538	.95956	.63907
	GRADIENT	.01831	.02189	.02331	.02358	.02429	-.02682	.00006	.00032	-.02455	-.02367

RUN NO. 1614/ O RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
1.516	-6.883	.80619	1.04445	.94104	.87394	.50427	1.15758	1.26640	1.31842	1.15698	.83840
1.516	-5.854	.79630	1.06673	.96375	.89684	.52715	1.10397	1.26473	1.31610	1.13277	.81146
1.517	-4.835	.79705	1.09175	.98910	.92212	.55061	1.05579	1.26281	1.31393	1.11085	.78729
1.516	-3.821	.80921	1.11554	1.01362	.94663	.57289	1.01592	1.26368	1.31485	1.08660	.76123
1.517	-2.808	.82407	1.13835	1.03828	.97138	.59756	.97865	1.26420	1.31549	1.06221	.73574
1.516	-1.787	.82803	1.15856	1.06030	.99376	.62119	.93429	1.26255	1.31399	1.03613	.71076
1.517	-.777	.84484	1.18099	1.08387	1.01768	.64656	.89917	1.26135	1.31305	1.01003	.68679
1.516	.234	.86652	1.20198	1.10658	1.04053	.67135	.86766	1.25849	1.31061	.98199	.66255
1.517	1.222	.89855	1.22345	1.13054	1.06467	.69692	.84895	1.25714	1.30979	.95662	.64146
	GRADIENT	.01552	.02157	.02316	.02337	.02419	-.03521	-.00107	-.00082	-.02557	-.02416

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(RCM056) (03 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	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
1.542	-6.883	.61726	1.05424	.93985	.87380	.50294	.97262	1.27356	1.27740	1.15596	.83783
1.541	-5.851	.63291	1.08288	.96525	.89761	.52594	.92103	1.27366	1.27715	1.13063	.81203
1.541	-4.835	.65873	1.11136	.99075	.92179	.54755	.88695	1.27371	1.27707	1.10617	.78711
1.541	-3.823	.68208	1.13887	1.01587	.94608	.56991	.85736	1.27347	1.27682	1.08170	.76214
1.541	-2.806	.70673	1.16454	1.03920	.96889	.59205	.83188	1.27237	1.27582	1.05599	.73649
1.542	-1.788	.73320	1.18951	1.06327	.99343	.61649	.81135	1.27213	1.27586	1.03114	.71326
1.541	-.777	.75968	1.21243	1.08624	1.01736	.64115	.79228	1.27125	1.27537	1.00399	.68880
1.541	.238	.78494	1.23182	1.10985	1.04198	.66739	.77346	1.27069	1.27527	.97679	.66586
1.541	1.221	.80568	1.24556	1.13179	1.06484	.69189	.75211	1.26942	1.27452	.94960	.64462
	GRADIENT	.02470	.02248	.02324	.02364	.02391	-.02161	-.00069	-.00039	-.02583	-.02358

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(RCM057) (03 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	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
.599	-7.870	.60848	.64378	.54479	.47232	.06763	.94502	.91131	.94810	.84941	.50719
.599	-6.844	.63476	.66961	.57356	.50090	.09588	.92845	.91163	.94803	.82700	.47869
.600	-5.828	.66122	.69674	.60267	.53039	.12619	.91210	.91234	.94828	.80652	.45282
.600	-4.806	.68579	.72269	.63014	.55862	.15463	.89357	.91222	.94813	.78384	.42562
.600	-3.789	.71097	.74937	.65793	.58730	.18444	.87483	.91168	.94767	.75985	.39774
.601	-2.768	.73277	.77247	.68303	.61321	.21295	.85395	.90898	.94525	.73371	.36901
.601	-1.750	.75753	.79816	.71058	.64124	.24323	.83735	.91033	.94707	.71008	.34280
.601	-.736	.78178	.82249	.73723	.66887	.27381	.81896	.91049	.94801	.68524	.31576
.601	.277	.80240	.84359	.76105	.69336	.29944	.79815	.90825	.94661	.65673	.28654
.600	1.258	.82234	.86391	.78380	.71726	.32780	.77776	.90668	.94624	.62936	.25976
.600	2.239	.84333	.88476	.80723	.74231	.35608	.75752	.90530	.94625	.60101	.23239
	GRADIENT	.02235	.02297	.02515	.02602	.02853	-.01916	-.00089	-.00018	-.02582	-.02735

(RCM057) (03 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	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
.800	-7.906	.69506	.72682	.62721	.55256	.12743	1.01952	1.03511	1.09035	.91883	.57149
.800	-6.883	.72077	.75337	.58197	.58197	.15755	1.00293	1.03425	1.08981	.89708	.54358
.799	-5.871	.74389	.77836	.68260	.60938	.18542	.98566	1.03412	1.09010	.87593	.51652
.800	-4.856	.76792	.80376	.70979	.63720	.21561	.96946	1.03346	1.08983	.85435	.49060
.800	-3.843	.79099	.82815	.73602	.66383	.24461	.95151	1.03187	1.08907	.83138	.46289
.800	-2.830	.81359	.85223	.76218	.69030	.27426	.93321	1.03164	1.08952	.80726	.43426
.800	-1.817	.83539	.87508	.78702	.71596	.30295	.91502	1.03040	1.08945	.78284	.40710
.800	-.808	.85654	.89766	.81174	.74198	.33225	.89597	1.02974	1.08996	.75759	.37924
.800	.201	.87704	.91919	.83559	.76709	.36026	.87624	1.02831	1.08954	.73050	.35173
.800	1.186	.89708	.93980	.85859	.79120	.38956	.85727	1.02725	1.09001	.70435	.32460
.800	2.172	.91672	.95892	.88068	.81455	.41775	.83715	1.02553	1.08974	.67627	.29678
GRADIENT		.02112	.02212	.02433	.02528	.02874	-.01880	-.00106	.00005	-.02531	-.02752

RUN NO. 1661/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
.900	-7.899	.76128	.79165	.69177	.61981	.20186	1.07054	1.10858	1.20313	.97046	.62881
.900	-6.870	.78448	.81612	.71886	.64644	.22993	1.05414	1.10661	1.20164	.94880	.60194
.900	-5.859	.80714	.84093	.74512	.67329	.25784	1.03934	1.10711	1.20271	.92944	.57686
.900	-4.845	.82810	.86372	.76929	.69853	.28479	1.02160	1.10664	1.20312	.90703	.54914
.900	-3.830	.85080	.88836	.79532	.72520	.31309	1.00476	1.10501	1.20224	.88553	.52278
.900	-2.815	.87340	.91170	.82066	.75132	.34193	.98747	1.10543	1.20371	.86291	.49638
.900	-1.801	.89328	.93274	.84412	.77499	.36984	.96887	1.10380	1.20323	.83856	.47000
.900	-.791	.91470	.95491	.86842	.80009	.39765	.95134	1.10282	1.20361	.81448	.44369
.900	.217	.93366	.97539	.89100	.82380	.42425	.93180	1.10152	1.20393	.78813	.41602
.900	1.202	.95297	.99524	.91293	.84731	.45276	.91405	1.09958	1.20317	.76361	.39039
.899	2.188	.97155	1.01422	.93436	.86990	.47932	.89467	1.09949	1.20473	.73619	.36285
GRADIENT		.02033	.02132	.02342	.02430	.02763	-.01806	-.00106	.00020	-.02430	-.02643

RUN NO. 1740/ 0 RN/L = 2.51 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
1.098	-7.920	.91978	.94781	.85468	.78707	.40756	1.20044	1.11913	1.14898	1.10454	.79325
1.100	-6.942	.94208	.97099	.88008	.81200	.43356	1.18816	1.12003	1.14909	1.08727	.77110
1.101	-5.939	.96179	.99286	.90328	.83577	.45833	1.17431	1.12183	1.15029	1.06936	.74822
1.101	-4.931	.98151	1.01429	.92615	.85914	.48274	1.15937	1.12326	1.15119	1.05021	.72411
1.101	-3.931	1.00026	1.03476	.94779	.88185	.50645	1.14326	1.12375	1.15129	1.02982	.69959
1.100	-2.939	1.01905	1.05435	.96909	.90380	.53051	1.12678	1.12353	1.15066	1.00886	.67551
1.100	-1.922	1.03721	1.07378	.99034	.92580	.55486	1.11029	1.12361	1.15066	.98718	.65167
1.100	-.925	1.05534	1.09291	1.01188	.94780	.58013	1.09268	1.12302	1.14998	.96440	.62708
1.100	.080	1.07282	1.11182	1.03261	.96949	.60475	1.07569	1.12308	1.15018	.94168	.60258
1.100	1.066	1.08993	1.12953	1.05242	.99078	.62933	1.05880	1.12259	1.14983	.91875	.57907
1.100	2.063	1.10688	1.14695	1.07227	1.01193	.65428	1.04105	1.12199	1.14967	.89420	.55496
GRADIENT		.01792	.01898	.02093	.02183	.02456	-.01692	-.00020	-.00024	-.02228	-.02417

(RCM057) (03 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	CPB	CPC1	CPC2	CPC3	CPC01	CPU	CPC4	CPC5	CPC6	CPC02
1.249	-7.925	.98651	1.01898	.92356	.85416	.47469	1.27680	1.30594	1.34413	1.17421	.85578
1.250	-6.894	1.00741	1.04155	.94789	.87836	.49956	1.26068	1.30586	1.34430	1.15380	.83109
1.250	-5.883	1.02689	1.06290	.97086	.90163	.52359	1.24501	1.30618	1.34499	1.13372	.80749
1.250	-4.873	1.04706	1.08498	.99410	.92576	.54848	1.22897	1.30515	1.34446	1.11323	.78350
1.250	-3.862	1.06760	1.10677	1.01724	.94943	.57326	1.21229	1.30428	1.34426	1.09297	.75982
1.250	-2.850	1.08667	1.12698	1.03958	.97188	.59778	1.19444	1.30350	1.34431	1.07200	.73610
1.250	-1.841	1.10496	1.14654	1.06096	.99424	.62206	1.17721	1.30191	1.34361	1.04966	.71227
1.250	-.836	1.12384	1.16634	1.08277	1.01689	.64724	1.16009	1.30084	1.34354	1.02680	.68868
1.250	.173	1.14206	1.18566	1.10402	1.03941	.67215	1.14243	1.29919	1.34312	1.00298	.66466
1.250	1.158	1.15955	1.20291	1.12373	1.06012	.69550	1.12481	1.29750	1.34275	.97906	.64127
1.250	2.153	1.17706	1.22067	1.14398	1.08124	.71959	1.10722	1.29608	1.34280	.95489	.61797
	GRADIENT	.01843	.01928	.02130	.02213	.02439	-.01734	-.00132	-.00027	-.02261	-.02358

RUN NO. 1716/ O RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPC01	CPU	CPC4	CPC5	CPC6	CPC02
1.400	-6.923	1.01831	1.06909	.96776	.89632	.51685	1.29726	1.23803	1.15048	1.18186	.85493
1.400	-5.895	1.03765	1.09125	.99135	.91978	.53936	1.27770	1.23822	1.14991	1.15961	.82919
1.400	-4.878	1.05776	1.11404	1.01564	.94440	.56373	1.25837	1.23873	1.14976	1.13813	.80490
1.400	-3.872	1.07863	1.13633	1.03901	.96898	.58847	1.23968	1.23876	1.14929	1.11635	.78060
1.400	-2.865	1.09933	1.15795	1.06230	.99276	.61265	1.22058	1.23954	1.14973	1.09313	.75569
1.400	-1.852	1.11973	1.17975	1.08594	1.01656	.63735	1.20115	1.23966	1.14971	1.06914	.73128
1.399	-.851	1.13978	1.20043	1.10849	1.03967	.66232	1.18110	1.23956	1.14953	1.04388	.70631
1.400	.157	1.16025	1.22182	1.13126	1.06318	.68798	1.16173	1.23855	1.14872	1.01897	.68247
1.400	1.145	1.18030	1.24170	1.15303	1.08583	.71300	1.14352	1.23917	1.14963	.99470	.65939
1.400	2.133	1.20003	1.26131	1.17469	1.10830	.73804	1.12380	1.23837	1.14935	.96862	.63618
	GRADIENT	.02027	.02102	.02271	.02334	.02486	-.01923	-.00004	-.00005	-.02425	-.02412

RUN NO. 1706/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPC01	CPU	CPC4	CPC5	CPC6	CPC02
1.450	-7.874	.97437	1.03987	.93583	.86551	.49088	1.31094	1.24547	1.21099	1.19887	.87753
1.450	-6.841	.99523	1.06508	.96201	.89123	.51297	1.28936	1.24595	1.21073	1.17720	.85234
1.451	-5.831	1.01689	1.08869	.98741	.91709	.53679	1.26992	1.24803	1.21221	1.15597	.82801
1.450	-4.811	1.03557	1.11106	1.01122	.94090	.55987	1.24739	1.24696	1.21068	1.13386	.80231
1.450	-3.790	1.05779	1.13433	1.03582	.96585	.58441	1.22716	1.24791	1.21134	1.11193	.77733
1.450	-2.773	1.07811	1.15604	1.05897	.98905	.60879	1.20504	1.24733	1.21056	1.08684	.75086
1.450	-1.750	1.10038	1.17990	1.08374	1.01425	.63493	1.18568	1.24789	1.21106	1.06353	.72732
1.450	-.740	1.12180	1.20142	1.10655	1.03740	.65903	1.16427	1.24744	1.21057	1.03692	.70130
1.450	.272	1.14337	1.22284	1.12962	1.06048	.68399	1.14301	1.24677	1.21031	1.00978	.67561
1.450	1.254	1.16590	1.24460	1.15309	1.08415	.71005	1.12482	1.24677	1.21053	.98521	.65299
1.450	2.240	1.18711	1.26521	1.17562	1.10753	.73577	1.10433	1.24647	1.21076	.95891	.62957
	GRADIENT	.02146	.02187	.02328	.02355	.02489	-.02031	-.00013	-.00006	-.02497	-.02458

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

(RCM057) (03 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	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
1.469	-7.887	.95667	1.03891	.93285	.86228	.48772	1.30245	1.24083	1.24974	1.19803	.87383
1.469	-6.855	.97577	1.06246	.95817	.88712	.51134	1.27887	1.24122	1.24936	1.17307	.84715
1.470	-5.841	.99590	1.08689	.98356	.91234	.53506	1.25785	1.24250	1.24993	1.15055	.82255
1.469	-4.822	1.01513	1.10945	1.00791	.93733	.55862	1.23328	1.24312	1.24994	1.12740	.79742
1.469	-3.808	1.03456	1.13135	1.03148	.96204	.58270	1.20884	1.24305	1.24952	1.10416	.77183
1.469	-2.789	1.05524	1.15339	1.05495	.98551	.60669	1.18611	1.24326	1.24948	1.08066	.74672
1.469	-1.769	1.07641	1.17503	1.07797	.98865	.63106	1.16404	1.24303	1.24915	1.05626	.72227
1.469	-.761	1.09926	1.19801	1.10176	1.03325	.65582	1.14336	1.24321	1.24936	1.03128	.69811
1.469	.249	1.12059	1.21871	1.12406	1.05580	.68053	1.12157	1.24307	1.24935	1.00553	.67359
1.469	1.232	1.14233	1.23918	1.14622	1.07848	.70629	1.10209	1.24218	1.24877	.98058	.65082
1.469	2.221	1.16324	1.25865	1.16773	1.09971	.73105	1.08155	1.24126	1.24832	.95348	.62680
1.469	GRADIENT	.02121	.02130	.02273	.02310	.02448	-.02140	-.00021	-.00018	-.02464	-.02414

RUN NO. 1692/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
1.497	-7.845	.93649	1.03446	.92890	.85911	.49001	1.28742	1.23643	1.28810	1.19188	.87054
1.497	-6.858	.95077	1.05735	.95342	.88347	.51331	1.26140	1.23798	1.28891	1.17014	.84570
1.497	-5.849	.96485	1.08000	.97717	.90733	.53454	1.23523	1.23828	1.28859	1.14683	.82012
1.497	-4.833	.98090	1.10405	1.00264	.93266	.55721	1.20843	1.23944	1.28919	1.12391	.79560
1.497	-3.821	.99561	1.12544	1.02578	.95659	.57969	1.17815	1.23925	1.28865	1.09913	.76930
1.497	-2.796	1.01393	1.14748	1.04912	.98008	.60371	1.15068	1.23924	1.28830	1.07436	.74393
1.497	-1.783	1.03392	1.16985	1.07282	1.00452	.62856	1.12644	1.23970	1.28860	1.05011	.72053
1.496	-.774	1.05296	1.19135	1.09572	1.02787	.65269	1.09963	1.23895	1.28787	1.02378	.69541
1.497	.235	1.07667	1.21390	1.11982	1.05186	.67873	1.07742	1.23904	1.28812	.99827	.67143
1.496	1.217	1.10065	1.23391	1.14192	1.07437	.70349	1.05803	1.23850	1.28796	.97294	.64805
1.497	2.207	1.12593	1.25404	1.16363	1.09709	.72893	1.03957	1.23812	1.28800	.94696	.62516
1.497	GRADIENT	.02065	.02144	.02297	.02340	.02448	-.02400	-.00017	-.00015	-.02511	-.02415

RUN NO. 1687/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
1.521	-7.847	.85264	1.02677	.92178	.85325	.48301	1.22423	1.25414	1.32375	1.17900	.86306
1.520	-6.866	.84539	1.05045	.94632	.87746	.50566	1.18024	1.25521	1.32424	1.15871	.83914
1.521	-5.849	.83819	1.07273	.97009	.90135	.52803	1.13354	1.25558	1.32410	1.13580	.81396
1.520	-4.830	.83476	1.09615	.99358	.92583	.55044	1.08572	1.25516	1.32439	1.11174	.78871
1.521	-3.814	.83840	1.11978	1.01803	.95027	.57416	1.04182	1.25597	1.32396	1.08778	.76339
1.521	-2.803	.84492	1.14191	1.04133	.97359	.59778	1.00049	1.25586	1.32382	1.06386	.73910
1.521	-1.785	.85200	1.16365	1.06445	.99685	.62221	.95962	1.25588	1.32403	1.03911	.71554
1.520	-.777	.86236	1.18350	1.08594	1.01911	.64633	.91885	1.25471	1.32308	1.01213	.69066
1.520	.237	.88445	1.20526	1.10972	1.04326	.67217	.88878	1.25465	1.32338	.98735	.66801
1.520	1.220	.91799	1.22562	1.13233	1.06614	.69676	.87157	1.25430	1.32353	.96290	.64637
1.520	2.207	.95596	1.24523	1.15421	1.08823	.72159	.85978	1.25337	1.32319	.93718	.62496
1.520	GRADIENT	.01623	.02108	.02274	.02303	.02434	-.03325	-.00039	-.00015	-.02487	-.02329

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(RCM057) (03 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	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
1.541	-7.888	.91161	1.02002	.91165	.84536	.47674	1.07673	1.31159	1.36144	1.17641	.86245
1.543	-6.862	.61699	1.04844	.93480	.86870	.50210	.98212	1.31181	1.36165	1.15133	.83545
1.542	-5.847	.62362	1.07693	.96014	.89229	.52370	.92253	1.31021	1.36017	1.12677	.80987
1.545	-4.831	.64591	1.10849	.98845	.91882	.54681	.88204	1.31337	1.36418	1.10594	.78734
1.544	-3.819	.66744	1.13439	1.01252	.94241	.56853	.85099	1.31260	1.36381	1.08054	.76078
1.543	-2.800	.69490	1.15955	1.03721	.96709	.59213	.82517	1.30838	1.36254	1.05597	.73636
1.543	-1.781	.71812	1.18377	1.06075	.99094	.61555	.80330	1.30625	1.36189	1.03062	.71261
1.543	-.775	.74392	1.20513	1.08370	1.01446	.63960	.78275	1.30467	1.36113	1.00316	.68766
1.543	.234	.77038	1.22388	1.10713	1.03934	.66650	.76296	1.30365	1.36113	.97654	.66497
1.543	1.217	.79104	1.23905	1.12901	1.06221	.69117	.74181	1.30238	1.36093	.94905	.64350
1.543	2.207	.81252	1.25260	1.15187	1.08586	.71709	.71904	1.30131	1.36107	.92200	.62457
	GRADIENT	.02409	.02067	.02317	.02376	.02427	-.02241	-.00179	-.00049	-.02614	-.02324

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(RCM058) (03 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	CPB	CPC1	CPC2	CPC3	CPO1	CPU	PC4	CPC5	CPC6	CPO2
.600	-3.745	.60662	.64303	.54174	.47394	.06088	.96425	.89792	.94374	.84589	.51829
.600	-2.728	.62202	.65465	.55337	.48139	.06328	.97469	.89981	.94408	.84725	.52247
.600	-1.724	.63166	.66739	.55889	.48697	.07188	.98057	.90128	.94396	.84797	.52460
.600	-.718	.63869	.67749	.56664	.49284	.07591	.98281	.90181	.94299	.84840	.52491
.600	-.289	.64177	.67729	.56682	.49272	.07546	.98541	.90575	.94442	.85112	.52713
.600	.737	.64029	.67825	.56586	.49149	.07365	.98365	.90581	.94333	.85186	.52769
.600	1.747	.63264	.66297	.55810	.48513	.07004	.97817	.90716	.94361	.85238	.52502
.600	2.757	.62140	.65242	.55130	.47777	.06619	.96872	.90754	.94314	.85303	.52234
.600	3.771	.60598	.64090	.53980	.46686	.05904	.95481	.90718	.94215	.85376	.51633
	GRADIENT	-.00012	-.00052	-.00036	-.00087	-.00044	-.00116	.00136	-.00018	.00110	-.00012

IA310 (AEDC 16TF-783) PROBE CALIBRATION (RCM058) (03 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	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
.800	-3.820	.69427	.72837	.62560	.55297	.12169	1.03570	1.02011	1.08718	.91571	.58034
.800	-2.803	.70814	.73969	.63636	.56153	.13052	1.04461	1.02100	1.08721	.91680	.58508
.801	-1.801	.72304	.75554	.64937	.57620	.14525	1.05408	1.02299	1.08825	.92232	.59495
.800	-.790	.72455	.75987	.64955	.57385	.13744	1.05353	1.02267	1.08730	.91869	.58813
.800	-.211	.72542	.75826	.64819	.57239	.13586	1.05403	1.01953	1.08373	.91880	.58826
.800	.832	.72412	.75801	.64745	.57147	.13484	1.05236	1.01953	1.08314	.91969	.58896
.800	1.835	.71675	.74540	.64115	.56610	.13119	1.04686	1.01846	1.08145	.92003	.58691
.799	2.841	.70780	.73860	.63531	.55908	.12808	1.03978	1.01834	1.08101	.92212	.58447
.800	3.845	.69544	.72737	.62604	.55104	.12344	1.02793	1.01954	1.08185	.92326	.57992
GRADIENT		-.00020	-.00055	-.00037	-.00068	-.00054	-.00111	-.00038	-.00100	.00077	-.00033

RUN NO. 1662/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
.900	-3.810	.76075	.79341	.68935	.62194	.19565	1.08722	1.09424	1.20345	.96843	.63858
.900	-2.784	.77287	.80366	.69899	.62718	.20333	1.09436	1.09393	1.20263	.96847	.64126
.900	-1.783	.78247	.81309	.70629	.63486	.20762	1.10028	1.09431	1.20242	.96997	.64411
.900	-.778	.78945	.82259	.71258	.63941	.21096	1.10373	1.09651	1.20429	.97129	.64525
.900	-.229	.78847	.82094	.71117	.63788	.20981	1.10334	1.09524	1.20354	.97112	.64520
.900	.808	.78786	.82014	.70987	.63640	.20786	1.10209	1.09419	1.20228	.97192	.64546
.900	1.812	.78205	.80949	.70499	.63272	.20533	1.09763	1.09534	1.20340	.97269	.64401
.900	2.821	.77328	.80306	.69874	.62559	.20272	1.08987	1.09569	1.20364	.97422	.64160
.900	3.820	.76128	.79179	.68939	.61714	.19685	1.07892	1.09554	1.20365	.97510	.63661
GRADIENT		-.00002	-.00036	-.00013	-.00058	-.00009	-.00099	.00019	.00007	.00089	-.00014

RUN NO. 1741/ 0 RN/L = 2.51 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
1.099	-3.936	.91892	.94858	.85264	.78679	.40614	1.21195	1.12021	1.14661	1.10153	.79902
1.100	-2.917	.93176	.96029	.86291	.79546	.41156	1.22088	1.12290	1.14765	1.10375	.80352
1.100	-1.913	.93939	.96712	.86896	.80209	.41551	1.22625	1.12562	1.14841	1.10472	.80584
1.101	-.911	.94526	.97577	.87368	.80524	.41777	1.22959	1.12732	1.14889	1.10599	.80773
1.099	-.087	.94347	.97279	.87117	.80275	.41518	1.22805	1.12920	1.14686	1.10492	.80695
1.099	.963	.94279	.97148	.87036	.80194	.41438	1.22694	1.13010	1.14657	1.10583	.80669
1.100	1.957	.93763	.96390	.86707	.79904	.41289	1.22235	1.13087	1.14626	1.10626	.80512
1.099	2.958	.92907	.95716	.86038	.79233	.40897	1.21437	1.13158	1.14602	1.10638	.80147
1.100	3.965	.91930	.94724	.85329	.78568	.40571	1.20444	1.13258	1.14634	1.10760	.79785
GRADIENT		-.00022	-.00044	-.00021	-.00040	-.00031	-.00103	.00151	-.00021	.00060	-.00023

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(RCM058) (03 OCT 91)

PARAMETRIC DATA

ALPHA = -8.000 PHI = 180.000

RUN NO. 1725/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CPB	CPC1	CPC2	CPC3	CPC01	CPU	CPC4	CPC5	CPC6	CPO2
1.249	-3.888	.98691	1.02079	.92258	.85638	.47301	1.28762	1.29029	1.34018	1.17057	.86188
1.250	-2.831	.99735	1.03119	.93139	.86128	.47744	1.29642	1.29180	1.34127	1.17275	.86634
1.250	-1.820	1.00494	1.03782	.93702	.86780	.48061	1.30093	1.29167	1.34059	1.17321	.86832
1.250	-.821	1.00965	1.04428	.94038	.86984	.48228	1.30329	1.29195	1.34038	1.17293	.86858
1.250	-.178	1.01062	1.04402	.94069	.87025	.48241	1.30279	1.29088	1.33936	1.17246	.86866
1.250	.872	1.00892	1.04216	.93933	.86875	.48121	1.30119	1.29107	1.33919	1.17328	.86863
1.249	1.869	1.00339	1.03529	.93562	.86526	.47875	1.29647	1.29072	1.33859	1.17323	.86673
1.250	2.876	.99635	1.02952	.93024	.85934	.47591	1.29049	1.29124	1.33893	1.17466	.86489
1.250	3.887	.98640	1.01901	.92263	.85311	.47195	1.28064	1.29060	1.33820	1.17580	.86102
	GRADIENT	-.00018	-.00036	-.00014	-.00045	-.00024	-.00100	-.00005	-.00035	.00048	-.00019

RUN NO. 1717/ O RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CPB	CPC1	CPC2	CPC3	CPC01	CPU	CPC4	CPC5	CPC6	CPO2
1.400	-3.903	.99823	1.04741	.94107	.87452	.49164	1.32822	1.23746	1.14722	1.20167	.88686
1.400	-2.844	1.00817	1.05724	.94917	.87915	.49513	1.33632	1.24002	1.14834	1.20275	.89080
1.399	-1.841	1.01412	1.06259	.95429	.88379	.49694	1.33991	1.23995	1.14701	1.20194	.89189
1.400	-.835	1.01905	1.06777	.95705	.88624	.49891	1.34232	1.24152	1.14722	1.20236	.89254
1.400	-.159	1.02140	1.06939	.95814	.88637	.49699	1.34409	1.24357	1.14611	1.20384	.89229
1.400	.885	1.02023	1.06825	.95791	.88627	.49691	1.34347	1.24567	1.14682	1.20534	.89326
1.400	1.888	1.01482	1.06269	.95457	.88270	.49468	1.33839	1.24614	1.14599	1.20494	.89110
1.400	2.883	1.00816	1.05752	.94994	.87753	.49269	1.33307	1.24773	1.14638	1.20724	.88956
1.400	3.894	.99761	1.04549	.94101	.86974	.48813	1.32252	1.24844	1.14605	1.20719	.88442
	GRADIENT	-.00002	-.00013	.00005	-.00047	-.00048	-.00062	.00145	-.00022	.00077	-.00025

RUN NO. 1707/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CPB	CPC1	CPC2	CPC3	CPC01	CPU	CPC4	CPC5	CPC6	CPO2
1.450	-3.759	.97588	1.04212	.93332	.86701	.48707	1.32835	1.24406	1.20921	1.20241	.88851
1.450	-2.736	.98476	1.05175	.94116	.87203	.49007	1.33350	1.24448	1.20799	1.20053	.89078
1.450	-1.725	.99328	1.05895	.94894	.87867	.49363	1.33897	1.24724	1.20897	1.20158	.89366
1.449	-.724	.99617	1.06163	.94984	.87966	.49429	1.33819	1.24831	1.20847	1.19953	.89253
1.450	-.271	.99664	1.06228	.95192	.88182	.49498	1.33644	1.25209	1.20826	1.19739	.89144
1.450	.768	.99347	1.06055	.95069	.88048	.49763	1.33476	1.25191	1.20688	1.19760	.89145
1.450	1.777	.98969	1.05660	.94852	.87778	.49615	1.33127	1.25309	1.20703	1.19830	.89014
1.450	2.768	.98310	1.05120	.94327	.87250	.49408	1.32523	1.25471	1.20765	1.19969	.88781
1.450	3.794	.97319	1.03950	.93501	.86472	.49000	1.31503	1.25525	1.20740	1.20155	.88344
	GRADIENT	-.00050	-.00037	.00020	-.00020	.00054	-.00177	.00162	-.00024	-.00024	-.00068

(RCM058) (03 OCT 91)

IA310 (AEDC 16TF-783) PROBE CALIBRATION

PARAMETRIC DATA

ALPHA = -8.000 PHI = 180.000

RUN NO. 1700/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
1.469	-3.779	.95837	1.04082	.93031	.86435	.48218	1.31846	1.23945	1.24720	1.19506	.88282
1.469	-2.756	.96746	1.05188	.93944	.86969	.48794	1.32372	1.24155	1.24744	1.19467	.88549
1.470	-1.751	.97315	1.05593	.94569	.87543	.49139	1.32708	1.24316	1.24721	1.19430	.88640
1.470	-.739	.97653	1.05936	.94752	.87808	.49402	1.32843	1.24470	1.24708	1.19421	.88654
1.469	-.254	.97033	1.05584	.94435	.87490	.49295	1.32657	1.24711	1.24605	1.19533	.88871
1.469	.796	.96775	1.05461	.94415	.87481	.49224	1.32548	1.24788	1.24559	1.19598	.88900
1.470	1.798	.96446	1.05171	.94194	.87193	.49064	1.32219	1.24999	1.24633	1.19677	.88772
1.470	2.797	.95783	1.04605	.93597	.86616	.48729	1.31566	1.25080	1.24592	1.19818	.88551
1.470	3.814	.94980	1.03438	.92832	.85904	.48251	1.30728	1.25144	1.24555	1.19978	.88142
	GRADIENT	-.00160	-.00103	-.00053	-.00077	-.00008	-.00149	.00165	-.00025	.00065	-.00003

RUN NO. 1693/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
1.498	-3.792	.93697	1.03384	.92357	.85827	.48226	1.30382	1.23576	1.28642	1.19053	.88109
1.497	-2.773	.93918	1.04200	.92963	.86123	.48492	1.30260	1.23919	1.28674	1.18684	.88143
1.497	-1.764	.94424	1.04530	.93603	.86702	.48866	1.30513	1.24065	1.28678	1.18613	.88217
1.496	-.758	.94688	1.04852	.93743	.86928	.49171	1.30595	1.24131	1.28612	1.18547	.88196
1.494	-.240	.94185	1.04542	.93479	.86631	.49295	1.30007	1.24217	1.28328	1.18383	.88284
1.495	.813	.93543	1.04353	.93438	.86587	.49214	1.29634	1.24327	1.28310	1.18419	.88320
1.496	1.807	.93271	1.04126	.93149	.86241	.48987	1.29367	1.24486	1.28368	1.18434	.88138
1.495	2.811	.92825	1.03546	.92543	.85647	.48633	1.28957	1.24547	1.28337	1.18589	.87937
1.496	3.820	.92306	1.02460	.91874	.85072	.48241	1.28387	1.24693	1.28409	1.18833	.87630
	GRADIENT	-.00219	-.00126	-.00080	-.00103	.00011	-.00270	.00132	-.00049	-.00028	-.00048

RUN NO. 1688/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
1.521	-3.835	.86438	1.03142	.92212	.85715	.47961	1.24781	1.25253	1.32211	1.18131	.87450
1.521	-2.770	.85862	1.04094	.92930	.86233	.48287	1.24500	1.25328	1.32131	1.18155	.87786
1.520	-1.767	.85585	1.04381	.93549	.86787	.48593	1.24244	1.25484	1.32150	1.18171	.87941
1.520	-.756	.84999	1.04678	.93559	.86874	.48766	1.23687	1.25582	1.32112	1.18009	.87833
1.520	-.234	.80225	1.04342	.93097	.86252	.48587	1.20552	1.25761	1.31993	1.17689	.88206
1.521	.803	.80365	1.04199	.93212	.86376	.48523	1.20802	1.25922	1.32048	1.17811	.88283
1.521	1.812	.80067	1.04113	.92889	.85991	.48215	1.20610	1.25931	1.31966	1.17816	.88076
1.520	2.823	.80938	1.03422	.92279	.85452	.47931	1.21133	1.26001	1.31966	1.17979	.87873
1.520	3.821	.81443	1.02221	.91486	.84623	.47521	1.21373	1.26046	1.31941	1.18151	.87459
	GRADIENT	-.00869	-.00120	-.00115	-.00156	-.00068	-.00585	.00113	-.00035	-.00022	-.00015

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(RCM058) (03 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	CPB	CPC1	CPC2	CPC3	CPC1	CPC3	CPC1	CPC2	CPC3	CPC4	CPC5	CPC6	CPC2
1.543	-3.791	.64598	1.02299	.90901	.84676	.47337	1.08465	1.29426	1.35773	1.18037	1.18037	1.35773	1.18037	.87333
1.545	-2.772	.60848	1.03217	.91600	.85215	.47557	1.03988	1.30109	1.36204	1.17983	1.17983	1.36204	1.17983	.87516
1.544	-1.765	.60464	1.03912	.92267	.85825	.47908	1.03285	1.30103	1.36118	1.17818	1.17818	1.36118	1.17818	.87625
1.543	- .758	.60266	1.04532	.92344	.85830	.48094	1.02746	1.30077	1.36020	1.17610	1.17610	1.36020	1.17610	.87599
1.542	- .236	.59773	1.04679	.92409	.85621	.48171	1.00645	1.29943	1.35787	1.17252	1.17252	1.35787	1.17252	.87405
1.544	.806	.59650	1.04662	.92691	.85905	.48850	1.00876	1.30109	1.35872	1.17597	1.17597	1.35872	1.17597	.87640
1.543	1.817	.59643	1.03984	.92418	.85539	.48466	1.00942	1.30095	1.35795	1.17555	1.17555	1.35795	1.17555	.87393
1.543	2.816	.59786	1.03405	.91801	.84960	.48323	1.01898	1.30173	1.35816	1.17755	1.17755	1.35816	1.17755	.87273
1.544	3.829	.60463	1.02247	.90966	.84342	.48048	1.03466	1.30274	1.35875	1.18063	1.18063	1.35875	1.18063	.87042
	GRADIENT	-.00391	.00003	.00020	-.00048	.00120	-.00573	.00066	-.00026	-.00017	-.00017	-.00026	-.00017	-.00041

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(RCM059) (03 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	CPB	CPC1	CPC2	CPC3	CPC1	CPC3	CPC1	CPC2	CPC3	CPC4	CPC5	CPC6	CPC2
.600	-4.121	.83877	.87244	.79344	.72878	.33788	.77238	.89926	.93737	.59615	.59615	.93737	.59615	.24053
.600	-3.141	.85197	.88672	.80484	.73881	.34497	.78711	.89992	.93861	.60136	.60136	.93861	.60136	.24836
.600	-2.191	.86091	.89597	.81220	.74548	.34925	.79617	.89964	.93894	.60396	.60396	.93894	.60396	.25098
.600	-1.256	.86668	.90290	.81820	.75092	.35367	.80052	.89851	.93835	.60527	.60527	.93835	.60527	.25085
.600	-.303	.87179	.90946	.82440	.75702	.35973	.80148	.89916	.93975	.60582	.60582	.93975	.60582	.25031
.600	.734	.87154	.91012	.82593	.75906	.36277	.79463	.89723	.93842	.60212	.60212	.93842	.60212	.24570
.600	1.785	.86703	.90691	.82464	.75816	.36439	.78651	.89707	.93924	.60248	.60248	.93924	.60248	.24258
.600	2.833	.85874	.89943	.81943	.75350	.36305	.77412	.89669	.93975	.60205	.60205	.93975	.60205	.23809
.600	3.873	.84330	.88447	.80745	.74266	.35666	.75692	.89433	.93830	.60022	.60022	.93830	.60022	.23227
	GRADIENT	.00083	.00183	.00214	.00216	.00278	-.00222	-.00060	.00013	.00018	.00018	.00013	.00018	-.00147

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(RCM059) (03 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	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2	MACH	BETA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2																																																																																							
.799	-4.086	.91706	.95200	.87283	.80692	.40565	.85064	1.00459	1.08142	.67084	.30352	.800	-3.097	.92774	.96358	.88191	.41036	.86254	1.00221	1.08001	.67412	.30902	.800	-2.136	.93596	.97296	.88964	.41436	.87190	1.00109	1.07969	.67765	.31214	.800	-1.188	.94158	.97954	.89546	.41902	.87634	1.00090	1.08038	.67883	.31250	.800	-.228	.94372	.98297	.89872	.42315	.87590	1.00018	1.08057	.67841	.31190	.800	.795	.94336	.98366	.90022	.42605	.87090	1.00037	1.08073	.67659	.30873	.800	1.840	.93834	.97938	.89749	.42599	.86292	1.00050	1.08050	.67678	.30541	.800	2.888	.92982	.97136	.89159	.42402	.85144	1.00064	1.08064	.67621	.30138	.800	3.918	.91697	.95922	.88181	.41866	.83625	1.00986	1.07986	.67497	.29577	.800	GRADIENT	.00014	.00108	.00137	.00203	-.00199	-.00109	-.00005	.00030	-.00122

RUN NO. 1665/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

RUN NO. 1665/ 0		RN/L = 2.50										GRADIENT INTERVAL = -5.00/ 5.00																																																																																																										
MACH	BETA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2	MACH	BETA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2																																																																																															
.900	-4.089	.97074	1.00662	.92509	.86112	.46672	.90738	1.07454	1.20236	.73211	.36969	.900	-3.100	.98188	1.01893	.93493	.86970	.47230	.91946	1.07313	1.20181	.73599	.37551	.900	-2.142	.98940	1.02737	.94156	.87604	.47302	.92762	1.07307	1.20270	.73859	.37817	.900	-1.199	.99406	1.03280	.94621	.88018	.47980	.93095	1.07238	1.20291	.73917	.37822	.900	-.236	.99691	1.03682	.95023	.88417	.48436	.93069	1.07140	1.20298	.73863	.37743	.900	.798	.99641	1.03737	.95144	.88561	.48707	.92643	1.07055	1.20332	.73719	.37475	.900	1.841	.99169	1.03363	.94905	.88352	.48689	.91903	1.06941	1.20330	.73719	.37114	.900	2.881	.98310	1.02526	.94275	.87775	.48427	.90758	1.06756	1.20245	.73587	.36685	.900	3.911	.97248	1.01496	.93499	.87067	.48055	.89457	1.06675	1.20285	.73556	.36241	.900	GRADIENT	.00023	.00109	.00134	.00197	-.00189	-.00095	.00009	.00013	-.00124

RUN NO. 1744/ 0 RN/L = 2.51 GRADIENT INTERVAL = -5.00/ 5.00

RUN NO. 1744/ 0		RN/L = 2.51										GRADIENT INTERVAL = -5.00/ 5.00																																																																																																										
MACH	BETA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2	MACH	BETA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2																																																																																															
1.099	-4.031	1.11195	1.14585	1.06973	1.00979	.64871	1.04981	1.13632	1.14035	.88567	.55621	1.100	-3.023	1.12094	1.15587	1.07756	1.01654	.65309	1.06076	1.13661	1.14077	.88886	.56100	1.100	-2.051	1.12720	1.16325	1.08322	1.02181	.65651	1.06822	1.13675	1.14113	.89186	.56375	1.100	-1.082	1.13058	1.16738	1.08703	1.02518	.65885	1.07144	1.13614	1.14062	.89268	.56443	1.100	-.106	1.13153	1.16941	1.08889	1.02690	.66071	1.07145	1.13550	1.14023	.89304	.56462	1.100	.920	1.12981	1.16841	1.08843	1.02675	.66166	1.06804	1.13484	1.13982	.89305	.56333	1.099	1.944	1.12466	1.16393	1.08485	1.02339	.66013	1.06219	1.13424	1.13957	.89426	.56125	1.100	2.966	1.11800	1.15764	1.08024	1.01930	.65899	1.05302	1.13385	1.13960	.89416	.55871	1.100	3.982	1.10752	1.14763	1.07254	1.01222	.65474	1.04092	1.13302	1.13940	.89406	.55477	1.100	GRADIENT	-.00057	.00022	.00037	.00085	-.00127	-.00046	-.00019	.00091	-.00032

(RCM059) (03 OCT 91)

IA310 (AEDC 16TF-783) PROBE CALIBRATION

PARAMETRIC DATA

ALPHA = 2.000 PHI = 180.000

MACH	BETA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
1.250	-4.076	1.17951	1.21671	1.13839	1.07604	.71015	1.11905	1.27141	1.33181	.95191	.62430
1.250	-3.075	1.18713	1.22562	1.14537	1.08177	.71357	1.12856	1.27022	1.33149	.95397	.62798
1.250	-2.107	1.19432	1.23436	1.15231	1.08817	.71769	1.13636	1.26986	1.33180	.95661	.63043
1.250	-1.162	1.19787	1.23902	1.15633	1.09174	.72044	1.13931	1.26840	1.33127	.95706	.63141
1.250	-.197	1.19996	1.24210	1.15912	1.09429	.72384	1.13865	1.26692	1.33056	.95598	.63064
1.250	.834	1.19983	1.24265	1.16044	1.09581	.72667	1.13540	1.26672	1.33126	.95478	.62844
1.250	1.866	1.19561	1.23892	1.15811	1.09401	.72647	1.12865	1.26558	1.33100	.95513	.62525
1.250	2.910	1.18761	1.23120	1.15219	1.08856	.72408	1.11872	1.26369	1.32998	.95500	.62203
1.250	3.938	1.17787	1.22160	1.14503	1.08224	.72084	1.10693	1.26291	1.33015	.95470	.61781
	GRADIENT	-.00006	.00077	.00101	.00098	.00162	-.00168	-.00106	-.00021	.00015	-.00097

RUN NO. 1720/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
1.400	-4.068	1.20289	1.25674	1.16830	1.10218	.72897	1.13605	1.25291	1.14037	.96817	.64273
1.400	-3.065	1.21059	1.26590	1.17493	1.10792	.73209	1.14602	1.25319	1.14076	.97023	.64578
1.400	-2.100	1.21564	1.27267	1.18069	1.11368	.73496	1.15232	1.25267	1.14037	.97149	.64702
1.400	-1.151	1.21855	1.27811	1.18587	1.11809	.73741	1.15398	1.25205	1.13991	.97028	.64673
1.400	-.177	1.22034	1.28194	1.18924	1.12108	.74084	1.15342	1.25125	1.13945	.96891	.64666
1.400	.855	1.21967	1.28198	1.19024	1.12228	.74327	1.15031	1.25178	1.14029	.96751	.64472
1.400	1.884	1.21564	1.27677	1.18676	1.11964	.74307	1.14413	1.25039	1.13932	.96799	.64166
1.400	2.919	1.20990	1.27033	1.18157	1.11474	.74162	1.13479	1.25000	1.13946	.96810	.63897
1.400	3.945	1.20123	1.26233	1.17583	1.10944	.73907	1.12386	1.24984	1.13986	.96859	.63609
	GRADIENT	-.00016	.00075	.00107	.00106	.00150	-.00176	-.00044	-.00013	-.00024	-.00101

RUN NO. 1710/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
1.450	-4.110	1.18609	1.25656	1.16527	1.09796	.72228	1.11963	1.25667	1.20192	.96228	.64143
1.449	-3.124	1.19183	1.26589	1.17214	1.10358	.72531	1.12712	1.25496	1.20039	.96226	.64227
1.450	-2.172	1.19693	1.27400	1.17907	1.11070	.73052	1.13304	1.25573	1.20132	.96414	.64415
1.449	-1.245	1.20037	1.28097	1.18576	1.11655	.73371	1.13434	1.25514	1.20085	.96314	.64410
1.449	-.287	1.20313	1.28636	1.18971	1.11973	.73875	1.13314	1.25472	1.20070	.96071	.64277
1.450	.743	1.20330	1.28625	1.19105	1.12145	.74086	1.12898	1.25476	1.20107	.95797	.63874
1.450	1.791	1.20049	1.28032	1.18759	1.11982	.74135	1.12283	1.25449	1.20120	.95814	.63543
1.450	2.852	1.19607	1.27353	1.18153	1.11388	.73943	1.11401	1.25302	1.20018	.95758	.63168
1.449	3.891	1.18678	1.26465	1.17504	1.10700	.73540	1.10281	1.25160	1.19922	.95716	.62804
	GRADIENT	.00037	.00114	.00143	.00145	.00203	-.00228	-.00049	-.00019	-.00087	-.00183

IA310 (AEDC 16TF-783) PROBE CALIBRATION (RCM059) (03 OCT 91)

PARAMETRIC DATA

ALPHA = 2.000 PHI = 180.000

RUN NO. 1703/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
1.484	-4.105	1.16361	1.25281	1.16081	1.09422	.71746	1.09590	1.25214	1.23957	.95563	.63945
1.470	-3.111	1.16879	1.26184	1.16742	1.10015	.72182	1.10373	1.25199	1.23955	.95701	.64061
1.470	-2.157	1.17221	1.26869	1.17277	1.10474	.72530	1.10760	1.25198	1.23964	.95837	.64152
1.470	-1.226	1.17344	1.27277	1.17578	1.10696	.72832	1.10661	1.25147	1.23933	.95780	.64160
1.485	.265	1.17526	1.27552	1.17903	1.11049	.73280	1.10475	1.25121	1.23922	.95628	.64029
1.471	.759	1.17712	1.27725	1.18174	1.11393	.73718	1.10184	1.25086	1.23920	.95454	.63734
1.470	1.813	1.17521	1.27353	1.17831	1.11068	.73595	1.09636	1.24971	1.23843	.95312	.63241
1.470	2.863	1.17161	1.26899	1.17477	1.10667	.73522	1.08996	1.24942	1.23856	.95350	.62997
1.484	3.899	1.16378	1.25913	1.16793	1.09993	.73140	1.08083	1.24841	1.23798	.95306	.62647
GRADIENT		.00028	.00096	.00108	.00098	.00208	-.00226	-.00047	-.00020	-.00058	-.00180

RUN NO. 1696/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
1.495	-4.100	1.12309	1.24544	1.15242	1.08529	.71295	1.05422	1.24636	1.27742	.94740	.63633
1.495	-3.103	1.12177	1.25420	1.15825	1.09194	.71610	1.05387	1.24594	1.27709	.94834	.63638
1.495	-2.146	1.12183	1.26083	1.16366	1.09661	.71980	1.05425	1.24664	1.27782	.95024	.63761
1.494	-1.213	1.12177	1.26535	1.16777	1.10050	.72329	1.05154	1.24628	1.27757	.94921	.63801
1.494	-.258	1.12209	1.26826	1.17117	1.10396	.72790	1.04703	1.24506	1.27660	.94641	.63621
1.495	.779	1.12588	1.26989	1.17371	1.10665	.73150	1.04603	1.24490	1.27684	.94463	.63304
1.495	1.819	1.12658	1.26737	1.17209	1.10535	.73223	1.04326	1.24392	1.27620	.94422	.62934
1.495	2.874	1.12840	1.26226	1.16898	1.10255	.73141	1.04192	1.24363	1.27637	.94503	.62671
1.495	3.907	1.12534	1.25332	1.16300	1.09554	.72880	1.03736	1.24237	1.27584	.94521	.62388
GRADIENT		.00071	.00117	.00158	.00157	.00236	-.00219	-.00050	-.00021	-.00059	-.00169

RUN NO. 1691/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
1.521	-4.099	.96305	1.24138	1.14768	1.08249	.71080	.88246	1.25773	1.31220	.94095	.63464
1.521	-3.103	.92922	1.25006	1.15322	1.08715	.71403	.84769	1.25715	1.31190	.94154	.63522
1.521	-2.151	.90762	1.25733	1.15824	1.09144	.71737	.82509	1.25706	1.31198	.94301	.63638
1.521	-1.215	.89779	1.26347	1.16286	1.09529	.72026	.81326	1.25698	1.31220	.94141	.63727
1.521	-.256	.89992	1.26794	1.16695	1.09913	.72403	.81030	1.25666	1.31226	.94097	.63709
1.521	.778	.89917	1.26729	1.16807	1.10048	.72669	.80347	1.25504	1.31112	.93650	.63348
1.521	1.826	.91160	1.26248	1.16605	1.09925	.72745	.81239	1.25430	1.31080	.93629	.63113
1.521	2.875	.93768	1.25613	1.16190	1.09568	.72612	.83822	1.25444	1.31142	.93664	.62818
1.521	3.907	.96255	1.24651	1.15518	1.08919	.72285	.86389	1.25335	1.31082	.93777	.62503
GRADIENT		.00073	.00081	.00124	.00118	.00183	-.00211	-.00055	-.00017	-.00077	-.00125

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(RCM059) (03 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	CPB	CPC1	CPC2	CPC3	CP01	CPU	CPC4	CPC5	CPC6	CP02
1.544	-4.099	.82141	1.25190	1.14303	1.07835	.70776	.73108	1.28739	1.35160	.93283	.62985
1.544	-3.108	.93116	1.30082	1.15542	1.08540	.71084	.86487	1.28692	1.35164	.93500	.63182
1.544	-2.147	.97054	1.29878	1.16256	1.08962	.71273	.91356	1.28513	1.35105	.93597	.63242
1.543	-1.209	.98416	1.29332	1.16842	1.09439	.71565	.92947	1.28309	1.35062	.93782	.63441
1.543	.250	.98482	1.30222	1.17253	1.09804	.71996	.92688	1.28128	1.35081	.93682	.63648
1.543	.782	.97017	1.31754	1.17267	1.09911	.72207	.90812	1.27788	1.34967	.93271	.63329
1.544	1.820	.94134	1.32010	1.17006	1.09824	.72203	.87334	1.27598	1.34968	.93050	.63069
1.543	2.879	.85932	1.28259	1.16165	1.09338	.72047	.77681	1.27435	1.34951	.92507	.62767
1.544	3.907	.81205	1.25364	1.15347	1.08741	.71834	.71977	1.27357	1.34953	.92267	.62490
	GRADIENT	-.00588	.00019	.00126	.00133	.00159	-.00740	-.00194	-.00031	-.00147	-.00064

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(RCM060) (03 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	CPB	CPC1	CPC2	CPC3	CP01	CPU	CPC4	CPC5	CPC6	CP02
1.250	-5.036	1.06917	1.10127	1.00845	.94028	.55393	1.25644	1.25636	1.32713	1.11162	.79770
1.250	-4.776	1.07430	1.10654	1.01459	.94631	.56028	1.25183	1.25710	1.32742	1.10599	.79109
1.250	-4.525	1.07877	1.11131	1.01970	.95160	.56597	1.24763	1.25728	1.32716	1.10102	.78527
1.249	-4.279	1.08355	1.11638	1.02499	.95685	.57116	1.24355	1.25757	1.32694	1.09583	.77908
1.250	-4.029	1.08886	1.12202	1.03114	.96299	.57796	1.23953	1.25769	1.32650	1.09071	.77364
1.250	-3.788	1.09363	1.12736	1.03649	.96820	.58370	1.23549	1.25786	1.32654	1.08543	.76744
1.250	-3.537	1.09945	1.13404	1.04287	.97442	.59055	1.23193	1.25868	1.32706	1.08038	.76156
1.250	-3.289	1.10466	1.14016	1.04856	.98020	.59689	1.22798	1.25882	1.32695	1.07517	.75591
1.250	-3.041	1.10845	1.14488	1.05313	.98496	.60235	1.22265	1.25784	1.32574	1.06875	.74913
	GRADIENT	.02024	.02265	.02275	.02268	.02467	-.01642	.00079	-.00060	-.02123	-.02401

IA310 (AEDC 16TF-783) PROBE CALIBRATION (RCM061) (03 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	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
1.250	-5.032	1.06964	1.10198	1.00754	.94053	.55447	1.25630	1.25562	1.32433	1.11147	.79757
1.250	-4.767	1.07473	1.10726	1.01377	.94663	.56071	1.25176	1.25608	1.32430	1.10593	.79077
1.250	-4.519	1.07920	1.11162	1.01889	.95186	.56636	1.24767	1.25650	1.32427	1.10082	.78489
1.250	-4.271	1.08441	1.11710	1.02494	.95782	.57234	1.24353	1.25667	1.32392	1.09585	.77925
1.250	-4.022	1.08933	1.12215	1.03048	.96336	.57836	1.23988	1.25690	1.32387	1.09063	.77326
1.250	-3.774	1.09484	1.12790	1.03685	.96940	.58473	1.23581	1.25719	1.32387	1.08556	.76726
1.250	-3.525	1.09965	1.13318	1.04259	.97473	.59097	1.23134	1.25734	1.32365	1.07995	.76110
1.250	-3.276	1.10424	1.13820	1.04775	.97996	.59674	1.22704	1.25712	1.32317	1.07427	.75501
1.250	-3.027	1.10941	1.14401	1.05360	.98578	.60314	1.22282	1.25704	1.32289	1.06879	.74887
	GRADIENT	.02007	.02127	.02310	.02257	.02448	-.01658	.00058	-.00077	-.02134	-.02409

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(RCM062) (03 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	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
1.250	-5.016	1.06966	1.10229	1.00731	.93941	.55447	1.25559	1.25472	1.32121	1.11093	.79680
1.250	-4.758	1.07549	1.10850	1.01407	.94623	.56158	1.25184	1.25556	1.32171	1.10611	.79080
1.250	-4.511	1.07979	1.11291	1.01891	.95129	.56708	1.24753	1.25569	1.32133	1.10084	.78469
1.250	-4.259	1.08498	1.11830	1.02467	.95724	.57278	1.24366	1.25597	1.32121	1.09596	.77890
1.250	-4.007	1.08987	1.12346	1.03029	.96293	.57897	1.23917	1.25632	1.32116	1.09021	.77273
1.250	-3.760	1.09469	1.12857	1.03577	.96838	.58472	1.23518	1.25606	1.32052	1.08509	.76657
1.250	-3.513	1.09998	1.13422	1.04172	.97402	.59109	1.23126	1.25630	1.32051	1.07992	.76074
1.250	-3.261	1.10461	1.13967	1.04730	.97974	.59737	1.22665	1.25603	1.31995	1.07402	.75446
1.250	-3.019	1.10978	1.14493	1.05300	.98540	.60358	1.22254	1.25636	1.32016	1.06869	.74850
	GRADIENT	.01980	.02113	.02253	.02259	.02421	-.01677	.00038	-.00098	-.02149	-.02429

IA310 (AEDC 16TF-783) PROBE CALIBRATION (RCM063) (03 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	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
1.250	-5.009	1.07020	1.10271	1.00809	.93948	.55464	1.25559	1.25402	1.31837	1.11108	.79673
1.250	-4.752	1.07573	1.10848	1.01442	.94591	.56152	1.25154	1.25477	1.31878	1.10594	.79044
1.250	-4.500	1.08045	1.11358	1.01986	.95157	.56731	1.24764	1.25513	1.31872	1.10102	.78456
1.249	-4.249	1.08495	1.11842	1.02523	.95705	.57293	1.24290	1.25478	1.31801	1.09540	.77838
1.250	-4.002	1.09034	1.12400	1.03099	.96289	.57926	1.23911	1.25543	1.31827	1.09032	.77242
1.250	-3.751	1.09505	1.12918	1.03678	.96871	.58555	1.23475	1.25499	1.31754	1.08501	.76631
1.250	-3.500	1.10013	1.13454	1.04232	.97405	.59134	1.23082	1.25572	1.31792	1.07958	.76019
1.250	-3.254	1.10556	1.14069	1.04858	.98046	.59811	1.22700	1.25579	1.31778	1.07453	.75455
1.250	-3.003	1.11045	1.14602	1.05415	.98608	.60410	1.22273	1.25561	1.31738	1.06877	.74819
	GRADIENT	.01997	.02154	.02282	.02301	.02449	-.01647	.00055	-.00074	-.02124	-.02415

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(RCM064) (03 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	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
1.250	-5.001	1.07025	1.10308	1.00899	.94080	.55529	1.25506	1.25185	1.31523	1.11089	.79648
1.250	-4.738	1.07550	1.10856	1.01527	.94713	.56171	1.25077	1.25256	1.31547	1.10572	.78987
1.250	-4.492	1.08047	1.11378	1.02103	.95303	.56775	1.24727	1.25323	1.31568	1.10118	.78451
1.250	-4.240	1.08543	1.11928	1.02702	.95897	.57382	1.24276	1.25338	1.31538	1.09586	.77842
1.250	-3.993	1.09059	1.12476	1.03291	.96470	.57987	1.23907	1.25368	1.31525	1.09087	.77261
1.250	-3.737	1.09562	1.13024	1.03862	.97030	.58623	1.23469	1.25342	1.31467	1.08532	.76625
1.250	-3.490	1.10055	1.13603	1.04433	.97584	.59247	1.23035	1.25381	1.31469	1.07992	.76022
1.250	-3.239	1.10493	1.14106	1.04926	.98079	.59784	1.22567	1.25371	1.31440	1.07392	.75341
1.249	-2.988	1.11038	1.14720	1.05528	.98685	.60436	1.22208	1.25351	1.31402	1.06888	.74767
	GRADIENT	.01982	.02200	.02277	.02250	.02432	-.01667	.00048	-.00092	-.02129	-.02434

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(RCM065) (03 OCT 91)

PARAMETRIC DATA

BETA = .250 PHI = 180.000

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
1.249	-4.991	1.07022	1.10340	1.00992	.94121	.55515	1.25442	1.25034	1.31252	1.11064	.79579
1.250	-4.732	1.07561	1.10893	1.01622	.94743	.56170	1.25018	1.25087	1.31262	1.10536	.78928
1.250	-4.485	1.08067	1.11447	1.02217	.95339	.56779	1.24649	1.25118	1.31251	1.10079	.78370
1.250	-4.232	1.08530	1.11976	1.02748	.95883	.57355	1.24192	1.25121	1.31222	1.09537	.77741
1.250	-3.979	1.09032	1.12562	1.03343	.96455	.57980	1.23797	1.25158	1.31215	1.09035	.77157
1.250	-3.732	1.09524	1.13102	1.03887	.97006	.58585	1.23363	1.25145	1.31171	1.08486	.76521
1.250	-3.479	1.10069	1.13722	1.04482	.97598	.59244	1.22990	1.25166	1.31161	1.07996	.75955
1.250	-3.226	1.10469	1.14225	1.04977	.98102	.59809	1.22478	1.25100	1.31075	1.07375	.75277
1.250	-2.977	1.11045	1.14852	1.05604	.98736	.60477	1.22141	1.25179	1.31135	1.06907	.74725
	GRADIENT	.01976	.02235	.02266	.02265	.02447	-.01655	.00049	-.00084	-.02076	-.02414

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(RCM066) (03 OCT 91)

PARAMETRIC DATA

BETA = .500 PHI = 180.000

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
1.250	-4.984	1.07067	1.10422	1.01080	.94167	.55570	1.25418	1.24894	1.31017	1.11106	.79581
1.250	-4.725	1.07549	1.10983	1.01666	.94758	.56190	1.24937	1.24888	1.30963	1.10540	.78900
1.250	-4.471	1.08035	1.11518	1.02212	.95317	.56756	1.24548	1.24905	1.30937	1.10050	.78306
1.250	-4.221	1.08494	1.12051	1.02737	.95849	.57342	1.24090	1.24935	1.30931	1.09504	.77675
1.250	-3.972	1.09000	1.12659	1.03332	.96433	.57968	1.23714	1.24953	1.30919	1.09043	.77107
1.250	-3.717	1.09465	1.13195	1.03868	.96975	.58566	1.23258	1.24945	1.30882	1.08493	.76468
1.250	-3.466	1.10040	1.13812	1.04484	.97579	.59244	1.22917	1.24995	1.30903	1.08002	.75891
1.250	-3.210	1.10518	1.14367	1.05037	.98158	.59873	1.22476	1.24969	1.30850	1.07448	.75277
1.250	-2.963	1.10976	1.14859	1.05544	.98670	.60449	1.22014	1.24961	1.30825	1.06855	.74605
	GRADIENT	.01950	.02222	.02222	.02237	.02429	-.01658	.00046	-.00081	-.02073	-.02431

IA310 (AEDC 16TF-783) PROBE CALIBRATION (RCM067) (03 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	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
1.250	-4.976	1.07054	1.10543	1.01115	.94181	.55590	1.25375	1.24709	1.30735	1.11152	.79551
1.250	-4.715	1.07526	1.11093	1.01678	.94755	.56224	1.24868	1.24706	1.30686	1.10564	.78867
1.250	-4.464	1.07996	1.11650	1.02224	.95324	.56776	1.24488	1.24762	1.30702	1.10115	.78308
1.250	-4.212	1.08517	1.12218	1.02786	.95902	.57409	1.24066	1.24747	1.30646	1.09589	.77693
1.250	-3.960	1.08964	1.12743	1.03319	.96425	.57988	1.23616	1.24758	1.30621	1.09035	.77052
1.250	-3.708	1.09476	1.13323	1.03890	.97004	.58617	1.23236	1.24775	1.30611	1.08562	.76479
1.250	-3.453	1.10002	1.13880	1.04473	.97573	.59295	1.22829	1.24783	1.30584	1.08031	.75847
1.250	-3.203	1.10488	1.14404	1.05026	.98140	.59868	1.22417	1.24811	1.30589	1.07473	.75215
1.250	-2.947	1.10966	1.14933	1.05572	.98698	.60480	1.21971	1.24754	1.30510	1.06922	.74583
	GRADIENT	.01944	.02178	.02205	.02228	.02415	-.01655	.00037	-.00096	-.02068	-.02435

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(RCM068) (03 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	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
1.250	-4.968	1.06955	1.10624	1.01045	.94114	.55565	1.25240	1.24509	1.30421	1.11131	.79472
1.250	-4.705	1.07482	1.11214	1.01652	.94732	.56219	1.24810	1.24546	1.30408	1.10617	.78837
1.250	-4.455	1.07918	1.11698	1.02147	.95244	.56764	1.24348	1.24572	1.30383	1.10087	.78220
1.250	-4.206	1.08419	1.12249	1.02717	.95835	.57376	1.23932	1.24588	1.30364	1.09578	.77615
1.250	-3.950	1.08918	1.12789	1.03299	.96412	.58007	1.23534	1.24592	1.30348	1.09066	.77021
1.250	-3.694	1.09381	1.13287	1.03832	.96951	.58595	1.23087	1.24598	1.30321	1.08526	.76378
1.250	-3.440	1.09877	1.13808	1.04383	.97485	.59204	1.22688	1.24578	1.30277	1.08016	.75771
1.250	-3.190	1.10433	1.14400	1.05005	.98127	.59889	1.22332	1.24633	1.30213	1.07552	.75215
1.250	-2.938	1.10932	1.14922	1.05583	.98717	.60529	1.21903	1.24608	1.30270	1.07004	.74584
	GRADIENT	.01949	.02105	.02223	.02249	.02431	-.01641	.00044	-.00075	-.02032	-.02404

(RCM069) (03 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	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
.599	-7.999	.64351	.68127	.56901	.49475	.07842	.98333	.94173	.95937	.84902	.52482
.599	-6.982	.66809	.70338	.59569	.52187	.10544	.96730	.94189	.95859	.82665	.49687
.600	-5.975	.69553	.72700	.62380	.55102	.13568	.95175	.94357	.95950	.80547	.47054
.600	-4.979	.71841	.75029	.64972	.57825	.16383	.93371	.94250	.95803	.78160	.44340
.600	-3.977	.74223	.77442	.67697	.60544	.19067	.91603	.94233	.95766	.75783	.41515
.600	-2.974	.76759	.80144	.70487	.63377	.22082	.89797	.94240	.95761	.73401	.38856
.600	-1.968	.79111	.82614	.73084	.66015	.24935	.87880	.94235	.95789	.70980	.36022
.601	-.949	.81296	.84800	.75535	.68522	.27824	.85753	.94067	.95654	.68353	.33028
.600	-.078	.83099	.86760	.77683	.70763	.30238	.84391	.92169	.95040	.66198	.30836
.600	.971	.85077	.88820	.80034	.73264	.33168	.82187	.92081	.94994	.63275	.27749
.600	1.989	.87209	.90932	.82421	.75706	.36046	.80102	.92044	.95028	.60527	.25063
	GRADIENT	.02200	.02286	.02498	.02565	.02830	-.01903	-.00389	-.00138	-.02526	-.02774

RUN NO. 1747/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
.800	-7.999	.72647	.76103	.64981	.57404	.13853	1.05332	1.05213	1.09436	.91893	.58816
.800	-6.978	.75150	.78408	.67678	.60229	.16722	1.03875	1.05210	1.09399	.89742	.56093
.800	-5.977	.77559	.80584	.70257	.62887	.19547	1.02212	1.05265	1.09437	.87465	.53313
.800	-4.976	.79827	.82852	.72838	.65551	.22395	1.00482	1.05185	1.09355	.85182	.50624
.800	-3.981	.82130	.85278	.75568	.68249	.25333	.98809	1.05183	1.09369	.82978	.47983
.800	-2.974	.84379	.87815	.78209	.70930	.28261	.96936	1.05162	1.09390	.80544	.45137
.801	-1.972	.86577	.90180	.80674	.73475	.31142	.95073	1.05087	1.09362	.78160	.42346
.800	-.965	.88743	.92507	.83118	.76044	.34031	.93265	1.04986	1.09365	.75721	.39480
.800	.147	.90954	.94865	.85795	.78842	.37276	.91199	1.04863	1.09403	.72789	.36274
.800	.988	.92475	.96421	.87605	.80744	.39529	.89594	1.04424	1.09264	.70524	.33954
.800	1.998	.94432	.98363	.89846	.83024	.42358	.87526	1.04240	1.09223	.67767	.31107
	GRADIENT	.02093	.02236	.02434	.02513	.02864	-.01854	-.00135	-.00016	-.02497	-.02811

RUN NO. 1660/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
.900	-8.000	.79017	.82330	.71332	.63979	.21117	1.10266	1.14904	1.19783	.97060	.64404
.899	-6.979	.81284	.84374	.73791	.66512	.23824	1.08700	1.14775	1.19702	.94817	.61688
.900	-5.970	.83589	.86603	.76415	.69224	.26692	1.07214	1.14872	1.19862	.92783	.59202
.900	-4.971	.85781	.88805	.78870	.71815	.29392	1.05538	1.14834	1.19893	.90567	.56561
.900	-3.977	.87851	.91010	.81340	.74282	.32039	1.03785	1.14659	1.19796	.88319	.53827
.900	-2.966	.90201	.93628	.84044	.76961	.34968	1.02177	1.14747	1.20002	.86133	.51245
.900	-1.966	.92103	.95710	.86232	.79241	.37608	1.00251	1.14605	1.19972	.83671	.48427
.900	-.955	.94291	.98088	.88716	.81802	.40528	.98588	1.14448	1.19955	.81416	.45782
.900	-.086	.95827	.99746	.90569	.83780	.43758	.97034	1.11953	1.20386	.79170	.43413
.900	.994	.97780	1.01801	.92922	.86242	.45737	.95000	1.11888	1.20436	.76449	.40417
.900	2.003	.99645	1.03622	.95037	.88434	.48454	.92987	1.11490	1.20150	.73764	.37637
	GRADIENT	.01989	.02141	.02318	.02390	.02739	-.01787	-.00546	.00073	-.02402	-.02708

IA310 (AEDC 16TF-783) REPEAT RUNS

(RCM069) (03 OCT 91)

PARAMETRIC DATA

BETA = .000 PHI = 180.000

RUN NO. 1739/ 0 RN/L = 2.51 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
1.099	-8.003	.94431	.97384	.87256	.80393	.41613	1.22747	1.11436	1.15296	1.10406	.80546
1.101	-6.975	.96716	.99524	.89756	.82903	.44241	1.21533	1.11708	1.15399	1.08601	.78350
1.101	-5.975	.98610	1.01383	.91949	.85170	.46665	1.20040	1.11900	1.15458	1.06571	.75903
1.100	-4.978	1.00549	1.03358	.94135	.87481	.49026	1.18527	1.12029	1.15435	1.04590	.73458
1.100	-3.968	1.02521	1.05429	.96406	.89796	.51432	1.16920	1.12125	1.15416	1.02520	.71024
1.100	-2.977	1.04515	1.07640	.98754	.92154	.53942	1.15379	1.12197	1.15422	1.00447	.68583
1.100	-1.970	1.06424	1.09758	1.00958	.94377	.56434	1.13751	1.12277	1.15404	.98310	.66176
1.100	-.971	1.08161	1.11734	1.02997	.96505	.58837	1.12121	1.12254	1.15323	.96090	.63632
1.100	.041	1.09817	1.13529	1.05048	.98649	.61298	1.10442	1.12249	1.15282	.93777	.61029
1.100	1.007	1.11491	1.15282	1.07007	1.00724	.63667	1.08879	1.12314	1.15250	.91668	.58847
1.100	2.014	1.13175	1.16938	1.08952	1.02749	.66118	1.07118	1.12287	1.15216	.89230	.56388
GRADIENT		.01799	.01955	.02118	.02183	.02448	-.01627	.00034	-.00034	-.02194	-.02451

RUN NO. 1723/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
1.250	-7.999	1.01084	1.04505	.94111	.87033	.48252	1.30290	1.32312	1.34901	1.17285	.86814
1.250	-6.974	1.03153	1.06426	.96419	.89417	.50729	1.28852	1.32315	1.34903	1.15168	.84465
1.250	-5.971	1.05181	1.08377	.98659	.91764	.53157	1.27303	1.32304	1.34899	1.13097	.82014
1.250	-4.969	1.07137	1.10413	1.00982	.94152	.55608	1.25575	1.32308	1.34920	1.11129	.79634
1.250	-3.973	1.09042	1.12432	1.03202	.96377	.57933	1.23886	1.32191	1.34836	1.09030	.77191
1.250	-2.972	1.11006	1.14678	1.05457	.98616	.60391	1.22206	1.32120	1.34802	1.06867	.74745
1.250	-1.970	1.13005	1.16828	1.07671	1.00888	.62887	1.20629	1.32072	1.34810	1.04739	.72436
1.250	-.960	1.14885	1.18981	1.09879	1.03179	.65356	1.19003	1.31954	1.34772	1.02538	.70037
1.250	.118	1.16736	1.20877	1.12122	1.05532	.67958	1.17070	1.31771	1.34729	1.00024	.67351
1.250	.996	1.18386	1.22500	1.13898	1.07398	.70033	1.15690	1.31424	1.34673	.97947	.65364
1.250	2.008	1.20046	1.24259	1.15960	1.09485	.72457	1.13834	1.31245	1.34611	.95524	.63006
GRADIENT		.01860	.02001	.02150	.02209	.02425	-.01670	-.00148	-.00039	-.02231	-.02383

RUN NO. 1712/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
1.400	-7.997	1.02088	1.06962	.95872	.88702	.49975	1.34215	1.22766	1.16250	1.20199	.89209
1.400	-6.974	1.04022	1.08919	.98223	.91050	.52285	1.32377	1.22857	1.16167	1.17966	.86742
1.400	-5.972	1.06098	1.11027	1.00638	.93513	.54666	1.30581	1.23109	1.16299	1.15767	.84269
1.400	-4.974	1.08051	1.13097	1.02943	.95879	.56986	1.28629	1.23134	1.16189	1.13453	.81729
1.400	-3.973	1.10164	1.15486	1.05362	.98264	.59375	1.26755	1.23308	1.16247	1.11309	.79315
1.400	-2.972	1.12350	1.17862	1.07765	1.00667	.61838	1.24751	1.23342	1.16189	1.09026	.76764
1.400	-1.972	1.14420	1.20103	1.10070	1.02998	.64293	1.22894	1.23392	1.16176	1.06722	.74299
1.400	-.966	1.16484	1.22366	1.12349	1.05310	.66720	1.21145	1.23454	1.16189	1.04305	.71694
1.399	1.111	1.18500	1.24573	1.14806	1.07877	.69449	1.19053	1.23410	1.16098	1.01586	.68949
1.400	.998	1.20298	1.26369	1.16786	1.09911	.71640	1.17407	1.23477	1.16107	.99433	.66971
1.400	2.020	1.22114	1.28294	1.19036	1.12207	.74186	1.15336	1.23448	1.16072	.96847	.64624
GRADIENT		.02018	.02179	.02298	.02337	.02462	-.01887	-.00039	-.00021	-.02383	-.02469

(RCM069) (03 OCT 91)

IA310 (AEDC 16TF-783) REPEAT RUNS

PARAMETRIC DATA

BETA = .000 PHI = 180.000

RUN NO. 1705/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
1.450	-7.994	.99877	1.06485	.95262	.88146	.49657	1.33886	1.24252	1.21433	1.19986	.89302
1.450	-6.971	1.01740	1.08302	.97523	.90465	.51613	1.31768	1.24401	1.21461	1.17731	.86747
1.450	-5.968	1.03681	1.10416	.99953	.92926	.53864	1.29526	1.24461	1.21374	1.15410	.84147
1.450	-4.971	1.05809	1.12825	1.02526	.95422	.56319	1.27680	1.24625	1.21419	1.13183	.81721
1.450	-3.968	1.07948	1.15343	1.04971	.97780	.58725	1.25655	1.24732	1.21403	1.10929	.79226
1.450	-2.965	1.09996	1.17717	1.07386	1.00171	.61216	1.23308	1.24766	1.21351	1.08639	.76621
1.450	-1.961	1.12126	1.19939	1.09650	1.02579	.63731	1.21263	1.24809	1.21325	1.06173	.74085
1.450	-.944	1.14605	1.22545	1.12112	1.05050	.66347	1.19646	1.24918	1.21388	1.03632	.71551
1.449	-.091	1.16094	1.24113	1.13951	1.06929	.68566	1.17480	1.24808	1.21200	1.01363	.69083
1.450	.974	1.18695	1.26686	1.16607	1.09579	.71377	1.15704	1.24915	1.21297	.98645	.66661
1.450	2.001	1.20413	1.28741	1.19089	1.12091	.74003	1.13342	1.24835	1.21226	.96073	.64278
GRADIENT		.02126	.02361	.02361	.02387	.02546	-.02035	.00032	-.00027	-.02472	-.02526

RUN NO. 1698/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
1.471	-7.998	.97757	1.06064	.94831	.87726	.49488	1.32737	1.23771	1.25312	1.19324	.88554
1.471	-6.970	.99647	1.08178	.97285	.90171	.51657	1.30611	1.23921	1.25268	1.17000	.86046
1.472	-5.972	1.01526	1.10404	.99777	.92705	.53913	1.28055	1.24093	1.25289	1.14656	.83526
1.471	-4.970	1.03372	1.12623	1.02219	.95177	.56189	1.25649	1.24198	1.25297	1.12554	.80973
1.471	-3.973	1.05384	1.14887	1.04551	.97478	.58412	1.23243	1.24225	1.25215	1.09863	.78464
1.471	-2.970	1.07455	1.17355	1.06976	.99859	.60865	1.20967	1.24331	1.25236	1.07488	.76001
1.471	-1.962	1.09295	1.19625	1.09302	1.02234	.63305	1.18576	1.24344	1.25181	1.05098	.73514
1.470	-.947	1.11147	1.21679	1.11466	1.04544	.65835	1.16193	1.24359	1.25151	1.02552	.70886
1.469	.149	1.13542	1.23910	1.13804	1.06875	.68608	1.14055	1.24398	1.25148	1.00090	.68245
1.469	.980	1.15212	1.25460	1.15556	1.08657	.70698	1.12346	1.24392	1.25131	.98114	.66227
1.469	2.007	1.17605	1.27465	1.17837	1.10996	.73274	1.10523	1.24331	1.25073	.95486	.63895
GRADIENT		.02011	.02126	.02227	.02263	.02462	-.02192	.00024	-.00027	-.02392	-.02461

RUN NO. 1668/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
1.496	-7.999	.93340	1.04328	.93278	.86409	.48998	1.29281	1.33373	1.36299	1.17947	.87581
1.497	-6.971	.94653	1.06480	.95764	.88887	.51154	1.26681	1.33423	1.36309	1.15496	.85001
1.497	-5.968	.95694	1.08906	.98301	.91366	.53169	1.23610	1.33433	1.36299	1.13192	.82482
1.496	-4.966	.96606	1.10951	1.00618	.93726	.55233	1.20288	1.33466	1.36326	1.10782	.79949
1.497	-3.969	.97848	1.13225	1.03024	.96146	.57521	1.17159	1.33595	1.36467	1.08420	.77532
1.497	-2.967	.99149	1.15866	1.05512	.98558	.59939	1.13775	1.33720	1.36627	1.05974	.75015
1.497	-1.965	1.00160	1.18096	1.07697	1.00792	.62298	1.10396	1.33595	1.36558	1.03499	.72423
1.497	-.953	1.01867	1.20257	1.09974	1.03129	.64864	1.07661	1.33373	1.36394	1.01097	.69899
1.497	.161	1.04177	1.22545	1.12373	1.05535	.67753	1.04682	1.33163	1.36363	.98324	.67163
1.496	.878	1.06342	1.23962	1.14029	1.07253	.69519	1.03545	1.32909	1.36318	.96836	.65677
1.496	1.999	1.09501	1.25940	1.16367	1.09719	.72242	1.01871	1.32780	1.36284	.93869	.63119
GRADIENT		.01789	.02169	.02256	.02287	.02459	-.02726	-.00121	-.00024	-.02419	-.02438

IA310 (AEDC 16TF-783) REPEAT RUNS

(RCM069) (03 OCT 91)

PARAMETRIC DATA

BETA = .000 PHI = 180.0000

RUN NO. 1686/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPC01	CPU	CPC4	CPC5	CPC6	CP02
1.520	-7.997	.84275	1.04602	.93576	.86732	.48773	1.23020	1.25622	1.32780	1.17867	.87727
1.520	-6.969	.82499	1.06818	.95946	.89115	.51178	1.17703	1.25774	1.32803	1.15462	.85142
1.520	-5.968	.80956	1.09152	.98278	.91478	.53415	1.12200	1.25817	1.32741	1.13034	.82629
1.520	-4.966	.80248	1.11372	1.00656	.93891	.55601	1.06995	1.25937	1.32768	1.10663	.80207
1.520	-3.970	.78878	1.13589	1.03030	.96244	.57797	1.01249	1.26035	1.32789	1.08327	.77749
1.520	-2.967	.77542	1.15993	1.05461	.98646	.60148	.94576	1.26010	1.32722	1.05868	.75167
1.520	-1.965	.78065	1.18314	1.07742	1.00929	.62532	.89364	1.26010	1.32691	1.03342	.72617
1.520	-.952	.85345	1.20074	1.10010	1.03239	.65083	.90509	1.26008	1.32663	1.00802	.69982
1.520	.163	1.04515	1.18878	1.13167	1.05921	.67832	1.04547	1.26032	1.32679	.98573	.67500
1.520	.984	1.06339	1.25255	1.14990	1.07659	.69734	1.03711	1.25857	1.32588	.96839	.65673
1.520	2.000	.90031	1.26754	1.16588	1.09793	.72301	.81961	1.25799	1.32584	.93816	.63502
	GRADIENT	.03531	.02090	.02345	.02294	.02409	-.01546	-.00021	-.00029	-.02380	-.02419

RUN NO. 1679/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPC01	CPU	CPC4	CPC5	CPC6	CP02
1.545	-7.992	.60442	1.04684	.92664	.86032	.48407	1.02560	1.32904	1.36634	1.17653	.87725
1.542	-6.974	.61428	1.07108	.94852	.88079	.50682	.96865	1.32758	1.36448	1.15078	.85067
1.543	-5.972	.64029	1.08769	.96901	.90131	.53144	.92166	1.32887	1.36561	1.12579	.82422
1.543	-4.971	.67112	1.09327	.98851	.92257	.55367	.89063	1.32918	1.36589	1.10146	.79857
1.543	-3.969	.71176	1.08786	1.00734	.94470	.57568	.87738	1.32987	1.36664	1.07712	.77432
1.542	-2.968	.80483	1.05025	1.02494	.96783	.59846	.91653	1.32848	1.36526	1.05124	.74784
1.542	-1.960	.87244	1.06250	1.05944	.99760	.62250	.94347	1.32859	1.36544	1.02833	.72302
1.543	-.952	.91617	1.08635	1.09364	1.02563	.64770	.95570	1.32910	1.36598	1.00609	.69754
1.543	.164	.95476	1.12911	1.12903	1.05379	.67154	.95384	1.32579	1.36436	.97930	.67013
1.543	.983	.97691	1.20191	1.15248	1.07586	.69422	.94855	1.32188	1.36422	.95927	.65549
1.543	1.994	.98586	1.30377	1.17179	1.09743	.71959	.93019	1.31926	1.36377	.93476	.63561
	GRADIENT	.04804	.02721	.02808	.02581	.02381	.00910	-.00138	-.00035	-.02376	-.02378

IA310 (AEDC 16TF-783) REPEAT RUNS

(RCM070) (03 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	CPB	CPC1	CPC2	CPC3	CPC4	CPC5	CPC6	CPO2
.601	-3.798	.70961	.74623	.65146	.58413	.17323	.89791	.90776	.41132
.601	-2.772	.72314	.75995	.66188	.59181	.18050	.90773	.90820	.41532
.601	-1.749	.73524	.77294	.67143	.60070	.18616	.91656	.91061	.41937
.601	- .732	.73990	.77056	.67504	.60413	.18897	.91724	.90970	.41764
.601	.290	.74239	.77328	.67533	.60422	.19057	.91693	.91021	.41762
.600	.738	.73973	.77432	.67523	.60284	.18694	.91648	.91101	.41926
.600	1.758	.73158	.77048	.66873	.59601	.18204	.91119	.91122	.41824
.600	2.783	.71996	.75720	.65977	.58750	.17783	.90063	.91017	.41665
.600	3.824	.70480	.74241	.64879	.57748	.17179	.90959	.90959	.41126
	GRADIENT	-.00074	-.00052	-.00046	-.00096	-.00047	-.00147	-.00028	.00004

RUN NO. 1750/ 0 RN/L = 2.51 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CPB	CPC1	CPC2	CPC3	CPC4	CPC5	CPC6	CPO2
.799	-3.857	.79123	.82586	.73164	.66166	.23649	.96902	.82421	.47310
.800	-2.832	.80396	.83941	.74231	.67045	.24389	.97860	.82637	.47729
.800	-1.818	.81261	.84980	.74897	.67642	.24777	.98457	.82797	.47992
.800	- .810	.81829	.84848	.75385	.68076	.25067	.98757	.82853	.48025
.800	- .212	.82187	.85235	.75533	.68178	.25294	.98844	.82919	.48014
.800	.826	.81875	.85108	.75494	.68077	.25051	.98599	.83064	.48044
.800	1.837	.81171	.84979	.74904	.67527	.24686	.98113	.83328	.47958
.800	2.848	.80143	.83777	.74096	.66806	.24165	.97272	.83595	.47794
.800	3.869	.78781	.82415	.73084	.65826	.23624	.96040	.83762	.47333
	GRADIENT	-.00046	-.00021	-.00015	-.00044	-.00020	-.00110	-.00022	.00003

RUN NO. 1663/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CPB	CPC1	CPC2	CPC3	CPC4	CPC5	CPC6	CPO2
.899	-3.844	.85207	.88704	.79098	.72343	.30437	1.02356	.88076	.53420
.900	-2.815	.86422	.90006	.80094	.73216	.31277	1.03140	.88219	.53820
.900	-1.803	.87249	.90902	.80762	.73778	.31627	1.03296	.88413	.54081
.900	- .791	.87802	.90804	.81204	.74180	.31889	1.04001	.88450	.54080
.900	- .227	.87961	.91053	.81224	.74146	.32047	1.03880	.88352	.53973
.900	.813	.87699	.91026	.81184	.74051	.31792	1.03753	.88589	.54070
.900	1.818	.87026	.90832	.80637	.73491	.31466	1.03260	.88815	.53973
.900	2.839	.86109	.89780	.79954	.72808	.30973	1.02555	.89103	.53811
.900	3.865	.84764	.88409	.78942	.71876	.30467	1.01334	.89203	.53345
	GRADIENT	-.00063	-.00036	-.00027	-.00070	-.00024	-.00127	-.00054	-.00010

IA310 (AEDC 16TF-783) REPEAT RUNS

(RCM070) (03 OCT 91)

PARAMETRIC DATA

ALPHA = -4.000 PHI = 180.000

RUN NO. 1742/ O RN/L = 2.51 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CPB	CPC1	CPC2	CPC3	CPC01	CPU	CPC4	CPC5	CPC6	CPC02
1.100	-3.945	1.00153	1.03349	.94537	.88105	.50352	1.15263	1.13390	1.14520	1.02042	.70356
1.100	-2.928	1.01294	1.04583	.95445	.88945	.50883	1.16139	1.13484	1.14546	1.02281	.70769
1.099	-1.929	1.01904	1.05368	.95916	.89344	.51033	1.16573	1.13534	1.14484	1.02354	.70884
1.100	-.941	1.02429	1.05305	.96364	.89728	.51324	1.16923	1.13698	1.14554	1.02478	.71029
1.100	.084	1.02508	1.05405	.96307	.89695	.51366	1.16946	1.13794	1.14463	1.02540	.71063
1.100	.958	1.02276	1.05446	.96295	.89596	.51194	1.16690	1.13812	1.14409	1.02638	.70997
1.100	1.961	1.01739	1.05265	.95848	.89168	.50955	1.16222	1.13833	1.14380	1.02818	.70890
1.100	2.955	1.00891	1.04316	.95261	.88598	.50631	1.15503	1.13855	1.14357	1.03008	.70672
1.100	3.979	.99802	1.03225	.94468	.87858	.50239	1.14478	1.13906	1.14380	1.03192	.70313
	GRADIENT	-.00054	-.00025	-.00019	-.00044	-.00026	-.00103	.00066	-.00025	.00134	-.00009

RUN NO. 1726/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CPB	CPC1	CPC2	CPC3	CPC01	CPU	CPC4	CPC5	CPC6	CPC02
1.250	-3.880	1.06824	1.10466	1.01359	.94772	.56743	1.22549	1.28815	1.33755	1.08741	.76827
1.250	-2.850	1.07825	1.11639	1.02191	.95535	.57243	1.23248	1.28849	1.33780	1.08895	.77108
1.250	-1.844	1.08504	1.12377	1.02792	.96028	.57590	1.23745	1.28831	1.33763	1.09031	.77296
1.250	-.837	1.08907	1.12244	1.03136	.96307	.57805	1.23966	1.28823	1.33756	1.09074	.77330
1.250	-.177	1.09091	1.12462	1.03126	.96276	.57920	1.23923	1.28589	1.33631	1.08928	.77157
1.250	.878	1.08884	1.12647	1.03152	.96240	.57744	1.23786	1.28544	1.33580	1.09156	.77219
1.250	1.874	1.08326	1.12341	1.02661	.95784	.57476	1.23352	1.28519	1.33571	1.09350	.77137
1.249	2.908	1.07573	1.11402	1.02090	.95233	.57148	1.22743	1.28467	1.33538	1.09647	.77045
1.249	3.911	1.06412	1.10228	1.01209	.94407	.56638	1.21676	1.28334	1.33436	1.09720	.76680
	GRADIENT	-.00052	-.00027	-.00023	-.00053	-.00019	-.00106	.00068	-.00044	.00121	-.00021

RUN NO. 1718/ O RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CPB	CPC1	CPC2	CPC3	CPC01	CPU	CPC4	CPC5	CPC6	CPC02
1.400	-3.892	1.08111	1.13468	1.03478	.96715	.58326	1.25510	1.25045	1.14556	1.11289	.78994
1.400	-2.866	1.09024	1.14639	1.04304	.97411	.58742	1.26219	1.25235	1.14643	1.11309	.79256
1.400	-1.858	1.09735	1.15407	1.04888	.97856	.59037	1.26726	1.25263	1.14574	1.11354	.79422
1.400	-.851	1.10105	1.15214	1.05254	.98178	.59271	1.26887	1.25343	1.14561	1.11387	.79480
1.400	-.163	1.10353	1.15556	1.05360	.98272	.59269	1.26867	1.25441	1.14507	1.11267	.79286
1.400	.886	1.10151	1.15877	1.05423	.98235	.59120	1.26722	1.25452	1.14418	1.11519	.79387
1.400	1.894	1.09611	1.15418	1.04996	.97860	.58878	1.26264	1.25339	1.14434	1.11724	.79272
1.399	2.898	1.08850	1.14609	1.04449	.97369	.58624	1.25641	1.25514	1.14357	1.11992	.79163
1.400	3.926	1.07850	1.13541	1.03642	.96560	.58212	1.24766	1.25542	1.14358	1.12151	.78869
	GRADIENT	-.00034	-.00012	-.00023	-.00014	-.00023	-.00102	.00060	-.00036	.00111	-.00020

(RCM070) (03 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	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
1.450	-3.810	1.05803	1.13075	1.02865	.96110	.57411	1.24391	1.25614	1.20678	1.10936	.78831
1.450	-2.773	1.06851	1.14352	1.03809	.96833	.57920	1.25275	1.25765	1.20703	1.10985	.79200
1.450	-1.757	1.07429	1.15090	1.04348	.97231	.58163	1.25729	1.25780	1.20634	1.10931	.79284
1.450	-.740	1.07813	1.14923	1.04738	.97637	.58473	1.25861	1.25887	1.20668	1.11007	.79365
1.450	-.276	1.07814	1.15021	1.04617	.97543	.58930	1.25264	1.25893	1.20541	1.10705	.78959
1.450	.759	1.07603	1.15296	1.04732	.97550	.58778	1.25303	1.26048	1.20591	1.10977	.79083
1.450	1.776	1.06997	1.14811	1.04231	.97102	.58501	1.24972	1.26038	1.20525	1.11104	.78984
1.449	2.820	1.06175	1.13759	1.03524	.96491	.58138	1.24363	1.25967	1.20404	1.11264	.78752
1.450	3.841	1.05306	1.12743	1.02805	.95881	.57858	1.23529	1.26107	1.20508	1.11677	.78595
GRADIENT		-.00096	-.00064	-.00028	-.00044	.00056	-.00147	.00058	-.00033	.00077	-.00055

RUN NO. 1701/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
1.469	-3.822	1.03792	1.13185	1.02885	.96108	.57228	1.22786	1.25257	1.24492	1.10087	.78419
1.469	-2.791	1.04478	1.14311	1.03708	.96797	.57696	1.23209	1.25390	1.24528	1.10016	.78617
1.470	-1.772	1.04969	1.15011	1.04205	.97181	.58011	1.23476	1.25453	1.24499	1.09992	.78773
1.470	-.761	1.05265	1.14539	1.04424	.97455	.58228	1.23486	1.25501	1.24462	1.09936	.78700
1.470	-.253	1.04796	1.14555	1.04030	.97024	.58456	1.22962	1.25593	1.24419	1.09916	.78579
1.470	.800	1.04547	1.15011	1.04214	.97068	.58331	1.22872	1.25633	1.24398	1.10267	.78667
1.470	1.821	1.03968	1.14505	1.03727	.96608	.58027	1.22547	1.25672	1.24381	1.10560	.78631
1.469	2.820	1.03270	1.13538	1.03105	.96063	.57718	1.22072	1.25671	1.24335	1.10841	.78463
1.470	3.850	1.02416	1.12403	1.02276	.95332	.57359	1.21461	1.25727	1.24359	1.11164	.78303
GRADIENT		-.00211	-.00110	-.00097	-.00122	.00010	-.00198	.00058	-.00025	.00148	-.00022

RUN NO. 1694/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
1.495	-3.837	.99567	1.12165	1.01813	.95072	.56691	1.19404	1.24906	1.28492	1.09288	.77985
1.495	-2.802	.99748	1.13328	1.02639	.95765	.57115	1.19421	1.24947	1.28439	1.09194	.78137
1.495	-1.786	.99984	1.14173	1.03245	.96250	.57425	1.19532	1.25002	1.28398	1.09167	.78234
1.495	-.778	.99993	1.13375	1.03281	.96480	.57626	1.19280	1.24996	1.28298	1.08992	.78114
1.495	-.240	.99655	1.13618	1.02997	.96007	.58026	1.18335	1.25065	1.28193	1.08901	.78114
1.495	.799	.99702	1.14144	1.03265	.96092	.57910	1.18581	1.25132	1.28195	1.09199	.78207
1.495	1.817	.99339	1.13837	1.02848	.95728	.57744	1.18397	1.25180	1.28183	1.09472	.78186
1.495	2.838	.98892	1.12677	1.02175	.95140	.57398	1.18152	1.25196	1.28158	1.09693	.77993
1.494	3.869	.98254	1.11401	1.01267	.94357	.56991	1.17673	1.25202	1.28142	1.10004	.77756
GRADIENT		-.00167	-.00092	-.00080	-.00110	.00049	-.00239	.00043	-.00049	.00093	-.00025

IA310 (AEDC 16TF-783) REPEAT RUNS

(RCM070) (03 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	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
1.521	-3.833	.85137	1.12211	1.01523	.94946	.56873	1.07256	1.26183	1.31917	1.08702	.77678
1.521	-2.804	.83544	1.13666	1.02408	.95636	.57289	1.05720	1.26271	1.31922	1.08637	.77959
1.521	-1.786	.81983	1.13993	1.03067	.96131	.57555	1.04358	1.26342	1.31941	1.08558	.78092
1.520	-.775	.80462	1.13413	1.02907	.96292	.57720	1.02808	1.26385	1.31911	1.08498	.78049
1.520	-.241	.75299	1.13296	1.02345	.95550	.57801	.96643	1.26266	1.31686	1.08317	.78199
1.520	.809	.75109	1.13740	1.02859	.95830	.57740	.96927	1.26406	1.31774	1.08610	.78229
1.520	1.827	.75310	1.14088	1.02438	.95378	.57495	.97518	1.26418	1.31727	1.08836	.78083
1.520	2.854	.76782	1.12895	1.01652	.94718	.57154	.99285	1.26385	1.31672	1.09077	.77823
1.520	3.870	.77669	1.11403	1.00852	.94073	.56835	1.00299	1.26349	1.31615	1.09398	.77594
GRADIENT		-.01181	-.00091	-.00111	-.00144	-.00014	-.01136	.00021	-.00044	.00087	-.00012

RUN NO. 1682/ O RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
1.543	-3.836	.66791	1.12711	1.00773	.93896	.56710	.85912	1.30274	1.35893	1.08232	.77279
1.543	-2.801	.67754	1.12246	1.01804	.94733	.57169	.86196	1.30240	1.35815	1.08139	.77433
1.543	-1.788	.69039	1.10258	1.01616	.95078	.57424	.86752	1.30191	1.35732	1.08061	.77558
1.544	-.776	.70326	1.09836	1.00708	.94464	.57573	.87332	1.30247	1.35759	1.07993	.77696
1.543	-.240	.72958	1.09046	1.00812	.94518	.57138	.88501	1.30044	1.35580	1.07316	.77367
1.543	.797	.72221	1.09354	1.01671	.95198	.57122	.88259	1.30162	1.35669	1.07776	.77511
1.544	1.818	.70588	1.11782	1.02660	.95347	.56827	.87586	1.30140	1.35634	1.08121	.77372
1.543	2.831	.68945	1.13977	1.02085	.94763	.56579	.86888	1.30148	1.35642	1.08517	.77246
1.544	3.870	.67270	1.13282	1.00994	.93964	.56287	.86234	1.30101	1.35617	1.08883	.77096
GRADIENT		.00161	.00189	.00083	.00027	-.00089	.00095	-.00020	-.00033	.00070	-.00032

IA310 (AEDC 16TF-783) TABULATED DATA
IA310 (AEDC 16TF-783) REPEAT RUNS

PARAMETRIC DATA

ALPHA = .000 PHI = 180.000

RUN NO. 1675/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CPB	CPC1	CPC2	CPC3	CPC01	CPU	CPC4	CPC5	CPC6	CPC02
.601	-3.993	.79888	.83350	.74889	.68241	.28352	.81787	.90995	.94065	.65276	.30019
.600	-2.974	.81341	.84849	.76085	.69271	.28985	.83189	.91127	.94226	.65800	.30616
.601	-1.969	.82152	.85687	.76754	.69924	.29472	.83977	.90987	.94094	.66072	.31042
.601	-.950	.82561	.86161	.77080	.70191	.29610	.84416	.90866	.93980	.66297	.31118
.600	-.173	.83041	.86725	.77684	.70764	.30231	.84310	.90863	.94038	.66139	.30782
.601	.831	.83776	.87550	.78697	.71842	.31592	.83021	.90715	.93974	.65065	.29428
.601	1.996	.82758	.86678	.77959	.71105	.31119	.82257	.90615	.93915	.65389	.29369
.600	3.003	.81688	.85703	.77216	.70370	.30715	.81151	.90558	.93919	.65489	.29056
.601	4.011	.80172	.84273	.76079	.69328	.30001	.79613	.90434	.93862	.65499	.28498
	GRADIENT	.00069	.00153	.00197	.00189	.00281	-.00335	-.00081	-.00035	-.00043	-.00265

RUN NO. 1751/ O RN/L = 2.51 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CPB	CPC1	CPC2	CPC3	CPC01	CPU	CPC4	CPC5	CPC6	CPC02
.799	-3.996	.87648	.91262	.82760	.75977	.34783	.89252	1.01526	1.08288	.72467	.36132
.800	-2.975	.88851	.92501	.83737	.76883	.35400	.90440	1.01442	1.08231	.72838	.36720
.800	-1.973	.89724	.93424	.84470	.77555	.35844	.91240	1.01364	1.08190	.73136	.37069
.800	-.960	.90164	.93982	.84916	.77945	.36159	.91786	1.01312	1.08168	.73465	.37308
.800	.100	.90773	.94704	.85703	.78760	.37125	.91218	1.01188	1.08161	.72863	.36295
.800	.982	.89901	.93922	.84876	.77876	.36125	.91539	1.01099	1.08247	.73860	.37204
.800	2.008	.89265	.93302	.84401	.77429	.35866	.90789	1.01010	1.08215	.73998	.37084
.800	3.009	.88318	.92413	.83743	.76769	.35491	.89691	1.00896	1.08199	.74011	.36704
.800	4.014	.87024	.91198	.82789	.75884	.34868	.88308	1.00773	1.08163	.74046	.36213
	GRADIENT	-.00085	-.00011	.00002	-.00015	.00013	-.00118	-.00093	-.00008	.00199	.00003

RUN NO. 1664/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CPB	CPC1	CPC2	CPC3	CPC01	CPU	CPC4	CPC5	CPC6	CPC02
.900	-3.998	.93357	.96977	.88310	.81689	.41311	.94848	1.08573	1.20277	.78443	.42648
.900	-2.967	.94492	.98177	.89239	.82562	.41878	.95948	1.08656	1.20440	.78743	.43212
.900	-1.967	.95196	.98921	.90819	.83074	.42190	.96608	1.08555	1.20383	.78950	.43475
.900	-.957	.95594	.99433	.90227	.83448	.42440	.97084	1.08438	1.20318	.79228	.43645
.900	-.141	.95721	.99657	.90455	.83639	.42634	.96927	1.08325	1.20365	.79086	.43316
.900	.859	.96392	1.00432	.91411	.84677	.43954	.96006	1.08122	1.20321	.78352	.42300
.899	2.010	.95460	.99563	.90648	.83918	.43358	.95344	1.08077	1.20359	.78584	.42173
.900	3.016	.94560	.98719	.90001	.83250	.43029	.94406	1.07907	1.20258	.78694	.41969
.900	4.020	.93393	.97564	.89100	.82394	.42459	.93169	1.07888	1.20339	.78825	.41581
	GRADIENT	.00023	.00099	.00134	.00126	.00196	-.00254	-.00104	-.00006	-.00003	-.00200

IA310 (AEDC 16TF-783) REPEAT RUNS

(RCM071) (03 OCT 91)

PARAMETRIC DATA

ALPHA = .000 PHI = 180.000

RUN NO. 1743/ 0 RN/L = 2.51 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
1.100	-3.997	1.07678	1.11094	1.03041	.96839	.60082	1.08518	1.13840	1.14273	.93176	.60528
1.100	-2.974	1.08760	1.12219	1.03931	.97619	.60580	1.09511	1.13898	1.14311	.93409	.60992
1.100	-1.972	1.09429	1.12922	1.04469	.98141	.60889	1.10180	1.13930	1.14317	.93684	.61335
1.100	-.972	1.09775	1.13379	1.04829	.98455	.61098	1.10671	1.13985	1.14351	.94023	.61567
1.100	.014	1.09738	1.13497	1.04983	.98613	.61255	1.10605	1.13926	1.14265	.94055	.61361
1.100	1.022	1.09388	1.13200	1.04670	.98264	.60956	1.10527	1.13920	1.14262	.94444	.61615
1.100	2.022	1.08957	1.12756	1.04391	.98014	.60898	1.09768	1.13909	1.14249	.94376	.61300
1.100	3.027	1.08188	1.12048	1.03820	.97449	.60539	1.08907	1.13878	1.14229	.94468	.61044
1.100	4.021	1.07068	1.10964	1.02990	.96671	.60128	1.07624	1.13740	1.14123	.94385	.60515
	GRADIENT	-.00091	-.00025	-.00014	-.00027	-.00001	-.00105	-.00009	-.00018	.00164	.00002

RUN NO. 1727/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
1.250	-3.998	1.14306	1.18144	1.09816	1.03469	.66283	1.15571	1.28140	1.33448	.99927	.67361
1.250	-2.968	1.15248	1.19148	1.10566	1.04094	.66667	1.16503	1.28047	1.33418	1.00063	.67753
1.250	-1.968	1.16013	1.19961	1.11222	1.04687	.67062	1.17206	1.28047	1.33457	1.00351	.68110
1.250	-.964	1.16262	1.20307	1.11508	1.04909	.67195	1.17521	1.27929	1.33391	1.00501	.68179
1.250	.099	1.16540	1.20744	1.11977	1.05387	.67774	1.17235	1.27820	1.33356	1.00279	.67648
1.250	1.046	1.15723	1.19930	1.11158	1.04542	.66894	1.17558	1.27682	1.33328	1.01160	.68503
1.250	2.021	1.15530	1.19764	1.11140	1.04575	.67092	1.16735	1.27586	1.33283	1.00884	.67946
1.250	3.018	1.14740	1.19011	1.10514	1.03943	.66667	1.15930	1.27522	1.33275	1.01008	.67693
1.250	4.018	1.13703	1.18022	1.09786	1.03265	.66284	1.14777	1.27427	1.33246	1.01044	.67286
	GRADIENT	-.00088	-.00025	-.00011	-.00029	-.00003	-.00095	-.00093	-.00027	.00150	-.00008

RUN NO. 1719/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
1.400	-4.003	1.16255	1.21792	1.12502	1.05749	.67914	1.17693	1.25588	1.14358	1.01772	.69199
1.400	-2.974	1.17141	1.22842	1.13265	1.06473	.68337	1.18508	1.25579	1.14335	1.01857	.69588
1.400	-1.969	1.17698	1.23484	1.13727	1.06850	.68554	1.19053	1.25528	1.14269	1.02024	.69784
1.400	-.964	1.18177	1.24027	1.14175	1.07235	.68767	1.19533	1.25617	1.14329	1.02237	.69837
1.400	.092	1.18334	1.24380	1.14559	1.07594	.69194	1.19161	1.25490	1.14188	1.01901	.69246
1.400	1.046	1.17533	1.23565	1.13808	1.06836	.68444	1.19486	1.25530	1.14226	1.02833	.70119
1.400	2.020	1.17345	1.23378	1.13760	1.06843	.68638	1.18627	1.25489	1.14187	1.02535	.69592
1.400	3.018	1.16711	1.22729	1.13285	1.06375	.68342	1.17909	1.25482	1.14191	1.02761	.69431
1.400	4.023	1.15721	1.21806	1.12666	1.05775	.68050	1.16779	1.25449	1.14176	1.02846	.69096
	GRADIENT	-.00077	-.00013	-.00009	-.00008	-.00008	-.00104	-.00017	-.00024	.00143	-.00016

(RCM071) (03 OCT 91)

IA310 (AEDC 16TF-783) REPEAT RUNS

PARAMETRIC DATA

ALPHA = .000 PHI = 180.000

RUN NO. 1709/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
1.450	-3.994	1.14305	1.21723	1.12119	1.05381	.67203	1.16247	1.26030	1.20392	1.01232	.69062
1.450	-2.963	1.15065	1.23819	1.13000	1.06132	.67611	1.16961	1.26117	1.20455	1.01322	.69428
1.450	-1.954	1.15568	1.23501	1.13400	1.06406	.67817	1.17404	1.26178	1.20493	1.01465	.69530
1.450	-.942	1.16128	1.24227	1.13932	1.06830	.68033	1.18026	1.26099	1.20395	1.01644	.69557
1.449	-.165	1.16110	1.24150	1.13988	1.06959	.68562	1.17522	1.25967	1.20228	1.01396	.69100
1.450	.966	1.16796	1.24919	1.14815	1.07716	.69219	1.16789	1.26041	1.20303	1.00638	.68242
1.451	2.005	1.16060	1.24244	1.14469	1.07474	.69175	1.16077	1.26064	1.20342	1.00760	.68164
1.450	3.013	1.15273	1.23247	1.13672	1.06752	.68805	1.15259	1.25952	1.20246	1.00910	.67911
1.450	4.015	1.14391	1.22346	1.13055	1.06153	.68507	1.14221	1.25923	1.20262	1.00985	.67549
	GRADIENT	.00042	.00097	.00145	.00132	.00211	-.00288	-.00020	-.00025	-.00078	-.00245

RUN NO. 1702/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
1.470	-3.992	1.12027	1.21456	1.11820	1.05169	.66881	1.14007	1.25728	1.24325	1.00435	.68673
1.470	-2.968	1.12493	1.22368	1.12484	1.05702	.67234	1.14512	1.25755	1.24324	1.00459	.69045
1.470	-1.960	1.12674	1.23041	1.12970	1.06100	.67502	1.14647	1.25758	1.24313	1.00500	.69256
1.470	-.946	1.12701	1.23159	1.13163	1.06274	.67656	1.14720	1.25718	1.24262	1.00756	.69202
1.470	-.153	1.12909	1.23329	1.13133	1.06233	.68076	1.14458	1.25671	1.24156	1.00753	.68790
1.470	.969	1.13366	1.23933	1.13944	1.07043	.68918	1.13468	1.25603	1.24104	1.00022	.67997
1.470	2.006	1.13168	1.23530	1.13603	1.06731	.68836	1.13258	1.25608	1.24130	1.00263	.67908
1.470	3.013	1.12793	1.22866	1.13086	1.06224	.68474	1.12822	1.25543	1.24078	1.00392	.67632
1.470	4.015	1.12033	1.21857	1.12404	1.05580	.68071	1.12014	1.25483	1.24059	1.00485	.67314
	GRADIENT	.00042	.00079	.00103	.00087	.00206	-.00286	-.00034	-.00039	-.00024	-.00227

RUN NO. 1695/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
1.494	-3.993	1.07300	1.20586	1.10867	1.04255	.66347	1.09476	1.25308	1.28220	.99751	.68401
1.495	-2.965	1.07211	1.21510	1.11532	1.04790	.66773	1.09391	1.25287	1.28176	.99797	.68761
1.495	-1.964	1.06951	1.22050	1.11852	1.05026	.66944	1.09117	1.25194	1.28064	.99804	.68853
1.495	-.951	1.06762	1.22296	1.12115	1.05247	.67126	1.08962	1.25227	1.28091	.99880	.68812
1.495	-.146	1.07017	1.22753	1.12453	1.05536	.67552	1.08493	1.25176	1.28001	.99852	.68414
1.495	.974	1.07727	1.23266	1.13204	1.06317	.68537	1.07778	1.25059	1.27896	.98976	.67578
1.495	2.008	1.07629	1.22843	1.12933	1.06064	.68350	1.07726	1.25066	1.27924	.99176	.67431
1.495	3.014	1.07796	1.22201	1.12538	1.05698	.68153	1.07780	1.24988	1.27873	.99499	.67312
1.495	4.021	1.07551	1.21193	1.11803	1.05022	.67798	1.07509	1.24936	1.27866	.99648	.66996
	GRADIENT	.00085	.00115	.00166	.00148	.00236	-.00278	-.00047	-.00047	-.00058	-.00235

(RCM071) (03 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	CPB	CPC1	CPC2	CPC3	CPC01	CPU	CPC4	CPC5	CPC6	CP02
1.521	-3.999	.88443	1.20325	1.10407	1.03891	.66291	.90738	1.26485	1.31769	.98972	.68173
1.520	-2.965	.84540	1.21310	1.10871	1.04233	.66508	.86838	1.26307	1.31584	.98882	.68365
1.521	-1.963	.82899	1.22261	1.11435	1.04709	.66875	.84897	1.26337	1.31610	.99072	.68553
1.521	-.950	.98880	1.18675	1.12090	1.05067	.67026	1.00070	1.26356	1.31615	.99356	.68425
1.520	-.145	1.04149	1.17805	1.12448	1.05223	.67149	1.04598	1.26227	1.31410	.99367	.68285
1.521	.973	.86679	1.23567	1.12774	1.05837	.68006	.86091	1.26168	1.31397	.98132	.67393
1.521	2.008	.84235	1.22714	1.12344	1.05555	.67964	.84072	1.26166	1.31424	.98365	.67329
1.521	3.015	.85992	1.21664	1.11709	1.04982	.67655	.86078	1.26049	1.31351	.98636	.67125
1.520	4.021	.89345	1.20598	1.11049	1.04410	.67330	.89566	1.25939	1.31286	.98858	.66868
	GRADIENT	-.00061	.00139	.00124	.00112	.00179	-.00410	-.00058	-.00054	-.00065	-.00208

RUN NO. 1683/ O RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CPB	CPC1	CPC2	CPC3	CPC01	CPU	CPC4	CPC5	CPC6	CP02
1.544	-3.994	.81192	1.23124	1.10113	1.03294	.65851	.81429	1.30072	1.35649	.98310	.67755
1.544	-2.970	.90152	1.18119	1.11511	1.04098	.66142	.90857	1.30008	1.35586	.98489	.68047
1.543	-1.963	.93046	1.13352	1.11848	1.04478	.66390	.94006	1.29941	1.35507	.98606	.68112
1.544	-.955	.94556	1.11591	1.11913	1.04667	.66576	.95705	1.29927	1.35521	.98784	.68016
1.544	.100	.94693	1.11578	1.12345	1.04996	.66924	.95735	1.28991	1.35234	.98606	.67560
1.544	.984	.93479	1.12075	1.11906	1.04513	.66212	.94938	1.28943	1.35228	.98982	.68144
1.544	2.015	.91118	1.16619	1.12015	1.04461	.66274	.92336	1.28941	1.35234	.98848	.67798
1.544	3.013	.86863	1.23396	1.11259	1.03860	.65926	.87883	1.28860	1.35155	.98926	.67578
1.543	4.013	.77780	1.22192	1.09911	1.03060	.65548	.78615	1.28839	1.35169	.98884	.67298
	GRADIENT	-.00464	.00310	-.00019	-.00029	-.00040	-.00395	-.00190	-.00068	-.00071	-.00063

IA310 (AEDC 16TF-783) FLOW ANGULARITIES-FAIR OFF (SCM001) (03 OCT 91)

PARAMETRIC DATA

BETA = .000 PHI = .000

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

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
.599	-8.006	.70066	.75577	.68009	.62234	.24636	.70934	.75470	.69239	.63970	.25129
.599	-6.998	.73097	.78345	.70222	.64097	.25881	.73979	.78277	.71409	.65654	.26568
.600	-6.001	.75627	.80601	.71982	.65578	.26921	.76416	.80616	.73218	.66996	.27508
.599	-4.998	.77867	.82528	.73475	.66882	.27810	.78491	.82542	.74732	.68142	.28398
.599	-3.995	.79775	.84289	.74623	.68016	.28598	.80288	.84327	.76138	.69232	.29172
.600	-3.002	.80968	.85259	.75546	.68294	.29113	.81530	.85457	.77078	.69933	.29730
.600	-1.999	.82050	.86240	.76230	.68819	.29621	.82702	.86588	.78037	.70573	.30220
.600	-.995	.82546	.86750	.76524	.69157	.29874	.83268	.87282	.78992	.70967	.30540
.600	.009	.82727	.86848	.76616	.69238	.29887	.83493	.87496	.78787	.71105	.30557
.600	1.003	.82404	.86524	.76469	.69046	.29790	.83121	.87195	.78599	.70972	.30465
.600	2.001	.81813	.85985	.76158	.68775	.29591	.82408	.86662	.78243	.70752	.30336
.600	3.011	.80738	.84942	.75541	.68421	.29158	.81137	.85464	.77262	.69915	.29741
.600	4.005	.79308	.83706	.74673	.67873	.28594	.79708	.84306	.76392	.69182	.29335
.600	4.999	.77441	.81894	.73282	.66709	.27772	.77863	.82517	.75044	.68044	.28632
.600	6.003	.75092	.79804	.71653	.65319	.26794	.75568	.80506	.73551	.66872	.27713
.600	6.998	.72429	.77312	.69704	.63678	.25627	.72844	.78017	.71705	.65386	.26582
.600	7.996	.69337	.74469	.67471	.61789	.24378	.69654	.75131	.69531	.63599	.25283
	GRADIENT	-.00048	-.00065	-.00009	-.00011	-.00002	-.00067	-.00001	.00032	-.00003	.00018

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

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
.800	-8.000	.78854	.84125	.76306	.70365	.31406	.79630	.83929	.77401	.71952	.33207
.800	-6.987	.81501	.86603	.78250	.72013	.32540	.82249	.86470	.79369	.73439	.33507
.800	-5.995	.83801	.88724	.79919	.73428	.33486	.84426	.88595	.81015	.74654	.33777
.800	-4.981	.85830	.90572	.81364	.74627	.34341	.86288	.90418	.82483	.75778	.34650
.800	-3.994	.87413	.91984	.81884	.75106	.34954	.87775	.91883	.83676	.76638	.35277
.800	-2.997	.88661	.93105	.83064	.75726	.35541	.89065	.93194	.84756	.77364	.35907
.800	-1.993	.89426	.93835	.83538	.76185	.35872	.89892	.94005	.85406	.77770	.36220
.800	-.989	.90081	.94440	.84062	.76681	.36271	.90654	.94802	.86042	.78278	.36651
.800	.014	.90094	.94448	.84096	.76675	.36243	.90660	.94882	.86112	.78316	.36622
.800	1.003	.89799	.94152	.83898	.76483	.36129	.90249	.94590	.85926	.78163	.36500
.800	2.006	.89347	.93618	.83595	.76193	.35957	.89691	.94011	.85566	.77928	.36327
.800	3.005	.88403	.92680	.83001	.75688	.35566	.88620	.93042	.84797	.77359	.35898
.799	4.004	.87120	.91493	.82321	.75289	.34956	.87338	.91848	.83834	.76539	.35282
.800	5.003	.85273	.89786	.81033	.74342	.34227	.85465	.90169	.82544	.75436	.34708
.800	6.002	.83282	.87886	.79552	.73145	.33405	.83419	.88297	.81136	.74321	.33695
.800	7.012	.81010	.85776	.77917	.71766	.32441	.81077	.86150	.79571	.73096	.33162
.800	8.001	.78348	.83230	.75960	.70119	.31344	.78441	.83611	.77686	.71586	.33448
	GRADIENT	.00140	.00101	.00122	.00080	.00077	.00119	.00163	.00156	.00097	.00079

IA310 (AEDC 16TF-783) FLOW ANGULARITIES-FAIR OFF (SCM001) (03 OCT 91)

PARAMETRIC DATA

BETA = .000 PHI = .000

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

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
.900	-8.002	.84858	.89998	.82216	.76328	.38057	.85612	.89801	.83320	.77902	.38366
.900	-6.993	.87449	.92455	.84197	.78012	.39207	.88181	.92325	.85308	.79429	.39528
.900	-5.994	.89703	.94542	.85853	.79410	.40168	.90302	.94411	.86935	.80658	.40463
.900	-4.990	.91547	.96238	.87106	.80403	.40903	.91990	.96096	.88262	.81660	.41219
.900	-3.991	.93123	.97646	.87702	.80914	.41575	.93460	.97576	.89501	.82522	.41897
.900	-2.976	.94218	.98636	.88694	.81469	.42016	.94602	.98699	.90422	.83094	.42355
.900	-1.994	.94888	.99311	.89152	.81929	.42391	.95379	.99486	.91058	.83528	.42740
.900	-.999	.95386	.99817	.89580	.82303	.42639	.95955	1.00145	.91566	.83910	.43012
.900	.020	.95442	.99866	.89648	.82332	.42659	.96002	1.00266	.91669	.83988	.43039
.900	1.003	.95294	.99630	.89513	.82200	.42583	.95714	1.00012	.91521	.83879	.42931
.900	2.007	.94720	.99036	.89113	.81837	.42346	.95039	.99379	.91108	.83574	.42695
.900	3.011	.93890	.98194	.88606	.81355	.41993	.94113	.98534	.90456	.83098	.42323
.900	4.007	.92768	.97145	.88026	.81148	.41592	.92986	.97506	.89641	.82450	.41888
.899	5.006	.91097	.95557	.86883	.80257	.40813	.91311	.95963	.88409	.81410	.41307
.899	6.007	.89206	.93768	.85488	.79119	.39997	.89371	.94174	.87089	.80364	.40341
.900	7.002	.86986	.91657	.83842	.77733	.39057	.87128	.92057	.85528	.79123	.39460
.900	8.008	.84510	.89278	.81994	.76185	.38029	.84646	.89662	.83734	.77688	.38477
	GRADIENT	.00122	.00091	.00108	.00076	.00069	.00102	.00149	.00146	.00089	.00069

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

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
1.099	-7.994	1.00176	1.04823	.97637	.92043	.57064	1.00581	1.04379	.98264	.93009	.57194
1.100	-6.977	1.02524	1.07038	.99398	.93556	.58058	1.02905	1.06665	1.00042	.94361	.58200
1.100	-5.998	1.04463	1.08869	1.00868	.94767	.58857	1.04751	1.08512	1.01482	.95460	.59022
1.100	-4.975	1.03075	1.07335	.99004	.92726	.56505	1.03179	1.07014	.99663	.93343	.56659
1.100	-3.975	1.07346	1.11540	1.02809	.96450	.60039	1.07455	1.11279	1.03684	.97117	.60188
	GRADIENT	.04271	.04206	.03806	.03725	.03535	.04276	.04266	.04023	.03775	.03529

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

(SCM001) (03 OCT 91)

PARAMETRIC DATA

MACH	ALPHA	CPR	CPC7	RN/L =	2.99	GRADIENT INTERVAL =	-5.00/	5.00	BETA =	.000	PHI =	.000	CPC11	CPC12	CPO4
1.250	-7.997	1.07392	1.12449	1.04805	.98980	.63661	1.07943	1.12122	1.12122	1.05625	1.00104	1.00104	1.05625	1.00104	.64013
1.250	-6.985	1.09498	1.14444	1.06384	1.00314	.64526	1.10018	1.14185	1.14185	1.07183	1.01243	1.01243	1.07183	1.01243	.64869
1.250	-5.989	1.11313	1.16199	1.07762	1.01446	.65293	1.11736	1.15909	1.15909	1.08547	1.02278	1.02278	1.08547	1.02278	.65611
1.250	-4.990	1.12841	1.17645	1.08860	1.02339	.65940	1.13133	1.17390	1.17390	1.09714	1.03160	1.03160	1.09714	1.03160	.66235
1.249	-3.978	1.14173	1.18853	1.09520	1.03013	.66474	1.14394	1.18668	1.18668	1.10708	1.03919	1.03919	1.10708	1.03919	.66755
1.250	-2.987	1.15092	1.19717	1.10358	1.03298	.66890	1.15350	1.19643	1.19643	1.11476	1.04484	1.04484	1.11476	1.04484	.67170
1.250	-1.988	1.15697	1.20334	1.10736	1.03634	.67207	1.16041	1.20371	1.20371	1.12084	1.04878	1.04878	1.12084	1.04878	.67508
1.250	-.985	1.16042	1.20725	1.11041	1.03932	.67416	1.16428	1.20836	1.20836	1.12459	1.05126	1.05126	1.12459	1.05126	.67714
1.250	.029	1.16209	1.20868	1.11186	1.04048	.67494	1.16528	1.20987	1.20987	1.12597	1.05215	1.05215	1.12597	1.05215	.67789
1.250	1.019	1.16074	1.20673	1.11077	1.03912	.67411	1.16289	1.20842	1.20842	1.12523	1.05168	1.05168	1.12523	1.05168	.67725
1.250	2.017	1.15596	1.20136	1.10744	1.03622	.67205	1.15760	1.20320	1.20320	1.12170	1.04931	1.04931	1.12170	1.04931	.67529
1.251	3.012	1.14835	1.19357	1.10306	1.03346	.66932	1.14997	1.19579	1.19579	1.11614	1.04485	1.04485	1.11614	1.04485	.67251
1.250	3.971	1.13752	1.18309	1.09597	1.02907	.66483	1.13915	1.18601	1.18601	1.10877	1.03840	1.03840	1.10877	1.03840	.66801
	GRADIENT	.00102	.00079	.00093	.00061	.00063	.00087	.00136	.00136	.00133	.00081	.00081	.00133	.00081	.00068

(SCMO02) (03 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	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
.599	-8.006	.70018	.75518	.67957	.62174	.24603	.70871	.75396	.69155	.63883	.25049
.599	-6.994	.72978	.78188	.70043	.63954	.25803	.73816	.78100	.71233	.65490	.26453
.599	-5.996	.75696	.80651	.72024	.65635	.26974	.76428	.80595	.73186	.66973	.27476
.599	-4.999	.77889	.82563	.73539	.66930	.27922	.78448	.82514	.74715	.68133	.28439
.599	-4.000	.79827	.84298	.74692	.68065	.28692	.80250	.84292	.76118	.69209	.29190
.600	-3.003	.81001	.85293	.75590	.68335	.29169	.81490	.85425	.77049	.69886	.29670
.600	-1.999	.82047	.86241	.76228	.68802	.29610	.82661	.86567	.78027	.70542	.30174
.600	-1.000	.82663	.86813	.76593	.69232	.29942	.83285	.87260	.78568	.70929	.30486
.600	.014	.82660	.86796	.76595	.69220	.29926	.83363	.87386	.78668	.70997	.30517
.600	1.002	.82430	.86575	.76514	.69114	.29852	.83112	.87214	.78612	.70992	.30494
.601	2.001	.81781	.85899	.76070	.68698	.29558	.82331	.86527	.78106	.70627	.30249
.601	3.005	.80712	.84887	.75493	.68372	.29072	.81156	.85481	.77292	.69929	.29758
.601	4.010	.79155	.83485	.74493	.67702	.28491	.79554	.84080	.76201	.68994	.29249
.601	5.004	.77386	.81845	.73234	.66647	.27740	.77797	.82493	.75011	.68039	.28615
.600	6.003	.75107	.79793	.71651	.65313	.26802	.75491	.80426	.73451	.66774	.27622
.599	6.997	.72512	.77429	.69814	.63791	.25728	.72856	.78085	.71751	.65441	.26637
.600	7.997	.69345	.74446	.67458	.61772	.24408	.69636	.75078	.69477	.63553	.25276
	GRADIENT	.00137	.00099	.00106	.00072	.00063	.00133	.00182	.00174	.00108	.00092

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

MACH	ALPHA	CPR	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4	
.800	-8.005	.78876	.84157	.76333	.70370	.31517	.79496	.83812	.71830	.33373	
.800	-6.986	.81521	.86643	.78285	.72025	.32624	.82139	.86377	.73334	.33291	
.800	-5.995	.83913	.88839	.80030	.73506	.33620	.84418	.88611	.74643	.33765	
.800	-5.003	.85861	.90623	.81401	.74653	.34422	.86228	.90366	.75723	.34617	
.800	-3.989	.87531	.92111	.81991	.75188	.35097	.87823	.91971	.76712	.35357	
.800	-2.997	.88808	.93222	.83171	.75803	.35679	.89134	.93249	.77401	.35972	
.800	-1.999	.89568	.93972	.83672	.76288	.36031	.90005	.94117	.77878	.36363	
.800	.025	.90129	.94494	.84107	.76705	.36379	.90640	.94795	.78274	.36677	
.800	1.008	.90142	.94567	.84199	.76761	.36418	.90670	.94939	.78378	.36740	
.799	2.007	.89857	.94189	.83923	.76485	.36181	.90316	.94592	.78217	.36570	
.799	3.005	.89352	.93655	.83626	.76186	.36011	.89675	.94035	.77954	.36367	
.800	4.020	.88428	.92728	.83030	.75686	.35598	.88683	.93121	.77430	.35983	
.800	5.003	.87031	.91413	.82243	.75196	.35023	.87286	.91814	.76550	.35397	
.800	6.018	.85358	.89875	.81085	.74381	.34317	.85594	.90288	.75558	.34867	
.799	7.002	.83315	.87934	.79583	.73138	.33414	.83544	.88420	.74444	.33815	
.799	7.995	.80712	.85504	.77635	.71465	.32238	.80890	.85971	.72946	.33188	
.800		.78267	.83188	.75888	.70004	.31271	.78435	.83648	.71620	.33441	
	GRADIENT	-.00064	-.00087	-.00055	-.00012	-.00013	-.00075	-.00022	-.00009	-.00008	.00002

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

(SCM002) (03 OCT 91)

PARAMETRIC DATA

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPC3	CPL	CPC10	CPC11	CPC12	CP04
1.099	-8.010	1.00104	1.04733	.97564	.91962	.56970	1.00515	1.04314	.98186	.92938	.57119
1.100	-6.971	1.02572	1.07093	.99444	.93587	.58095	1.02962	1.06718	1.00107	.94411	.58228
1.100	-5.993	1.04408	1.08830	1.00792	.94718	.58803	1.04728	1.08467	1.01457	.95419	.58952
1.100	-4.996	1.05978	1.10276	1.01946	.95679	.59454	1.06166	1.09956	1.02611	.96285	.59610
1.100	-3.973	1.07291	1.11491	1.02768	.96395	.59984	1.07402	1.11242	1.03639	.97066	.60139
1.100	-2.982	1.08320	1.12432	1.03576	.96805	.60500	1.08338	1.12161	1.04354	.97597	.60489
1.100	-2.001	1.09029	1.13102	1.04049	.97105	.60775	1.09198	1.13059	1.05125	.98125	.60897
1.100	-.979	1.09423	1.13519	1.04291	.97379	.61009	1.09565	1.13488	1.05450	.98325	.61033
1.100	.003	1.09511	1.13591	1.04364	.97436	.61046	1.09636	1.13610	1.05562	.98398	.61079
1.100	1.004	1.09326	1.13362	1.04268	.97319	.60966	1.09396	1.13414	1.05464	.98334	.61050
1.099	2.015	1.08767	1.12772	1.03891	.96984	.60684	1.08736	1.12797	1.04996	.97949	.60734
1.100	3.022	1.08059	1.12054	1.03457	.96734	.60413	1.08025	1.12144	1.04492	.97535	.60485
1.099	4.009	1.06889	1.10935	1.02657	.96238	.59892	1.06887	1.11103	1.03668	.96826	.60001
1.100	5.026	1.05591	1.09676	1.01686	.95472	.59378	1.05553	1.09844	1.02753	.96102	.59484
1.100	6.005	1.03927	1.08077	1.00440	.94409	.58656	1.03832	1.08219	1.01552	.95137	.58783
1.100	7.008	1.02012	1.06191	.99015	.93201	.57886	1.01886	1.06344	1.00129	.93999	.57997
1.099	8.009	.99850	1.04066	.97351	.91799	.56966	.99695	1.04232	.98535	.92711	.57068
	GRADIENT	.00102	.00075	.00082	.00054	.00051	.00082	.00127	.00120	.00064	.00046

BETA = .000 PHI = .000

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

IA310 (AEDC 16TF-783) FLOW ANGULARITIES-FAIR OFF (SCMOO3) (03 OCT 91)

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 1108/ 0 RN/L = 3.20 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
.599	-8.006	.69914	.75429	.67896	.62131	.24524	.70947	.75451	.69218	.63959	.25163
.600	-6.993	.72882	.78121	.70039	.63962	.25826	.73925	.78184	.71344	.65601	.26588
.600	-5.996	.75576	.80504	.71922	.65546	.26874	.76432	.80569	.73185	.66974	.27508
.599	-5.004	.77928	.82613	.73574	.66982	.27800	.78643	.82722	.74908	.68311	.28475
.600	-3.995	.79689	.84147	.74524	.67935	.28546	.80310	.84309	.76157	.69246	.29231
.600	-2.997	.80996	.85312	.75633	.68365	.29105	.81570	.85523	.77121	.69959	.29710
.600	-2.004	.82047	.86227	.76248	.68846	.29576	.82683	.86607	.78060	.70568	.30182
.600	-1.000	.82657	.86782	.76594	.69242	.29884	.83331	.87263	.78564	.70927	.30445
.600	.009	.82687	.86815	.76645	.69278	.29910	.83458	.87465	.78753	.71060	.30540
.601	1.002	.82423	.86527	.76522	.69144	.29866	.83113	.87178	.78575	.70955	.30481
.601	2.001	.81828	.85959	.76152	.68784	.29548	.82371	.86565	.78126	.70634	.30171
.601	3.000	.80749	.84939	.75570	.68462	.29133	.81176	.85487	.77288	.69926	.29726
.601	4.005	.79275	.83576	.74595	.67822	.28529	.79671	.84177	.76276	.69055	.29230
.601	5.004	.77369	.81822	.73262	.66712	.27774	.77755	.82420	.74950	.67958	.28554
.601	6.008	.75107	.79770	.71672	.65373	.26857	.75448	.80327	.73365	.66691	.27551
.600	6.997	.72395	.77287	.69719	.63728	.25692	.72699	.77867	.71553	.65235	.26485
.600	8.002	.69395	.74507	.67554	.61898	.24434	.69598	.75041	.69431	.63501	.25167
	GRADIENT	-.00051	-.00070	-.00003	-.00006	-.00001	-.00076	-.00014	.00019	-.00012	.00001

RUN NO. 1112/ 0 RN/L = 3.75 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
.800	-8.005	.78715	.84035	.76193	.70242	.31349	.79464	.83822	.77309	.71867	.31652
.800	-6.992	.81610	.86773	.78388	.72164	.32718	.82306	.86593	.79470	.73538	.32944
.800	-5.995	.83874	.88820	.80000	.73495	.33580	.84473	.88662	.81075	.74702	.33828
.800	-4.982	.85970	.90702	.81466	.74711	.34454	.86411	.90550	.82589	.75880	.34744
.800	-3.983	.87539	.92121	.81980	.75182	.35094	.87853	.92013	.83780	.76725	.35372
.799	-2.996	.88677	.93113	.83056	.75694	.35561	.89031	.93152	.84710	.77296	.35849
.800	-1.993	.89622	.94047	.83698	.76344	.36074	.90064	.94188	.85596	.77927	.36381
.800	-1.000	.89963	.94371	.83974	.76596	.36271	.90499	.94694	.85947	.78171	.36582
.800	.015	.90150	.94528	.84165	.76750	.36400	.90685	.94940	.86174	.78366	.36717
.800	1.013	.89897	.94235	.83967	.76542	.36245	.90316	.94637	.85984	.78205	.36546
.800	2.006	.89510	.93838	.83779	.76356	.36158	.89808	.94182	.85740	.78071	.36446
.799	3.004	.88444	.92740	.83020	.75704	.35651	.88612	.93071	.84824	.77374	.35918
.800	4.010	.87090	.91482	.82304	.75279	.35106	.87252	.91836	.83826	.76545	.35368
.800	5.003	.85525	.90048	.81254	.74563	.34503	.85678	.90400	.82750	.75641	.34933
.800	6.002	.83469	.88075	.79717	.73282	.33547	.83600	.88466	.81291	.74460	.33814
.800	7.012	.80889	.85680	.77803	.71657	.32415	.80976	.86041	.79458	.72997	.32765
.800	8.000	.78232	.83159	.75862	.69982	.31236	.78288	.83500	.77564	.71471	.31671
	GRADIENT	.00131	.00095	.00118	.00078	.00081	.00107	.00156	.00151	.00093	.00079

IA310 (AEDC 16TF-783) FLOW ANGULARITIES-FAIR OFF (SCM003) (03 OCT 91)

PARAMETRIC DATA

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CP04
1.099	-7.994	1.00208	1.04837	.97665	.92071	.57078	1.00616	1.04415	.98273	.93029	.57208
1.100	-6.988	1.02528	1.07049	.99420	.93569	.58083	1.02922	1.06676	1.00061	.94393	.58213
1.100	-5.988	1.04428	1.08861	1.00823	.94747	.58856	1.04754	1.08484	1.01466	.95442	.58978
1.100	-4.990	1.06030	1.10329	1.01995	.95734	.59499	1.06229	1.10005	1.02656	.96328	.59632
1.100	-3.991	1.07302	1.11506	1.02806	.96428	.60040	1.07423	1.11248	1.03648	.97089	.60177
1.100	-2.980	1.08279	1.12400	1.03543	.96768	.60449	1.08440	1.12264	1.04453	.97710	.60573
1.100	-1.980	1.09037	1.13129	1.04062	.97141	.60823	1.09165	1.13024	1.05066	.98085	.60848
1.100	-.993	1.09370	1.13489	1.04266	.97381	.61005	1.09529	1.13445	1.05410	.98283	.60992
1.099	.021	1.09499	1.13580	1.04353	.97441	.61019	1.09616	1.13585	1.05529	.98368	.61028
1.100	.990	1.09303	1.13331	1.04241	.97310	.60950	1.09378	1.13405	1.05448	.98325	.61036
1.100	2.010	1.08808	1.12840	1.03949	.97049	.60765	1.08802	1.12852	1.05034	.98013	.60787
1.100	3.016	1.08063	1.12078	1.03480	.96794	.60471	1.08000	1.12099	1.04436	.97496	.60445
1.100	4.019	1.06951	1.11012	1.02746	.96348	.60019	1.06875	1.11071	1.03636	.96802	.59973
1.100	5.014	1.05653	1.09762	1.01762	.95568	.59473	1.05529	1.09825	1.02724	.96078	.59415
1.099	6.010	1.03989	1.08145	1.00505	.94487	.58729	1.03892	1.08274	1.01591	.95192	.58817
1.100	7.007	1.02051	1.06238	.99054	.93251	.57928	1.01927	1.06379	1.00150	.94043	.58027
1.099	8.004	.99850	1.04091	.97369	.91832	.56983	.99704	1.04219	.98517	.92712	.57051
	GRADIENT	.00104	.00079	.00085	.00061	.00059	.00075	.00120	.00112	.00057	.00040

BETA = .000 PHI = .000

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

IA310 (AEDC 16TF-783) FLOW ANGULARITIES-FAIR OFF (SCM004) (03 OCT 91)

PARAMETRIC DATA

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPC3	CPL	CPC10	CPC11	CPC12	CP04
.800	-8.006	.78808	.84124	.76285	.70352	.31504	.79409	.83761	.77231	.71779	.31563
.800	-6.987	.81548	.86700	.78346	.72080	.32657	.82151	.86424	.79320	.73395	.32788
.800	-5.995	.83900	.88843	.80022	.73518	.33669	.84427	.88601	.81038	.74672	.33815
.800	-4.992	.85990	.90760	.81523	.74789	.34552	.86334	.90513	.82562	.75866	.34717
.800	-3.994	.87501	.92103	.81981	.75132	.35144	.87763	.91900	.83679	.76661	.35335
.800	-2.997	.88711	.93176	.83110	.75759	.35683	.89048	.93173	.84748	.77350	.35935
.800	-1.988	.89603	.93997	.83672	.76321	.36099	.90058	.94142	.85557	.77899	.36380
.800	-.984	.90024	.94445	.84053	.76657	.36350	.90535	.94740	.85998	.78232	.36623
.800	.014	.90163	.94553	.84182	.76751	.36420	.90730	.94967	.86217	.78418	.36756
.800	1.008	.89940	.94287	.84019	.76577	.36311	.90387	.94716	.86071	.78311	.36660
.800	2.017	.89439	.93760	.83706	.76279	.36152	.89778	.94126	.85697	.78060	.36481
.800	3.016	.88343	.92687	.82972	.75631	.35590	.88615	.93075	.84848	.77395	.35950
.800	4.004	.87064	.91481	.82286	.75225	.35069	.87336	.91899	.83901	.76639	.35436
.800	5.003	.85326	.89841	.81033	.74346	.34301	.85610	.90308	.82674	.75591	.34899
.800	6.002	.83401	.88049	.79670	.73220	.33520	.83661	.88556	.81408	.74587	.33969
.799	7.001	.80865	.85633	.77764	.71597	.32328	.81056	.86133	.79569	.73098	.32819
.800	8.000	.78172	.83127	.75793	.69934	.31185	.78372	.83613	.77671	.71581	.31764
	GRADIENT	.00124	.00088	.00109	.00066	.00066	.00120	.00166	.00162	.00104	.00088

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 (SCMO05) (03 OCT 91)

PARAMETRIC DATA

BETA = .000 PHI = 180.000

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

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
1.250	7.989	1.07666	1.12312	1.05089	.99307	.64206	1.06354	1.11942	1.05801	.99682	.63532
1.250	6.983	1.09784	1.14350	1.06668	1.00634	.65087	1.09104	1.14023	1.07325	1.00879	.64387
1.249	5.992	1.11464	1.15995	1.07926	1.01674	.65757	1.10904	1.15720	1.08570	1.01845	.65060
1.250	4.988	1.12971	1.17550	1.09120	1.02574	.66443	1.12555	1.17305	1.09760	1.02782	.65756
1.250	3.993	1.14223	1.18789	1.10021	1.03319	.66972	1.13895	1.18555	1.10713	1.03596	.66307
1.250	2.981	1.15269	1.19785	1.10687	1.03684	.67398	1.14911	1.19476	1.11408	1.04186	.66732
1.250	1.992	1.15940	1.20487	1.11101	1.04011	.67731	1.15522	1.20074	1.11859	1.04557	.67035
1.250	.988	1.16428	1.21004	1.11435	1.04315	.67955	1.15982	1.20540	1.12190	1.04809	.67269
1.250	-.014	1.16553	1.21164	1.11502	1.04390	.68000	1.16169	1.20701	1.12281	1.04879	.67313
1.250	-1.015	1.16471	1.21114	1.11461	1.04365	.67975	1.16181	1.20618	1.12194	1.04834	.67286
1.250	-2.013	1.15927	1.20599	1.11090	1.04009	.67732	1.15704	1.20059	1.11769	1.04536	.67029
1.250	-3.008	1.15203	1.19864	1.10622	1.03688	.67414	1.14943	1.19233	1.11099	1.04129	.66717
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA310 (AEDC 16TF-783) FLOW ANGULARITIES-FAIR OFF (SCMO06) (03 OCT 91)

PARAMETRIC DATA

ALPHA = .000 PHI = 90.000

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

MACH	BETA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
.599	-3.996	.74394	.77968	.66900	.59150	.19041	.90635	.94591	.86885	.79944	.41121
.600	-2.990	.76733	.80345	.69550	.61887	.21978	.88745	.92758	.84786	.77667	.38317
.599	-1.995	.79068	.82934	.72287	.64682	.24725	.86924	.90982	.82760	.75427	.35494
.600	-.996	.81126	.85175	.74746	.67298	.27634	.84891	.88918	.80427	.72891	.32630
.600	.010	.83236	.87384	.77295	.69935	.30572	.82830	.86857	.78080	.70361	.29792
.600	1.007	.85383	.89489	.79819	.72515	.33425	.80782	.84678	.75713	.67820	.26940
.600	1.997	.87194	.91298	.82085	.75001	.36157	.78424	.82153	.73118	.65122	.24008
.601	2.992	.89095	.93130	.84344	.77550	.38939	.76146	.79603	.70566	.62480	.21180
.601	3.989	.90913	.94864	.86467	.79954	.41748	.73707	.77094	.67712	.59602	.18247
	GRADIENT	.02066	.02121	.02461	.02608	.02845	-.02115	-.02194	-.02394	-.02549	-.02866

IA310 (AEDC 16TF-783) FLOW ANGULARITIES-FAIR OFF (SCMO06) (03 OCT 91)

PARAMETRIC DATA

ALPHA = .000 PHI = 90.000

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

MACH	BETA	CPR	CPC7	CPC8	CPC9	CPC3	CPL	CPC10	CPC11	CPC12	CPO4
.800	-3.992	.82068	.85863	.74629	.66736	.25269	.97657	1.01891	.94132	.87170	.47314
.800	-2.987	.84426	.88221	.72233	.69473	.28285	.95932	1.00216	.92205	.85017	.44586
.800	-1.977	.86647	.90739	.79925	.72268	.31244	.94105	.98420	.90139	.82705	.41769
.800	-.989	.88550	.92838	.82228	.74712	.34037	.92122	.96431	.87892	.80215	.38899
.800	.016	.90580	.94956	.84636	.77228	.36890	.90194	.94430	.85603	.77762	.36046
.799	1.001	.92535	.96871	.86940	.79603	.39640	.88134	.92287	.83244	.75245	.33168
.800	2.003	.94524	.98862	.89394	.82118	.42549	.86043	.89940	.80814	.72705	.30282
.800	3.002	.96346	1.00662	.91700	.84685	.45324	.83839	.87450	.78294	.70072	.27377
.800	3.990	.98257	1.02511	.93980	.87293	.48276	.81696	.85251	.75772	.67480	.24601
	GRADIENT	.02010	.02076	.02414	.02548	.02864	-.02009	-.02105	-.02314	-.02482	-.02861

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

MACH	BETA	CPR	CPC7	CPC8	CPC9	CPC3	CPL	CPC10	CPC11	CPC12	CPO4
.900	-3.986	.87879	.91631	.80560	.72813	.32151	1.02833	1.07046	.99442	.92563	.53373
.900	-2.981	.90058	.93857	.83077	.75441	.34975	1.01171	1.05441	.97568	.90484	.50750
.900	-1.982	.92084	.96180	.85549	.78003	.37705	.99347	1.03645	.95524	.88176	.47941
.900	-.983	.94014	.98309	.87879	.80450	.40452	.97449	1.01712	.93325	.85752	.45106
.900	.012	.95916	1.00343	.90171	.82859	.43207	.95531	.99790	.91142	.83426	.42404
.899	1.002	.97841	1.02237	.92443	.85221	.45932	.93589	.97758	.88886	.81025	.39665
.899	1.998	.99718	1.04075	.94703	.87539	.48653	.91572	.95490	.86551	.78554	.36864
.900	3.003	1.01471	1.05812	.96966	.89998	.51364	.89528	.93139	.84180	.76108	.34164
.900	3.993	1.03288	1.07570	.99147	.92509	.54157	.87395	.90328	.81680	.73489	.31348
	GRADIENT	.01922	.01995	.02322	.02446	.02751	-.01941	-.02034	-.02234	-.02397	-.02766

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

MACH	BETA	CPR	CPC7	CPC8	CPC9	CPC3	CPL	CPC10	CPC11	CPC12	CPO4
1.100	-3.983	1.02468	1.05871	.95994	.88795	.51382	1.16009	1.20000	1.12894	1.06372	.70581
1.100	-2.982	1.04278	1.07804	.98160	.90996	.53786	1.14319	1.18356	1.11000	1.04336	.68086
1.100	-1.980	1.06217	1.09894	1.00336	.93218	.56319	1.12715	1.16756	1.09137	1.02313	.65623
1.100	-.995	1.08005	1.11948	1.02485	.95485	.58808	1.11080	1.15088	1.07209	1.00189	.63148
1.100	.021	1.09763	1.13841	1.04624	.97700	.61294	1.09349	1.13312	1.05217	.98034	.60690
1.100	1.005	1.11480	1.15545	1.06695	.99856	.63743	1.07613	1.11455	1.03196	.95901	.58251
1.100	2.016	1.13083	1.17195	1.08796	1.02166	.66192	1.05825	1.09362	1.01052	.93611	.55722
1.100	3.005	1.14632	1.18759	1.10701	1.04338	.68609	1.03985	1.07309	.98858	.91353	.53328
1.100	4.001	1.16247	1.20274	1.12541	1.06380	.71053	1.02001	1.05273	.96528	.88893	.50788
	GRADIENT	.01726	.01815	.02086	.02215	.02468	-.01741	-.01844	-.02038	-.02180	-.02473

IA310 (AEDC 16TF-783) FLOW ANGULARITIES-FAIR OFF (SCM006) (03 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	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
1.250	-3.987	1.09183	1.13153	1.02837	.95447	.58226	1.22975	1.27428	1.19892	1.13104	.76765
1.250	-2.967	1.11178	1.15239	1.05082	.97721	.60732	1.21340	1.25779	1.18010	1.11104	.74371
1.250	-1.988	1.12952	1.17295	1.07253	.99950	.63083	1.19594	1.24089	1.16124	1.09062	.71971
1.250	-.984	1.14817	1.19342	1.09452	1.02255	.65589	1.17880	1.22397	1.14206	1.06938	.69595
1.250	0.2	1.16644	1.21240	1.11591	1.04475	.68004	1.16152	1.20696	1.12212	1.04761	.67211
1.250	1.007	1.18362	1.22958	1.13591	1.06528	.70304	1.14340	1.18720	1.10072	1.02479	.64786
1.250	2.002	1.20121	1.24756	1.15810	1.08844	.72715	1.12543	1.16641	1.07935	1.00288	.62380
1.250	3.003	1.21687	1.26333	1.17838	1.11150	.75064	1.10648	1.14468	1.05742	.98005	.59985
	GRADIENT	.01794	.01895	.02147	.02238	.02410	-.01764	-.01841	-.02024	-.02170	-.02404

IA310 (AEDC 16TF-783) FLOW ANGULARITIES-FAIR OFF (SCM007) (03 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	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
.599	4.032	.90646	.94651	.86175	.79627	.41272	.74312	.77758	.68253	.60109	.18621
.600	3.022	.88725	.92805	.83988	.77206	.38528	.76611	.80158	.70781	.62767	.21509
.600	1.999	.86799	.90959	.81720	.74638	.35740	.78925	.82612	.73493	.65553	.24403
.600	1.003	.84795	.88922	.79165	.71853	.32791	.81065	.84981	.76046	.68188	.27303
.600	-.010	.82869	.86991	.76811	.69421	.30074	.83218	.87238	.78496	.70804	.30208
.600	-1.008	.80698	.84689	.74245	.66791	.27213	.85188	.89184	.80724	.73241	.33022
.601	-2.016	.78489	.82294	.71756	.64179	.24394	.87132	.91109	.82921	.75625	.35865
.601	-3.016	.76233	.79892	.69016	.61384	.21564	.89102	.93028	.85071	.77955	.38659
.601	-4.033	.73788	.77309	.66261	.58552	.18606	.90949	.94832	.87180	.80259	.41523
	GRADIENT	.02079	.02146	.02473	.02611	.02811	-.02062	-.02120	-.02352	-.02505	-.02842

RUN NO. 1114/ 0 RN/L = 3.75 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
.800	4.024	.97807	1.02075	.93462	.86764	.47718	.82091	.85744	.76087	.67781	.24939
.800	3.019	.96021	1.00374	.91367	.84300	.44987	.84300	.88100	.78642	.70457	.27851
.800	1.997	.94165	.98543	.89090	.81792	.42174	.86525	.90466	.81261	.73201	.30782
.800	1.001	.92212	.96583	.86566	.79228	.39234	.88548	.92758	.83738	.75763	.33654
.800	-.016	.90270	.94645	.84236	.76818	.36492	.90576	.94830	.86061	.78261	.36554
.800	-1.009	.88204	.92466	.81796	.74278	.33618	.92528	.96799	.88297	.80668	.39372
.799	-2.016	.86143	.90224	.79471	.71789	.30784	.94474	.98738	.90484	.83071	.42211
.800	-3.022	.83889	.87766	.76808	.69017	.27904	.96232	1.00421	.92449	.85293	.45003
.800	-4.020	.81790	.85519	.74188	.66329	.25059	.98239	1.02376	.94672	.87718	.47955
	GRADIENT	.01997	.02068	.02400	.02528	.02822	-.01992	-.02057	-.02300	-.02468	-.02852

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

(SCMO07) (03 OCT 91)

PARAMETRIC DATA

ALPHA = .000 PHI = -90.000

MACH	BETA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
.900	4.024	1.02916	1.07221	.98728	.92074	.53702	.87789	.91469	.82013	.73806	.31752
.900	3.019	1.01270	1.05641	.96738	.89730	.51079	.90006	.93772	.84482	.76454	.34569
.900	1.997	.99381	1.03792	.94361	.87191	.48257	.91983	.95937	.86910	.78964	.37271
.900	.996	.97467	1.01864	.92002	.84756	.45472	.93948	.98115	.89285	.81425	.40092
.900	.017	.95626	1.00026	.89767	.82439	.42807	.95935	1.00175	.91560	.83870	.42891
.900	-1.009	.93656	.97958	.87464	.80032	.40077	.97819	1.02068	.93724	.86181	.45608
.900	-2.027	.91597	.95680	.85097	.77528	.37237	.99677	1.03935	.95827	.88151	.48360
.900	-3.018	.89548	.93482	.82708	.75023	.34504	1.01414	1.05648	.97782	.90708	.51015
.899	-4.023	.87421	.91216	.80047	.72307	.31724	1.03182	1.07366	.99798	.92939	.53781
	GRADIENT	.01931	.01999	.02318	.02440	.02735	-.01907	-.01975	-.02209	-.02372	-.02736

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

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

MACH	BETA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
1.100	4.020	1.16083	1.20114	1.12321	1.06130	.70759	1.02365	1.05665	.96926	.89296	.51165
1.100	2.996	1.14411	1.18524	1.10404	1.04003	.68264	1.04283	1.07640	.99158	.91635	.53625
1.100	1.984	1.12776	1.16890	1.08426	1.01749	.65789	1.06167	1.09769	1.01413	.93988	.56109
1.100	.996	1.11182	1.15263	1.06326	.99476	.63357	1.07992	1.11840	1.03583	.96279	.58635
1.100	-.016	1.09398	1.13464	1.04196	.97275	.60889	1.09684	1.13648	1.05578	.98401	.61055
1.100	-1.001	1.07679	1.11602	1.02131	.95123	.58478	1.11343	1.15351	1.07506	1.00505	.63468
1.099	-2.017	1.05871	1.09519	.99973	.92849	.55918	1.12922	1.16954	1.09368	1.02555	.65883
1.100	-3.025	1.04021	1.07548	.97857	.90677	.53500	1.14513	1.18568	1.11259	1.04603	.68377
1.099	-4.035	1.02067	1.05432	.95510	.88239	.50993	1.16167	1.20146	1.13075	1.06589	.70870
	GRADIENT	.01734	.01826	.02090	.02218	.02455	-.01705	-.01801	-.02003	-.02147	-.02446

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

MACH	BETA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
1.250	4.024	1.23049	1.27572	1.19280	1.12792	.76939	1.09089	1.12946	1.03870	.96039	.57964
1.250	2.996	1.21332	1.25882	1.17276	1.10586	.74528	1.11032	1.15008	1.06118	.98392	.60443
1.250	1.998	1.19683	1.24282	1.15323	1.08373	.72224	1.12896	1.17114	1.08414	1.00766	.62880
1.250	.993	1.17970	1.22624	1.13256	1.06174	.69841	1.14786	1.19203	1.10635	1.03104	.65379
1.250	-.018	1.16218	1.20887	1.11107	1.03926	.67428	1.16545	1.20990	1.12601	1.05227	.67717
1.250	-1.013	1.14462	1.18965	1.08947	1.01704	.65081	1.18373	1.22849	1.14629	1.07388	.70160
1.249	-2.031	1.12573	1.16827	1.06741	.99435	.62601	1.20056	1.24609	1.16634	1.09565	.72540
1.250	-3.021	1.10671	1.14689	1.04554	.97191	.60162	1.21584	1.26113	1.18419	1.11516	.74830
	GRADIENT	.01750	.01812	.02095	.02216	.02378	-.01784	-.01884	-.02072	-.02204	-.02399

IA310 (AEDC 16TF-783) FLOW ANGULARITIES-FAIR OFF (SCM009) (03 OCT 91)

PARAMETRIC DATA

BETA = .000 PHI = 180.000

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
.920	-.007	.97228	1.01599	.91537	.84293	.44985	.96633	1.00903	.92332	.84655	.43960
.920	4.032	.94501	.98859	.89858	.82827	.43849	.94072	.98488	.90569	.83372	.42879
	GRADIENT	-.00678	-.00678	-.00416	-.00363	-.00281	-.00634	-.00598	-.00436	-.00318	-.00268

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
.950	-.013	.99207	1.03545	.93593	.86412	.47588	.98625	1.02856	.94382	.86784	.46593
.950	4.038	.96478	1.00780	.91885	.84962	.46462	.96003	1.00402	.92561	.85419	.45475
	GRADIENT	-.00674	-.00683	-.00422	-.00358	-.00278	-.00647	-.00606	-.00450	-.00337	-.00276

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
.980	-.011	1.01256	1.05585	.95683	.88564	.50289	1.00717	1.04915	.96513	.89034	.49343
.980	4.047	.98591	1.02869	.94014	.87113	.49160	.98206	1.02523	.94774	.87702	.48271
	GRADIENT	-.00657	-.00669	-.00411	-.00358	-.00278	-.00619	-.00589	-.00429	-.00328	-.00264

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
1.050	-.004	1.06101	1.10272	1.00735	.93725	.56612	1.05624	1.09689	1.01524	.94183	.55791
1.050	4.044	1.03598	1.07747	.99199	.92489	.55631	1.03116	1.07332	.99783	.92843	.54673
	GRADIENT	-.00619	-.00624	-.00379	-.00305	-.00242	-.00620	-.00582	-.00430	-.00331	-.00276

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
1.150	-.014	1.12418	1.16613	1.07338	1.00349	.63960	1.12031	1.16125	1.07976	1.00743	.63295
1.150	4.042	1.10012	1.14185	1.05803	.99295	.63012	1.09627	1.13919	1.06321	.99385	.62328
	GRADIENT	-.00593	-.00599	-.00379	-.00260	-.00234	-.00593	-.00544	-.00408	-.00335	-.00239

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
1.150	-.014	1.12418	1.16613	1.07338	1.00349	.63960	1.12031	1.16125	1.07976	1.00743	.63295
1.150	4.042	1.10012	1.14185	1.05803	.99295	.63012	1.09627	1.13919	1.06321	.99385	.62328
	GRADIENT	-.00593	-.00599	-.00379	-.00260	-.00234	-.00593	-.00544	-.00408	-.00335	-.00239

IA310 (AEDC 16TF-783) FLOW ANGULARITIES-FAIR OFF (SCMO10) (03 OCT 91)

PARAMETRIC DATA

ALPHA = .000 PHI = 90.000

MACH	BETA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CP04
.920	1.990	1.00867	1.05202	.95895	.88788	.50198	.92847	.96767	.87877	.79939	.38617
.920	-2.017	.93258	.97324	.86791	.79289	.39310	1.00541	1.04832	.96775	.89466	.49580
	GRADIENT	.01899	.01966	.02272	.02370	.02717	-.01920	-.02012	-.02220	-.02377	-.02736

MACH	BETA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CP04
.950	1.943	1.02676	1.06974	.97774	.90727	.52633	.94927	.98807	.90027	.82164	.41437
.950	-2.024	.95147	.99152	.88742	.81338	.41893	1.02355	1.06606	.98654	.91431	.52072
	GRADIENT	.01898	.01972	.02277	.02367	.02708	-.01875	-.01966	-.02175	-.02336	-.02681

MACH	BETA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CP04
.980	1.988	1.04770	1.09090	.99928	.92930	.55335	.97013	1.00857	.92166	.84415	.44161
.980	-2.024	.97325	1.01359	.91003	.83631	.44759	1.04419	1.08650	1.00762	.93652	.54789
	GRADIENT	.01856	.01927	.02224	.02318	.02636	-.01846	-.01942	-.02142	-.02302	-.02649

MACH	BETA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CP04
1.050	1.989	1.09512	1.13660	1.04861	.97988	.61494	1.02069	1.05792	.97335	.89718	.50800
1.050	-2.021	1.02368	1.06223	.96267	.89008	.51304	1.09198	1.13298	1.05619	.98615	.60980
	GRADIENT	.01781	.01855	.02143	.02239	.02541	-.01778	-.01872	-.02066	-.02219	-.02538

MACH	BETA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CP04
1.150	1.992	1.15687	1.19925	1.11391	1.04674	.68702	1.08465	1.12165	1.03768	.96264	.58359
1.150	-2.018	1.08877	1.12697	1.02988	.95848	.58921	1.15475	1.19607	1.11908	1.05018	.68195
	GRADIENT	.01698	.01803	.02096	.02201	.02439	-.01748	-.01856	-.02030	-.02183	-.02453

IA310 (AEDC 16TF-783) FLOW ANGULARITIES-FAIR OFF (SCM011) (03 OCT 91)

PARAMETRIC DATA

ALPHA = .000 PHI = -90.000

MACH	BETA	CPR	CPC7	CPC8	CPC9	CPC3	CPL	CPC10	CPC11	CPC12	CPO4
.920	-2.004	.92898	.96937	.86456	.78950	.38983	1.00850	1.05074	.97025	.89733	.49911
.920	2.037	1.00612	1.04988	.95653	.88547	.49910	.93193	.97099	.88142	.80296	.38888
	GRADIENT	.01908	.01992	.02276	.02374	.02704	-.01894	-.01973	-.02198	-.02352	-.02727

MACH	BETA	CPR	CPC7	CPC8	CPC9	CPC3	CPL	CPC10	CPC11	CPC12	CPO4
.950	-2.001	.94883	.98879	.88518	.81112	.41681	1.02695	1.06875	.98931	.91723	.52408
.950	2.043	1.02512	1.06853	.97636	.90593	.52479	.95158	.99043	.90190	.82350	.41589
	GRADIENT	.01887	.01972	.02255	.02344	.02670	-.01864	-.01937	-.02161	-.02318	-.02675

MACH	BETA	CPR	CPC7	CPC8	CPC9	CPC3	CPL	CPC10	CPC11	CPC12	CPO4
.980	-2.002	.97065	1.01088	.90773	.83404	.44557	1.04724	1.08895	1.01009	.93908	.55081
.980	2.039	1.04555	1.08906	.99701	.92712	.55127	.97337	1.01177	.92406	.84690	.44435
	GRADIENT	.01853	.01934	.02209	.02303	.02616	-.01828	-.01910	-.02129	-.02281	-.02634

MACH	BETA	CPR	CPC7	CPC8	CPC9	CPC3	CPL	CPC10	CPC11	CPC12	CPO4
1.050	-2.002	1.02062	1.05925	.96013	.88752	.51075	1.09390	1.13452	1.05778	.98784	.61146
1.050	2.037	1.09281	1.13470	1.04645	.97777	.61293	1.02309	1.06036	.97514	.89922	.50976
	GRADIENT	.01787	.01868	.02137	.02235	.02530	-.01753	-.01836	-.02046	-.02194	-.02518

MACH	BETA	CPR	CPC7	CPC8	CPC9	CPC3	CPL	CPC10	CPC11	CPC12	CPO4
1.150	-2.009	1.08514	1.12325	1.02645	.95500	.58584	1.15609	1.19751	1.12096	1.05228	.68490
1.150	2.023	1.15529	1.19750	1.11172	1.04441	.68426	1.08810	1.12549	1.04103	.96624	.58737
	GRADIENT	.01740	.01841	.02115	.02217	.02441	-.01686	-.01786	-.01982	-.02134	-.02419

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

(SCM012) (03 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	CPR	CPC7	CPC8	CPC9	CPC3	CPL	CPC10	CPC11	CPC12	CP04
.950	-2.000	.94961	.98967	.88608	.81196	.41770	1.02753	1.06941	.98996	.91782	.52466
.950	2.038	1.02555	1.06874	.97657	.90616	.52499	.95205	.99072	.90217	.82373	.41614
	GRADIENT	.01881	.01958	.02241	.02332	.02657	-.01869	-.01949	-.02174	-.02330	-.02687

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

(SCM013) (03 OCT 91)

PARAMETRIC DATA

BETA = .000 PHI = .000

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

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPC3	CPL	CPC10	CPC11	CPC12	CP04
.899	-8.002	.85051	.90061	.82455	.76479	.38155	.85859	.89869	.83298	.77796	.38719
.900	-6.995	.87590	.92509	.84393	.78152	.39297	.88358	.92348	.85209	.79267	.39880
.900	-5.993	.89767	.94546	.86034	.79530	.40160	.90401	.94396	.86802	.80473	.40583
.900	-4.991	.91632	.96269	.87363	.80695	.40958	.92113	.96170	.88182	.81536	.41437
.900	-3.993	.93072	.97589	.88431	.81560	.41547	.93486	.97593	.89304	.82425	.42059
.900	-2.991	.94179	.98630	.89210	.82101	.42050	.94620	.98709	.90231	.83133	.42558
.900	-1.995	.94911	.99349	.89705	.82459	.42398	.95471	.99552	.90905	.83654	.42903
.900	-.992	.95415	.99782	.90014	.82679	.42637	.96017	1.00142	.91379	.83984	.43145
.900	.021	.95545	.99887	.90099	.82770	.42719	.96095	1.00301	.91547	.84069	.43202
.900	1.007	.95304	.99620	.89982	.82640	.42593	.95732	.99987	.91322	.83900	.43058
.900	2.009	.94771	.99074	.89653	.82408	.42348	.95098	.99449	.90932	.83595	.42858
.900	3.012	.93930	.98234	.89066	.82078	.41998	.94223	.98659	.90333	.83039	.42554
.900	4.010	.92676	.97046	.88172	.81378	.41492	.93010	.97523	.89469	.82303	.42084
.900	5.008	.91121	.95560	.87045	.80383	.40792	.91458	.96080	.88371	.81396	.41407
.899	6.007	.89258	.93809	.85669	.79229	.39997	.89582	.94306	.87090	.80375	.40638
.900	7.006	.87067	.91640	.83981	.77794	.39056	.87387	.92142	.85450	.79056	.39717
.900	7.999	.84584	.89234	.82095	.76190	.37927	.84929	.89782	.83706	.77618	.38627
	GRADIENT	.00119	.00089	.00090	.00072	.00061	.00100	.00150	.00144	.00087	.00069

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

(SCM013) (03 OCT 91)

PARAMETRIC DATA

BETA = .000 PHI = .000

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

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
1.249	-7.994	1.07483	1.12452	1.04867	.99005	.63634	1.07964	1.12054	1.05508	.99960	.65951
1.249	-6.987	1.09546	1.14436	1.06435	1.00326	.64491	1.09987	1.14115	1.07082	1.01134	.64820
1.250	-5.992	1.11376	1.16173	1.07803	1.01477	.65255	1.11738	1.15868	1.08462	1.02172	.65591
1.249	-4.992	1.12884	1.17630	1.08931	1.02429	.65901	1.13139	1.17335	1.09604	1.03024	.66200
1.250	-3.996	1.14159	1.18840	1.09792	1.03176	.66439	1.14348	1.18610	1.10598	1.03776	.66731
1.250	-2.995	1.15166	1.19794	1.10614	1.03693	.66926	1.15415	1.19737	1.11506	1.04488	.67247
1.250	-1.995	1.15739	1.20325	1.10943	1.03853	.67173	1.16055	1.20387	1.12023	1.04847	.67510
1.250	-.991	1.16084	1.20706	1.11208	1.04100	.67419	1.16453	1.20830	1.12405	1.05112	.67753
1.250	.024	1.16224	1.20840	1.11314	1.04189	.67461	1.16549	1.20989	1.12549	1.05204	.67815
1.250	1.010	1.16045	1.20596	1.11190	1.04028	.67318	1.16305	1.20807	1.12439	1.05099	.67691
1.250	2.004	1.15525	1.20039	1.10831	1.03762	.67074	1.15714	1.20269	1.12049	1.04800	.67483
1.250	3.014	1.14760	1.19279	1.10350	1.03501	.66774	1.14937	1.19551	1.11522	1.04342	.67198
1.250	4.011	1.13655	1.18194	1.09553	1.02950	.66303	1.13869	1.18567	1.10781	1.03703	.66792
1.250	5.023	1.12390	1.16963	1.08600	1.02160	.65742	1.12547	1.17313	1.09854	1.02975	.66307
1.249	6.004	1.10947	1.15530	1.07511	1.01198	.65073	1.11054	1.15895	1.08783	1.02104	.65619
1.249	7.008	1.08994	1.13596	1.06024	.99950	.64237	1.09122	1.13969	1.07328	1.00967	.64747
1.249	8.005	1.06935	1.11583	1.04479	.98688	.63432	1.07057	1.11960	1.05884	.99817	.63946
	GRADIENT	.00085	.00063	.00069	.00048	.00044	.00079	.00132	.00128	.00076	.00063

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

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
1.400	-8.002	1.09485	1.16107	1.07569	1.01352	.65172	1.10056	1.15800	1.08478	1.02528	.65673
1.400	-6.991	1.11576	1.18233	1.09187	1.02714	.65981	1.12053	1.17875	1.10090	1.03685	.66478
1.400	-5.996	1.13238	1.19939	1.10484	1.03764	.66660	1.13645	1.19598	1.11391	1.04656	.67125
1.400	-5.000	1.14660	1.21292	1.11536	1.04631	.67246	1.14988	1.20983	1.12484	1.05462	.67684
1.400	-3.994	1.15814	1.22476	1.12424	1.05290	.67748	1.16089	1.22226	1.13439	1.06161	.68186
1.400	-2.994	1.16775	1.23365	1.13070	1.05577	.68111	1.17086	1.23337	1.14251	1.06807	.68573
1.400	-1.993	1.17256	1.23853	1.13311	1.05753	.68354	1.17641	1.24042	1.14836	1.07168	.68829
1.400	-.995	1.17584	1.24258	1.13602	1.06028	.68524	1.17971	1.24492	1.15162	1.07364	.68976
1.400	.024	1.17774	1.24443	1.13742	1.06124	.68592	1.18089	1.24735	1.15364	1.07498	.69030
1.400	1.005	1.17610	1.24195	1.13623	1.05988	.68527	1.17863	1.24552	1.15271	1.07424	.68973
1.400	2.006	1.17025	1.23521	1.13213	1.05660	.68340	1.17280	1.23895	1.14848	1.07139	.68802
1.400	3.021	1.16293	1.22809	1.12825	1.05440	.68085	1.16571	1.23155	1.14269	1.06639	.68531
1.400	4.018	1.15354	1.21819	1.12175	1.05063	.67739	1.15621	1.22281	1.13670	1.06146	.68197
1.400	5.009	1.14097	1.20499	1.11184	1.04314	.67233	1.14294	1.21016	1.12785	1.05408	.67745
1.400	6.017	1.12695	1.18975	1.10002	1.03355	.66624	1.12846	1.19460	1.11626	1.04504	.67109
1.400	7.009	1.10875	1.17115	1.08555	1.02147	.65850	1.11045	1.17652	1.10261	1.03387	.66324
1.399	8.011	1.08964	1.15094	1.07040	1.00857	.65086	1.09072	1.15702	1.08837	1.02294	.65541
	GRADIENT	-.00062	-.00084	-.00032	-.00026	-.00002	-.00071	-.00009	-.00118	-.00009	-.00002

IA310 (AEDC 16TF-783) FLOW ANGULARITIES-FAIR OFF (SCMO13) (03 OCT 91)

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 1203/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
1.450	-8.005	1.07917	1.16120	1.07523	1.01405	.65660	1.09000	1.16210	1.08838	1.02849	.66092
1.449	-7.000	1.09622	1.17947	1.08958	1.02604	.66342	1.10728	1.18022	1.10098	1.03653	.66730
1.449	-6.005	1.11274	1.19563	1.10229	1.03668	.66999	1.12322	1.19621	1.11311	1.04567	.67400
1.450	-5.000	1.12726	1.21075	1.11292	1.04459	.67618	1.13539	1.21288	1.12559	1.05482	.67998
1.450	-3.999	1.13792	1.22220	1.12119	1.05084	.68085	1.14544	1.22533	1.13486	1.06164	.68405
1.450	-3.000	1.14447	1.23055	1.12644	1.05286	.68295	1.15162	1.23371	1.14134	1.06637	.68686
1.450	-2.006	1.15285	1.23982	1.13135	1.05627	.68571	1.15980	1.24286	1.14846	1.07114	.69031
1.450	-1.002	1.15850	1.24669	1.13565	1.06011	.68832	1.16509	1.24952	1.15411	1.07521	.69312
1.451	.003	1.16092	1.25058	1.13879	1.06253	.68908	1.16620	1.25241	1.15649	1.07650	.69382
1.450	1.006	1.16023	1.24974	1.13813	1.06080	.68722	1.16463	1.25144	1.15553	1.07482	.69167
1.450	2.001	1.15339	1.24087	1.13342	1.05715	.68528	1.15672	1.24303	1.15016	1.07175	.69064
1.451	2.996	1.14646	1.23290	1.12985	1.05523	.68300	1.15013	1.23553	1.14459	1.06707	.68825
1.449	4.002	1.13696	1.22049	1.12132	1.04954	.67780	1.14087	1.22627	1.13735	1.06043	.68306
1.451	4.994	1.12632	1.20719	1.11235	1.04314	.67393	1.12870	1.21439	1.12960	1.05510	.68064
1.450	6.001	1.11210	1.19091	1.10035	1.03414	.66721	1.11405	1.19782	1.11682	1.04469	.67439
1.450	6.988	1.09594	1.17366	1.08738	1.02355	.66035	1.09826	1.18162	1.10487	1.03515	.66735
1.449	7.995	1.07798	1.15259	1.07129	1.01045	.65219	1.07937	1.16108	1.09053	1.02474	.65922
	GRADIENT	.00000	-.00011	.00013	-.00003	-.00023	-.00057	.00017	.00041	-.00000	.00002

RUN NO. 1276/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
1.474	-8.000	1.05226	1.15709	1.06812	1.00683	.64881	1.06194	1.15615	1.07915	1.01899	.65268
1.473	-6.979	1.06690	1.17667	1.08291	1.01870	.65542	1.07552	1.17605	1.09428	1.02978	.65944
1.474	-5.995	1.07842	1.19381	1.09588	1.02945	.66178	1.08565	1.19265	1.10746	1.03937	.66597
1.474	-4.994	1.08703	1.20799	1.10613	1.03735	.66645	1.09286	1.20629	1.11778	1.04691	.67082
1.474	-3.994	1.09800	1.22059	1.11403	1.04219	.67150	1.10307	1.21939	1.12795	1.05507	.67577
1.474	-2.994	1.10440	1.22773	1.11991	1.04540	.67495	1.10973	1.22834	1.13554	1.06052	.67967
1.473	-1.979	1.10584	1.23084	1.12308	1.04901	.67766	1.11210	1.23412	1.14008	1.06337	.68242
1.473	-.991	1.10857	1.23518	1.12543	1.05098	.67863	1.11555	1.24073	1.14428	1.06543	.68366
1.473	.014	1.10826	1.23677	1.12689	1.05221	.67925	1.11443	1.24260	1.14535	1.06574	.68420
1.473	1.011	1.10828	1.23688	1.12776	1.05239	.67829	1.11378	1.24031	1.14387	1.06433	.68374
1.474	2.005	1.10701	1.23274	1.12547	1.05020	.67590	1.11158	1.23519	1.14003	1.06141	.68154
1.474	3.010	1.10514	1.22570	1.12133	1.04735	.67356	1.10967	1.22876	1.13546	1.05786	.67883
1.474	4.022	1.09936	1.21471	1.11464	1.04405	.67002	1.10357	1.22198	1.12926	1.05271	.67485
1.473	5.008	1.09238	1.20390	1.10679	1.03832	.66561	1.09545	1.20836	1.12185	1.04693	.67062
1.473	6.004	1.08240	1.19006	1.09644	1.02953	.65960	1.08538	1.19379	1.11122	1.03860	.66530
1.473	7.012	1.07087	1.17313	1.08431	1.01947	.65265	1.07366	1.17686	1.09885	1.02880	.65883
1.473	8.008	1.05540	1.15349	1.06992	1.00756	.64516	1.05722	1.15719	1.08499	1.01819	.65195
	GRADIENT	.00110	.00085	.00104	.00080	.00033	-.00094	.00144	.00116	-.00048	.00043

IA310 (AEDC 16TF-783) FLOW ANGULARITIES-FAIR OFF (SCMO13) (03 OCT 91)

PARAMETRIC DATA

BETA = .000 PHI = .000

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

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPC3	CPL	CPC10	CPC11	CPC12	CP04
1.495	-7.999	1.02852	1.16168	1.07312	1.01213	.65544	1.03579	1.15768	1.08168	1.02188	.65659
1.495	-6.988	1.03573	1.18111	1.08806	1.02451	.66233	1.04298	1.17649	1.09684	1.02860	.66392
1.495	-5.993	1.04021	1.19953	1.10189	1.03544	.66881	1.04620	1.19643	1.11037	1.04268	.67057
1.495	-4.993	1.04190	1.21250	1.10935	1.04110	.67326	1.04729	1.21037	1.12065	1.05026	.67540
1.495	-3.987	1.03988	1.22455	1.11660	1.04496	.67845	1.04503	1.22333	1.13111	1.05829	.68059
1.495	-2.993	1.03410	1.23352	1.12232	1.04913	.68149	1.04023	1.23330	1.13879	1.06312	.68369
1.495	-1.994	1.03379	1.24155	1.12780	1.05393	.68431	1.04046	1.24252	1.14537	1.06732	.68685
1.495	-.998	1.03154	1.24495	1.13026	1.05609	.68552	1.03854	1.24734	1.14889	1.06963	.68849
1.495	.015	1.03141	1.24524	1.13109	1.05677	.68574	1.03740	1.24796	1.14965	1.06992	.68862
1.496	1.008	1.03548	1.24350	1.13015	1.05607	.68531	1.04044	1.24614	1.14892	1.06947	.68818
1.495	2.005	1.04424	1.23937	1.12861	1.05444	.68411	1.04958	1.24274	1.14742	1.06865	.68731
1.495	3.010	1.04942	1.23287	1.12504	1.05144	.68108	1.05433	1.23591	1.14278	1.06528	.68445
1.495	4.011	1.05120	1.22211	1.11953	1.04828	.67673	1.05542	1.22607	1.13561	1.05928	.68041
1.495	5.007	1.05172	1.21001	1.11181	1.04307	.67197	1.05477	1.21285	1.12587	1.05141	.67617
1.495	6.015	1.05180	1.19620	1.10235	1.03581	.66647	1.05415	1.19834	1.11490	1.04254	.67091
1.496	7.007	1.04794	1.17923	1.09053	1.02624	.66059	1.05008	1.18271	1.10372	1.03369	.66522
1.496	8.008	1.04042	1.15890	1.07511	1.01386	.65275	1.04139	1.16252	1.08960	1.02296	.65780
	GRADIENT	.00125	.00109	.00115	.00087	.00040	.00111	.00174	.00164	.00100	.00057

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

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPC3	CPL	CPC10	CPC11	CPC12	CP04
1.520	-7.999	.84299	1.15911	1.06731	1.00574	.64906	.85169	1.15609	1.07826	1.01825	.65544
1.520	-6.993	.80784	1.17891	1.08204	1.01802	.65603	.81740	1.17649	1.09292	1.02860	.66232
1.520	-5.993	.79030	1.19587	1.09146	1.02441	.66097	.79869	1.19288	1.10401	1.03637	.66687
1.520	-4.999	.78620	1.21388	1.09948	1.02985	.66712	.79541	1.21140	1.11682	1.04504	.67270
1.520	-3.982	.79023	1.23063	1.10726	1.03607	.67152	.79983	1.22878	1.12620	1.05126	.67685
1.520	-2.994	.81785	1.24936	1.11533	1.04119	.67473	.82574	1.24719	1.13373	1.05615	.67980
1.520	-1.995	.94419	1.25658	1.12757	1.04888	.67794	.94910	1.26121	1.14477	1.06287	.68246
1.520	-.986	.97599	1.23863	1.13282	1.05320	.67996	.97976	1.24969	1.15079	1.06722	.68408
1.520	.014	.98347	1.23581	1.13484	1.05538	.68203	.98752	1.24808	1.15297	1.06905	.68536
1.520	1.011	.97075	1.24395	1.13203	1.05267	.68029	.97248	1.25643	1.15107	1.06728	.68381
1.520	2.005	.85939	1.25354	1.12157	1.04561	.67794	.86201	1.25449	1.14136	1.06114	.68174
1.520	3.005	.80640	1.23702	1.11455	1.04203	.67661	.81157	1.23864	1.13668	1.05804	.68013
1.521	4.006	.79886	1.21999	1.10645	1.03547	.67289	.80430	1.22374	1.12973	1.05333	.67610
1.520	5.018	.79533	1.20146	1.09681	1.02738	.66645	.80168	1.20641	1.11827	1.04503	.67056
1.520	6.004	.82133	1.18800	1.09188	1.02625	.66274	.82849	1.19297	1.10919	1.03779	.66710
1.520	7.006	.85432	1.17100	1.07982	1.01661	.65556	.85996	1.17657	1.09779	1.02893	.66031
1.520	7.997	.87836	1.15453	1.06872	1.00815	.65041	.88085	1.15950	1.08622	1.02089	.65526
	GRADIENT	.00319	.00048	.00098	.00078	.00068	.00257	.00122	.00151	.00098	.00042

IA310 (AEDC 16TF-783) FLOW ANGULARITIES-FAIR OFF (SCM013) (03 OCT 91)

PARAMETRIC DATA

BETA = .000 PHI = .000

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

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
1.543	-8.002	.72866	1.14691	1.05702	.99786	.64124	.73815	1.14343	1.06675	1.00805	.64724
1.543	-7.003	.73362	1.16980	1.06789	1.00568	.64886	.74195	1.16739	1.08432	1.02156	.65509
1.544	-5.992	.74713	1.19515	1.07692	1.01270	.65548	.75297	1.19373	1.09975	1.03184	.66136
1.544	-4.982	.76831	1.22207	1.08923	1.01987	.65951	.77321	1.22255	1.11208	1.03909	.66550
1.544	-3.992	.83988	1.26945	1.10704	1.03060	.66363	.84273	1.27299	1.12601	1.04715	.66945
1.544	-2.993	.89018	1.32201	1.11862	1.03685	.66806	.89276	1.25063	1.14020	1.05476	.67347
1.544	-1.988	.91762	1.17004	1.12645	1.04229	.67082	.92293	1.19629	1.14807	1.05892	.67578
1.544	-.990	.93205	1.13826	1.12944	1.04491	.67228	.93831	1.16511	1.15035	1.06077	.67680
1.544	.015	.93489	1.13533	1.13060	1.04638	.67357	.94072	1.15962	1.15124	1.06203	.67796
1.544	1.011	.92706	1.14649	1.12922	1.04482	.67314	.93109	1.17304	1.15041	1.06105	.67693
1.543	2.011	.90546	1.18652	1.12475	1.04119	.67140	.90763	1.21596	1.14578	1.05780	.67514
1.543	3.010	.87317	1.24511	1.11641	1.03635	.66949	.87303	1.26676	1.13727	1.05280	.67289
1.543	4.006	.78830	1.24166	1.09982	1.02691	.66600	.78764	1.24556	1.12341	1.04508	.66916
1.543	5.012	.75270	1.20607	1.08511	1.01747	.66187	.75160	1.21212	1.11297	1.03803	.66465
1.543	6.009	.74433	1.18128	1.07464	1.01032	.65652	.74559	1.18944	1.10214	1.03043	.65905
1.544	7.005	.73342	1.15739	1.06519	1.00432	.65026	.73736	1.16713	1.08803	1.01993	.65325
1.544	8.012	.73099	1.13545	1.05165	.99349	.64252	.73824	1.14497	1.07257	1.00828	.64601
1.543	GRADIENT	.00316	-.00180	.00122	.00081	.00075	.00269	-.00052	.00131	.00070	.00042

IA310 (AEDC 16TF-783) FLOW ANGULARITIES-FAIR OFF (SCMO14) (03 OCT 91)

PARAMETRIC DATA

BETA = .000 PHI = .000

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

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
.899	-8.003	.85175	.90133	.82528	.76533	.38306	.85890	.89892	.83341	.77833	.38861
.900	-6.980	.87721	.92563	.84448	.78189	.39462	.88430	.92381	.85253	.79315	.40040
.900	-5.993	.89857	.94563	.86043	.79510	.40316	.90405	.94234	.86840	.80511	.40725
.900	-4.992	.91678	.96266	.87356	.80666	.41068	.92112	.96162	.88191	.81570	.41564
.900	-3.988	.93949	.98295	.89129	.82225	.42272	.94354	.98262	.89978	.83082	.42767
.900	-2.991	.94087	.98497	.89071	.81959	.42071	.94463	.98577	.90117	.83029	.42600
.900	-1.995	.95015	.99371	.89728	.82460	.42524	.95535	.99586	.90977	.83704	.43055
.900	-.997	.95534	.99805	.90030	.82702	.42798	.96087	1.00169	.91454	.84034	.43323
.900	.015	.95692	.99955	.90153	.82829	.42897	.96220	1.00366	.91638	.84153	.43389
.900	1.007	.95422	.99659	.90013	.82663	.42753	.95856	1.00063	.91434	.83997	.43263
.900	2.004	.94825	.99061	.89637	.82393	.42486	.95139	.99477	.91013	.83641	.43039
.900	3.006	.93999	.98227	.89072	.82065	.42146	.94234	.98644	.90339	.83048	.42680
.900	4.010	.92729	.97023	.88147	.81343	.41599	.93012	.97516	.89450	.82300	.42206
.900	5.008	.91182	.95529	.86998	.80348	.40919	.91493	.96073	.88376	.81423	.41534
.900	6.001	.89329	.93738	.85646	.79172	.40158	.89581	.94267	.87060	.80345	.40741
.900	7.005	.87207	.91713	.84063	.77847	.39215	.87492	.92219	.85547	.79142	.39866
.900	8.009	.84775	.89321	.82202	.76275	.38160	.85062	.89851	.83795	.77707	.38825
	GRADIENT	.00090	.00062	.00064	.00048	.00041	.00071	.00127	.00121	.00063	.00049

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

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
1.250	-7.999	1.07391	1.12305	1.04806	.98952	.63521	1.07933	1.12027	1.05444	1.00002	.64024
1.250	-6.982	1.09566	1.14410	1.06462	1.00359	.64552	1.10061	1.14183	1.07114	1.01267	.64958
1.250	-5.996	1.11278	1.16058	1.07721	1.01418	.65231	1.11672	1.15824	1.08401	1.02206	.65639
1.250	-4.981	1.12851	1.17602	1.08953	1.02471	.65936	1.13197	1.17352	1.09637	1.03145	.66313
1.250	-3.991	1.14042	1.18739	1.09854	1.03169	.66401	1.14322	1.18532	1.10548	1.03842	.66776
1.250	-2.990	1.15040	1.19676	1.10537	1.03653	.66860	1.15362	1.19616	1.11408	1.04505	.67248
1.250	-1.990	1.15627	1.20262	1.10918	1.03838	.67182	1.16032	1.20314	1.11977	1.04930	.67574
1.250	-.996	1.15962	1.20593	1.11170	1.04070	.67369	1.16415	1.20737	1.12329	1.05154	.67756
1.250	.014	1.16145	1.20749	1.11293	1.04188	.67463	1.16545	1.20913	1.12483	1.05259	.67847
1.250	1.010	1.15993	1.20559	1.11204	1.04072	.67351	1.16301	1.20781	1.12422	1.05197	.67762
1.250	2.008	1.15480	1.19996	1.10849	1.03805	.67113	1.15721	1.20227	1.12029	1.04883	.67554
1.250	3.025	1.14583	1.19091	1.10202	1.03380	.66681	1.14828	1.19380	1.11361	1.04291	.67141
1.250	4.011	1.13609	1.18109	1.09517	1.02934	.66313	1.13857	1.18458	1.10698	1.03737	.66818
1.250	5.017	1.12394	1.16905	1.08602	1.02169	.65815	1.12557	1.17281	1.09794	1.03022	.66339
1.250	6.009	1.10893	1.15429	1.07447	1.01176	.65130	1.10996	1.15801	1.08667	1.02097	.65664
1.250	7.007	1.09049	1.13620	1.06090	1.00046	.64381	1.09181	1.14005	1.07332	1.01065	.64843
1.250	8.004	1.06922	1.11535	1.04503	.98703	.63511	1.07032	1.11909	1.05778	.99829	.63958
	GRADIENT	.00085	.00058	.00061	.00044	.00044	.00074	.00124	.00120	.00068	.00056

IA310 (AEDC 16TF-783) FLOW ANGULARITIES-FAIR OFF (SCMO14) (03 OCT 91)

PARAMETRIC DATA

BETA = .000 PHI = .000

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

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
1.400	-7.996	1.09746	1.16227	1.07851	1.01651	.65618	1.10228	1.15776	1.08467	1.02614	.66006
1.400	-6.985	1.11758	1.18316	1.09414	1.02960	.66391	1.12130	1.17845	1.10030	1.03732	.66761
1.400	-5.990	1.13501	1.20057	1.10733	1.04044	.67123	1.13763	1.19658	1.11423	1.04789	.67473
1.400	-4.989	1.14918	1.21453	1.11838	1.04955	.67753	1.15128	1.21083	1.12583	1.05638	.68095
1.399	-3.988	1.15967	1.22477	1.12513	1.05534	.68099	1.16178	1.22171	1.13388	1.06225	.68432
1.400	-2.988	1.16912	1.23415	1.13214	1.05816	.68534	1.17188	1.23302	1.14292	1.06941	.68958
1.400	-1.988	1.17469	1.23960	1.13550	1.06043	.68827	1.17870	1.24083	1.14936	1.07380	.69268
1.399	-.990	1.17739	1.24295	1.13746	1.06239	.68908	1.18149	1.24455	1.15198	1.07507	.69331
1.400	.018	1.17980	1.24496	1.13897	1.06354	.68997	1.18318	1.24695	1.15404	1.07654	.69422
1.400	1.004	1.17725	1.24172	1.13713	1.06148	.68868	1.17990	1.24441	1.15243	1.07507	.69302
1.400	2.005	1.17239	1.23645	1.13396	1.05931	.68799	1.17484	1.23927	1.14965	1.07353	.69249
1.400	3.005	1.16500	1.22867	1.12958	1.05683	.68512	1.16764	1.23168	1.14369	1.06849	.68968
1.400	4.023	1.15582	1.21926	1.12361	1.05316	.68185	1.15810	1.22333	1.13782	1.06333	.68613
1.400	5.009	1.14259	1.20519	1.11300	1.04484	.67614	1.14421	1.21020	1.12804	1.05545	.68107
1.400	6.011	1.12813	1.18972	1.10138	1.03531	.67001	1.12984	1.19523	1.11676	1.04665	.67530
1.400	7.013	1.11095	1.17224	1.08825	1.02449	.66349	1.11325	1.17837	1.10415	1.03650	.66831
1.400	8.005	1.09103	1.15176	1.07256	1.01131	.65504	1.09318	1.15799	1.08935	1.02500	.66011
1.400	GRADIENT	.00075	.00054	.00057	.00031	.00050	.00074	.00137	.00134	.00080	.00061

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

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
1.450	-8.000	1.07993	1.16076	1.07517	1.01453	.65629	1.09041	1.16065	1.08726	1.02785	.66060
1.451	-6.989	1.09928	1.18072	1.09115	1.02839	.66478	1.10944	1.18100	1.10228	1.03820	.66874
1.450	-5.994	1.11528	1.19842	1.10455	1.03859	.67085	1.12394	1.19737	1.11452	1.04742	.67508
1.450	-4.994	1.12967	1.21118	1.11382	1.04632	.67678	1.13766	1.21332	1.12639	1.05612	.68066
1.450	-3.994	1.13984	1.22255	1.12138	1.05192	.68117	1.14737	1.22549	1.13544	1.06288	.68505
1.450	-2.994	1.14735	1.23129	1.12657	1.05317	.68327	1.15498	1.23439	1.14180	1.06722	.68794
1.450	-1.995	1.15567	1.24013	1.13194	1.05758	.68670	1.16348	1.24439	1.14956	1.07268	.69175
1.450	-.986	1.15860	1.24498	1.13523	1.06035	.68788	1.16638	1.24939	1.15337	1.07509	.69308
1.450	.024	1.16162	1.24989	1.13897	1.06298	.68819	1.16756	1.25162	1.15535	1.07599	.69334
1.450	1.006	1.16048	1.24792	1.13770	1.06127	.68707	1.16510	1.25021	1.15500	1.07599	.69244
1.450	2.010	1.15366	1.23951	1.13341	1.05782	.68517	1.15744	1.24238	1.15054	1.07298	.69125
1.450	3.011	1.14635	1.23205	1.12985	1.05553	.68254	1.15045	1.23435	1.14389	1.06717	.68847
1.450	4.012	1.13833	1.22043	1.12229	1.05109	.67839	1.14256	1.22634	1.13784	1.06193	.68478
1.451	5.009	1.12604	1.20570	1.11125	1.04271	.67334	1.12910	1.21323	1.12839	1.05433	.68041
1.450	6.011	1.11357	1.19089	1.09983	1.03389	.66711	1.11603	1.19812	1.11705	1.04543	.67484
1.450	7.008	1.09783	1.17335	1.08683	1.02364	.66079	1.10126	1.18304	1.10642	1.03720	.66894
1.450	8.004	1.07934	1.15265	1.07099	1.01045	.65231	1.08090	1.16141	1.09053	1.02494	.65964
1.450	GRADIENT	.00105	.00133	.00116	.00064	.00021	.00051	.00145	.00136	.00073	.00048

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

(SCMO17) (03 OCT 91)

PARAMETRIC DATA

ALPHA = .000 PHI = 90.000

RUN NO. 1223/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
.900	-3.988	.87858	.91505	.80905	.73212	.32132	1.02839	1.07060	.99330	.92461	.53588
.900	-2.989	.89933	.93688	.83330	.75716	.34871	1.01032	1.05326	.97346	.90284	.50822
.899	-1.985	.92085	.96037	.85859	.78290	.37658	.99272	1.03572	.95322	.88115	.48041
.900	-.993	.94070	.98330	.88258	.80811	.40503	.97491	1.01741	.93197	.85860	.45320
.900	.017	.95993	1.00345	.90572	.83254	.43243	.95630	.99840	.91012	.83528	.42594
.900	1.006	.97848	1.02255	.92845	.85680	.45939	.93712	.97744	.88756	.81100	.39838
.900	2.005	.99585	1.04036	.95074	.88162	.48639	.91712	.95457	.86441	.78651	.37028
.900	2.998	1.01390	1.05840	.97212	.90481	.51375	.89702	.93179	.84077	.76258	.34296
.900	3.995	1.03218	1.07575	.99296	.92716	.54168	.87568	.90955	.81526	.73582	.31551
	GRADIENT	.01914	.02016	.02309	.02454	.02757	-.01904	-.02022	-.02225	-.02360	-.02760

RUN NO. 1168/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
1.250	-3.985	1.09185	1.13073	1.02919	.95540	.58144	1.22959	1.27422	1.19860	1.13035	.76758
1.250	-2.970	1.11170	1.15096	1.05123	.97772	.60573	1.21264	1.25723	1.17903	1.10936	.74282
1.250	-1.980	1.13021	1.17240	1.07390	1.00082	.63047	1.19546	1.24050	1.16036	1.08943	.71963
1.250	-.992	1.14808	1.19239	1.09526	1.02344	.65442	1.17827	1.22327	1.14097	1.06855	.69526
1.250	.016	1.16598	1.21125	1.11664	1.04557	.67885	1.16156	1.20679	1.12143	1.04717	.67199
1.249	1.014	1.18411	1.22974	1.13761	1.06768	.70263	1.14383	1.18703	1.10008	1.02470	.64751
1.250	2.004	1.20068	1.24703	1.15886	1.09088	.72659	1.12557	1.16604	1.07888	1.00256	.62387
1.250	3.010	1.21667	1.26270	1.17865	1.11282	.74992	1.10644	1.14441	1.05645	.97953	.59942
1.250	3.995	1.23401	1.27867	1.19752	1.13379	.77453	1.08713	1.12423	1.03408	.95622	.57489
	GRADIENT	.01772	.01861	.02119	.02245	.02415	-.01776	-.01878	-.02055	-.02179	-.02407

RUN NO. 1187/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
1.400	-3.988	1.10146	1.16077	1.04951	.97163	.59193	1.25532	1.31734	1.23305	1.15965	.78604
1.400	-2.991	1.12254	1.18256	1.07268	.99539	.61658	1.23649	1.29946	1.21251	1.13804	.76065
1.400	-1.984	1.14176	1.20574	1.09621	1.01916	.64136	1.21569	1.28052	1.19148	1.11567	.73494
1.400	-.986	1.16078	1.22705	1.11929	1.04304	.66626	1.19571	1.26207	1.17009	1.09211	.70928
1.400	.008	1.18169	1.24824	1.14206	1.06636	.69133	1.17841	1.24392	1.14909	1.06963	.68561
1.400	1.004	1.20139	1.26815	1.16503	1.08958	.71630	1.15791	1.22121	1.12593	1.04574	.66044
1.400	2.000	1.21873	1.28632	1.18771	1.11354	.74115	1.13684	1.19780	1.10303	1.02191	.63558
1.400	3.006	1.23864	1.30342	1.20956	1.13893	.76700	1.11703	1.17564	1.07965	.99800	.61178
1.400	3.996	1.25841	1.32155	1.23002	1.16104	.79218	1.09581	1.15357	1.05521	.97303	.58761
	GRADIENT	.01955	.02017	.02273	.02377	.02508	-.01990	-.02059	-.02222	-.02339	-.02485

IA310 (AEDC 16TF-783) FLOW ANGULARITIES-FAIR OFF (SCM017) (03 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	CPR	CPC7	CPC8	CPC9	CPC3	CPL	CPC10	CPC11	CPC12	CPO4
1.450	-3.993	1.07914	1.15783	1.04442	.96774	.59549	1.24083	1.31799	1.23337	1.16119	.78743
1.449	-2.997	1.09809	1.17920	1.06846	.99227	.61936	1.21920	1.30223	1.21477	1.14054	.76177
1.450	-1.996	1.12111	1.20485	1.09370	1.01740	.64510	1.20113	1.28560	1.19607	1.11957	.73696
1.450	-1.003	1.14302	1.22954	1.11789	1.04134	.66993	1.18077	1.26800	1.17453	1.09508	.71064
1.450	.005	1.16532	1.25242	1.14227	1.06616	.69508	1.16128	1.25020	1.15185	1.07027	.68645
1.450	1.004	1.18830	1.27443	1.16596	1.09013	.72024	1.14085	1.22500	1.12628	1.04518	.66112
1.450	1.990	1.20453	1.29332	1.19184	1.11603	.74512	1.11735	1.20071	1.10323	1.02174	.63647
1.450	2.986	1.22471	1.30738	1.21199	1.14062	.76946	1.09638	1.17695	1.07912	.99673	.61124
1.450	3.986	1.24914	1.32691	1.23246	1.16363	.79585	1.07572	1.15358	1.05380	.97137	.58617
	GRADIENT	.02125	.02143	.02385	.02464	.02510	-.02066	-.02086	-.02271	-.02400	-.02518

RUN NO. 1280/ O		RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00									
MACH	BETA	CPR	CPC7	CPC8	CPC9	CPC3	CPL	CPC10	CPC11	CPC12	CPO4
1.473	-3.982	1.03400	1.15262	1.03836	.96179	.58750	1.20267	1.31329	1.22498	1.15142	.77996
1.473	-2.990	1.05355	1.17456	1.06211	.98558	.61078	1.17757	1.29142	1.20273	1.12947	.75405
1.473	-1.990	1.07215	1.19742	1.08545	1.00950	.63556	1.15276	1.27460	1.18363	1.10813	.72918
1.473	-.986	1.09572	1.22124	1.10900	1.03416	.65222	1.13353	1.25828	1.16366	1.08593	.70425
1.473	.017	1.11510	1.24176	1.13090	1.05592	.68597	1.11026	1.23791	1.14128	1.06213	.67820
1.473	1.010	1.13670	1.26230	1.15495	1.07988	.71061	1.08793	1.21697	1.11918	1.03878	.65289
1.473	2.000	1.16046	1.28078	1.17729	1.10309	.73484	1.06896	1.19461	1.09576	1.01451	.62783
1.473	3.001	1.18984	1.30252	1.20196	1.12903	.76095	1.05517	1.17238	1.07334	.99172	.60451
1.473	3.991	1.21368	1.32071	1.22492	1.15458	.78628	1.03458	1.14926	1.04814	.96620	.57954
	GRADIENT	.02248	.02112	.02332	.02397	.02494	-.02094	-.02029	-.02199	-.02320	-.02514

RUN NO. 1242/ O		RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00									
MACH	BETA	CPR	CPC7	CPC8	CPC9	CPC3	CPL	CPC10	CPC11	CPC12	CPO4
1.496	-3.987	.96883	1.15757	1.04074	.96457	.59096	1.14770	1.32010	1.23240	1.15954	.78723
1.496	-2.990	.97827	1.17915	1.06451	.98869	.61456	1.11363	1.30215	1.21164	1.13697	.76172
1.496	-1.985	.99399	1.20591	1.08964	1.01355	.63998	1.08362	1.28489	1.19113	1.11481	.73714
1.496	-.989	1.01397	1.22997	1.11257	1.03700	.66488	1.05561	1.26433	1.16877	1.09102	.71066
1.495	.016	1.03513	1.24881	1.13465	1.05979	.68878	1.02969	1.24359	1.14554	1.06656	.68384
1.496	1.017	1.06402	1.26878	1.15931	1.08507	.71481	1.01127	1.22445	1.12437	1.04425	.65921
1.496	2.000	1.09460	1.28782	1.18255	1.10884	.73951	.99640	1.20236	1.10226	1.02099	.63440
1.496	2.995	1.13387	1.30654	1.20537	1.13230	.76460	.99068	1.17867	1.07776	.99665	.61002
1.496	4.001	1.16974	1.32779	1.22931	1.15806	.79097	.97968	1.15499	1.05247	.97087	.58538
	GRADIENT	.02541	.02114	.02354	.02410	.02503	-.02104	-.02064	-.02244	-.02355	-.02537

IA310 (AEDC 16TF-783) FLOW ANGULARITIES-FAIR OFF (SCMO17) (03 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	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
1.520	-3.987	.71529	1.15202	1.03142	.95772	.58828	.89366	1.31713	1.22804	1.15526	.78366
1.520	-2.985	.75655	1.16621	1.05499	.98189	.61030	.87052	1.30392	1.20719	1.13172	.75723
1.520	-1.990	.90356	1.16240	1.08509	1.01069	.63565	.95361	1.31371	1.19003	1.11084	.73324
1.520	.992	.97075	1.19191	1.11314	1.03451	.65877	.99120	1.28737	1.16870	1.08616	.70591
1.520	.015	.98917	1.25170	1.13953	1.05931	.68430	.98328	1.22796	1.14644	1.06314	.68093
1.520	1.004	.98514	1.30251	1.16100	1.08278	.70967	.95391	1.18090	1.11834	1.03831	.65598
1.520	2.006	.87290	1.29599	1.17840	1.10456	.73472	.79223	1.18408	1.08956	1.01089	.63078
1.520	3.001	.88465	1.30753	1.20083	1.12892	.76068	.74640	1.16757	1.06625	.98661	.60684
1.520	3.996	.92020	1.32468	1.22414	1.15350	.78734	.71945	1.14790	1.04238	.96232	.58215
	GRADIENT	.01934	.02493	.02410	.02439	.02499	-.02386	-.02425	-.02366	-.02430	-.02525

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

MACH	BETA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
1.544	-3.987	.77435	1.05072	1.00976	.94439	.57941	.93480	1.34086	1.21688	1.14121	.77398
1.544	-2.979	.84229	1.05366	1.04516	.97527	.60431	.95336	1.36360	1.20018	1.11990	.74894
1.544	-1.989	.88866	1.06519	1.08023	1.00376	.62873	.95400	1.33503	1.18243	1.09786	.72385
1.543	-.991	.92085	1.09549	1.11271	1.02925	.65310	.94623	1.22390	1.16333	1.07532	.69843
1.544	.017	.93922	1.16192	1.13767	1.05204	.67776	.93237	1.12577	1.14151	1.05376	.67427
1.543	1.010	.94979	1.27333	1.15711	1.07396	.70297	.91117	1.07586	1.11276	1.03059	.64990
1.544	2.000	.95039	1.35108	1.17507	1.09605	.72855	.87484	1.05682	1.07982	1.00536	.62644
1.543	3.001	.94232	1.35352	1.19249	1.11840	.75372	.82559	1.04863	1.04482	.97698	.60276
1.543	3.995	.89525	1.32557	1.20910	1.13950	.77956	.73130	1.07447	1.01715	.94663	.57767
	GRADIENT	.01565	.04592	.02462	.02405	.02504	-.02323	-.04538	-.02541	-.02401	-.02451

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

(SCMO18) (03 OCT 91)

PARAMETRIC DATA

ALPHA = .000 PHI = 90.000

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

MACH	BETA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
.900	-3.989	.87903	.91534	.80989	.73286	.32156	1.02912	1.07119	.99378	.92505	.53646
.900	-2.989	.89992	.93654	.83309	.75709	.34829	1.01109	1.05356	.97367	.90298	.50835
.900	-1.985	.92158	.96034	.85893	.78349	.37719	.99330	1.03612	.95358	.88174	.48146
.900	-.993	.94089	.98289	.88254	.80816	.40467	.97571	1.01758	.93214	.85874	.45330
.900	.016	.96026	1.00315	.90566	.83284	.43201	.95742	.99888	.91056	.83562	.42631
.899	1.005	.97854	1.02220	.85689	.45883	.45883	.93744	.97766	.88763	.81102	.39825
.900	2.005	.99619	1.04035	.88213	.48677	.48677	.91772	.95517	.86482	.78701	.37087
.900	2.998	1.01396	1.05778	.90438	.51337	.51337	.89712	.93164	.84069	.76181	.34301
.900	4.000	1.03231	1.07486	.92711	.54161	.54161	.87586	.90919	.81490	.73550	.31551
GRADIENT		.01907	.02006	.02299	.02446	.02753	-.01911	-.02029	-.02231	-.02369	-.02765

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

MACH	BETA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
1.250	-3.985	1.09100	1.12977	1.02894	.95531	.58208	1.22911	1.27342	1.19771	1.13040	.76782
1.250	-2.987	1.11167	1.15102	1.05167	.97836	.60695	1.21341	1.25753	1.17916	1.11048	.74411
1.250	-1.986	1.12939	1.17176	1.07348	1.00077	.63097	1.19527	1.24003	1.15955	1.08976	.71990
1.250	-.981	1.14760	1.19210	1.09539	1.02388	.65558	1.17815	1.22273	1.14012	1.06876	.69578
1.250	.015	1.16441	1.20982	1.11571	1.04486	.67845	1.16052	1.20513	1.12000	1.04694	.67183
1.250	1.008	1.18317	1.22848	1.13722	1.06737	.70277	1.14362	1.18629	1.09962	1.02531	.64828
1.250	2.003	1.20027	1.24607	1.15869	1.09039	.72683	1.12560	1.16552	1.07812	1.00288	.62410
1.250	2.999	1.21618	1.26189	1.17834	1.11284	.75057	1.10639	1.14425	1.05628	.98057	.60026
1.250	4.000	1.23275	1.27759	1.19694	1.13347	.77499	1.08618	1.12358	1.03304	.95639	.57515
GRADIENT		.01767	.01852	.02112	.02236	.02408	-.01782	-.01879	-.02056	-.02177	-.02408

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

MACH	BETA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
1.400	-3.988	1.10209	1.16077	1.05092	.97383	.59498	1.25634	1.31730	1.23319	1.16043	.78857
1.399	-2.980	1.12381	1.18228	1.07412	.99743	.61936	1.23795	1.29948	1.21237	1.13872	.76333
1.400	-1.984	1.14339	1.20556	1.09767	1.02102	.64415	1.21777	1.28096	1.19229	1.11722	.73863
1.400	-.986	1.16267	1.22728	1.12052	1.04461	.66914	1.19844	1.26278	1.17102	1.09441	.71312
1.400	.019	1.18277	1.24768	1.14272	1.06756	.69391	1.17955	1.24319	1.14919	1.07064	.68810
1.400	1.008	1.20165	1.26727	1.16529	1.09038	.71808	1.15865	1.22076	1.12579	1.04657	.66269
1.400	2.000	1.22070	1.28602	1.18901	1.11535	.74367	1.13897	1.19876	1.10367	1.02363	.63901
1.400	3.001	1.23897	1.30251	1.20961	1.13949	.76874	1.11855	1.17623	1.08049	.99988	.61499
1.400	4.001	1.25977	1.32112	1.23055	1.16260	.79504	1.09801	1.15432	1.05644	.97528	.59077
GRADIENT		.01954	.02010	.02259	.02365	.02500	-.01986	-.02052	-.02214	-.02326	-.02482

IA310 (AEDC 16TF-783) FLOW ANGULARITIES-FAIR OFF (SCMO18) (03 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	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
1.449	-3.987	1.07947	1.15777	1.04441	.96818	.59507	1.24080	1.31734	1.23374	1.16148	.78714
1.450	-2.980	1.09974	1.17973	1.06906	.99312	.61979	1.22024	1.30240	1.21514	1.14094	.76148
1.450	-1.985	1.12171	1.20555	1.09374	1.01781	.64510	1.20114	1.28555	1.19525	1.11920	.73588
1.450	-.992	1.14338	1.22943	1.11797	1.04183	.66975	1.18080	1.26747	1.17367	1.09463	.70992
1.450	.016	1.16456	1.25150	1.14197	1.06632	.69445	1.16085	1.24917	1.15043	1.06945	.68557
1.450	1.009	1.18869	1.27555	1.16713	1.09114	.72066	1.14156	1.22497	1.12693	1.04625	.66186
1.450	2.006	1.20547	1.29334	1.19208	1.11656	.74537	1.11790	1.19995	1.10323	1.02191	.63617
1.450	2.996	1.22623	1.30768	1.21249	1.14139	.77035	1.09717	1.17688	1.07942	.99709	.61141
1.450	3.997	1.24880	1.32630	1.23252	1.16393	.79635	1.07594	1.15342	1.05374	.97178	.58591
GRADIENT		.02121	.02138	.02387	.02464	.02520	.02062	-.02082	-.02269	-.02395	-.02511

IA310 (AEDC 16TF-783) FLOW ANGULARITIES-FAIR OFF (SCMO19) (03 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	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
.900	4.025	1.02886	1.07248	.98917	.92315	.53720	.87978	.91419	.81951	.74020	.32025
.900	3.016	1.01074	1.05528	.96861	.90119	.50992	.90042	.93629	.84306	.76444	.34660
.900	2.005	.99290	1.03781	.94757	.87816	.48265	.92125	.95870	.86775	.79031	.37478
.900	1.000	.97495	1.01922	.92438	.85241	.45496	.94104	.98174	.89195	.81557	.40306
.900	-.016	.95633	.99972	.90119	.82768	.42747	.95996	1.00196	.91404	.83949	.43030
.900	-1.012	.93719	.97875	.87834	.80366	.40030	.97859	1.02083	.93590	.86277	.45779
.900	-2.013	.91696	.95625	.85473	.77905	.37301	.99611	1.03911	.95676	.88514	.48509
.900	-3.023	.89583	.93423	.83030	.75364	.34495	1.01387	1.05645	.97688	.90640	.51236
.900	-4.039	.87427	.91066	.80422	.72702	.31671	1.03125	1.07316	.99647	.92810	.54028
GRADIENT		.01908	.02009	.02295	.02440	.02732	-.01876	-.01980	-.02203	-.02341	-.02736

IA310 (AEDC 16TF-783) FLOW ANGULARITIES-FAIR OFF (SCM019) (03 OCT 91)

PARAMETRIC DATA

ALPHA = .000 PHI = -90.000

MACH	BETA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
1.250	4.023	1.23087	1.27589	1.19354	1.12895	.76921	1.09149	1.12910	1.03816	.96040	.57972
1.250	3.010	1.21359	1.25860	1.17358	1.10761	.74486	1.11028	1.14918	1.05974	.98291	.60371
1.250	2.001	1.19666	1.24251	1.15423	1.08628	.72154	1.12935	1.17087	1.08357	1.00745	.62839
1.250	.995	1.17894	1.22516	1.13318	1.06267	.69708	1.14741	1.19119	1.10498	1.03009	.65285
1.250	-.013	1.16250	1.20855	1.11270	1.04100	.67407	1.16570	1.21012	1.12565	1.05218	.67727
1.250	-1.009	1.14522	1.18919	1.09081	1.01848	.65001	1.18354	1.22835	1.14575	1.07361	.70122
1.250	-2.027	1.12612	1.16746	1.06864	.99566	.62516	1.20009	1.24561	1.16542	1.09436	.72503
1.250	-3.024	1.10759	1.14707	1.04696	.97352	.60136	1.21620	1.26149	1.18420	1.11468	.74836
1.250	-4.043	1.08755	1.12604	1.02401	.95000	.57688	1.23284	1.27720	1.20286	1.13534	.77338
	GRADIENT	.01764	.01854	.02104	.02223	.02383	-.01756	-.01847	-.02047	-.02172	-.02400

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

MACH	BETA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
1.400	4.025	1.25619	1.31981	1.22751	1.15756	.78801	1.10085	1.15956	1.06012	.97778	.59067
1.400	3.024	1.23737	1.30158	1.20577	1.13461	.76286	1.12138	1.18052	1.08320	1.00171	.61460
1.399	2.004	1.21662	1.28243	1.18354	1.10949	.73684	1.14082	1.20303	1.10741	1.02637	.63889
1.399	.998	1.19708	1.26429	1.16087	1.08469	.71098	1.16078	1.22524	1.13093	1.05078	.66434
1.400	-.019	1.17766	1.24472	1.13704	1.06073	.68609	1.18123	1.24626	1.15229	1.07366	.68940
1.400	-1.004	1.15841	1.22328	1.11408	1.03775	.66214	1.20036	1.26623	1.17422	1.09667	.71430
1.400	-2.024	1.13717	1.20013	1.09086	1.01397	.63745	1.21806	1.28441	1.19599	1.11988	.73978
1.400	-3.015	1.11776	1.17818	1.06756	.99005	.61333	1.23709	1.30067	1.21553	1.14160	.76454
1.400	-4.035	1.09728	1.15631	1.04352	.96577	.58951	1.25831	1.31980	1.23624	1.16379	.79137
	GRADIENT	.01973	.02035	.02289	.02382	.02467	-.01938	-.01995	-.02188	-.02312	-.02490

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

MACH	BETA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
1.450	4.030	1.24092	1.31930	1.22747	1.15887	.78950	1.07793	1.15649	1.05658	.97556	.59329
1.450	3.019	1.21965	1.30381	1.20788	1.13673	.76345	1.09793	1.17790	1.08020	.99959	.61738
1.450	2.011	1.20136	1.28766	1.18650	1.11227	.73774	1.12010	1.20211	1.10421	1.02356	.64207
1.450	1.005	1.18143	1.27026	1.16373	1.08735	.71256	1.14256	1.22784	1.12959	1.04858	.66786
1.451	-.003	1.16181	1.25190	1.13954	1.06214	.68803	1.16482	1.25027	1.15375	1.07355	.69306
1.450	-1.001	1.14104	1.22662	1.11395	1.03741	.66278	1.18687	1.27171	1.17636	1.09726	.71751
1.450	-2.009	1.11708	1.20169	1.09082	1.01362	.63783	1.20361	1.29087	1.20007	1.12192	.74311
1.450	-3.011	1.09772	1.18083	1.06812	.99062	.61421	1.22534	1.30695	1.21991	1.14558	.76886
1.450	-4.025	1.07729	1.15648	1.04143	.96396	.58859	1.24908	1.32568	1.23881	1.16611	.79439
	GRADIENT	.02037	.02047	.02327	.02428	.02487	-.02118	-.02129	-.02297	-.02395	-.02503

IA310 (AEDC 16TF-783) FLOW ANGULARITIES-FAIR OFF (SCM019) (03 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	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
1.543	4.023	.93376	1.34236	1.20731	1.13609	.77575	.78246	1.04642	1.01735	.95090	.57754
1.544	3.016	.95319	1.36427	1.18899	1.11295	.75134	.84579	1.04850	1.05415	.98313	.60260
1.543	2.004	.95384	1.33694	1.16911	1.08860	.72491	.89025	1.05783	1.08996	1.01111	.62603
1.543	.993	.94587	1.22728	1.15034	1.06680	.69972	.92191	1.08814	1.12391	1.03712	.65078
1.544	-.016	.93182	1.13158	1.12916	1.04528	.67580	.94020	1.15585	1.15007	1.06039	.67580
1.544	-1.012	.90757	1.08252	1.10150	1.02218	.65181	.94707	1.26689	1.16929	1.08191	.70119
1.544	-2.025	.86958	1.06361	1.06927	.99632	.62741	.94778	1.35009	1.18653	1.10355	.72661
1.544	-3.021	.81818	1.05291	1.03538	.96837	.60377	.94102	1.35294	1.20224	1.12411	.75127
1.544	-4.040	.72117	1.07445	1.00652	.93952	.58003	.90354	1.32712	1.22050	1.14698	.77812
	GRADIENT	.02419	.04464	.02503	.02398	.02430	-.01507	-.04631	-.02475	-.02378	-.02482

IA310 (AEDC 16TF-783) FLOW ANGULARITIES-FAIR OFF (SCM020) (03 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	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
.900	4.025	1.02887	1.07193	.98871	.92297	.53642	.87958	.91351	.81865	.73942	.31915
.900	3.016	1.01121	1.05537	.96872	.90138	.51003	.90082	.93545	.84317	.76450	.34668
.900	1.999	.99304	1.03761	.94763	.87848	.48253	.92172	.95901	.86772	.79021	.37464
.900	.995	.97530	1.01908	.92447	.85272	.45495	.94144	.98173	.89198	.81551	.40307
.900	-.022	.95643	.99955	.90114	.82784	.42715	.96057	1.00213	.91422	.83953	.43033
.900	-1.012	.93764	.97885	.87831	.80419	.40057	.97929	1.02104	.93596	.86289	.45781
.900	-2.018	.91762	.95610	.85467	.77927	.37247	.99687	1.03915	.95680	.88489	.48483
.900	-3.018	.89686	.93456	.83089	.75446	.34535	1.01471	1.05696	.97745	.90680	.51273
.899	-4.039	.87523	.91120	.80485	.72807	.31691	1.03241	1.07424	.99741	.92892	.54074
	GRADIENT	.01898	.02001	.02286	.02429	.02726	-.01889	-.01994	-.02219	-.02354	-.02748

IA310 (AEDC 16TF-783) FLOW ANGULARITIES-FAIR OFF (SCM020) (03 OCT 91)

PARAMETRIC DATA

ALPHA = .000 PHI = -90.000

MACH	BETA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
1.249	4.020	1.23003	1.27484	1.19282	1.12856	.76921	1.09138	1.12911	1.03785	.96106	.58033
1.250	3.018	1.21320	1.17337	1.10766	1.10766	.74566	1.11067	1.14964	1.06006	.98425	.60483
1.250	1.999	1.19654	1.24174	1.15426	1.08608	.72216	1.13015	1.17107	1.08360	1.00863	.62958
1.250	.993	1.17815	1.22394	1.13271	1.06242	.69718	1.14757	1.19079	1.10492	1.03106	.65372
1.250	-.015	1.16016	1.20641	1.11113	1.03954	.67313	1.16437	1.20813	1.12407	1.05172	.67687
1.249	-1.016	1.14392	1.18778	1.08989	1.01786	.65021	1.18349	1.22760	1.14469	1.07356	.70138
1.250	-2.017	1.12491	1.16606	1.06778	.99490	.62549	1.19903	1.24419	1.16384	1.09370	.72459
1.250	-3.025	1.10653	1.14582	1.04678	.97316	.60162	1.21575	1.26054	1.18313	1.11465	.74875
1.250	-4.044	1.08565	1.12427	1.02316	.94924	.57639	1.23160	1.27566	1.20126	1.13479	.77318
	GRADIENT	.01779	.01865	.02109	.02230	.02389	-.01737	-.01824	-.02024	-.02149	-.02384

MACH	BETA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
1.400	4.019	1.25726	1.31910	1.22750	1.15836	.79026	1.10248	1.15981	1.06110	.97960	.59339
1.400	3.006	1.23791	1.30049	1.20584	1.13512	.76470	1.12291	1.18131	1.08395	1.00342	.61777
1.400	1.998	1.21804	1.28198	1.18455	1.11102	.73953	1.14241	1.20367	1.10792	1.02800	.64222
1.400	.997	1.19805	1.26393	1.16189	1.08670	.71433	1.16219	1.22549	1.13128	1.05235	.66743
1.400	-.020	1.17876	1.24441	1.13811	1.06228	.68919	1.18222	1.24554	1.15245	1.07475	.69186
1.400	-1.014	1.15974	1.22308	1.11505	1.03910	.66505	1.20218	1.26633	1.17456	1.09775	.71723
1.400	-2.020	1.13924	1.20020	1.09260	1.01616	.64057	1.22000	1.28465	1.19612	1.12095	.74246
1.400	-3.021	1.12024	1.17911	1.07053	.99344	.61700	1.23975	1.30176	1.21635	1.14306	.76765
1.400	-4.041	1.09741	1.15557	1.04442	.96696	.59162	1.25870	1.31881	1.23538	1.16368	.79277
	GRADIENT	.01968	.02025	.02268	.02366	.02460	-.01939	-.01988	-.02177	-.02297	-.02481

MACH	BETA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
1.450	4.014	1.24151	1.31958	1.22792	1.15966	.78979	1.07888	1.15730	1.05718	.97647	.59381
1.450	3.013	1.22254	1.30532	1.20894	1.13767	.76445	1.09972	1.17880	1.08133	1.00098	.61812
1.450	1.994	1.20231	1.28821	1.18674	1.11276	.73846	1.12125	1.20334	1.10596	1.02535	.64328
1.450	.999	1.18246	1.27058	1.16448	1.08817	.71310	1.14372	1.22905	1.13098	1.05066	.66904
1.451	-.025	1.16218	1.25151	1.13960	1.06254	.68791	1.16616	1.25101	1.15418	1.07479	.69380
1.450	-1.012	1.14090	1.22609	1.11386	1.03779	.66319	1.18698	1.27244	1.17681	1.09805	.71793
1.451	-2.015	1.11847	1.20263	1.09140	1.01494	.63876	1.20450	1.29162	1.20109	1.12353	.74357
1.450	-3.027	1.09781	1.18007	1.06725	.98985	.61345	1.22581	1.30622	1.21988	1.14613	.76303
1.450	-4.057	1.07680	1.15655	1.04107	.96399	.58819	1.24927	1.32592	1.23920	1.16705	.79544
	GRADIENT	.02056	.02058	.02339	.02436	.02497	-.02101	-.02112	-.02283	-.02385	-.02497

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

(SCM021) (03 OCT 91)

PARAMETRIC DATA

BETA = .000 PHI = .000

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

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPC3	CPL	CPC10	CPC11	CPC12	CPO4
1.300	.012	1.16897	1.12114	1.04933	.68179	1.17313	1.22193	1.13559	1.06063	1.06063	.68467
1.300	-4.028	1.15011	1.10898	1.04147	.67290	1.15361	1.19349	1.11744	1.04823	1.04823	.67535
	GRADIENT	.00469	.00417	.00302	.00195	.00221	.00557	.00451	.00308	.00308	.00231

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

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPC3	CPL	CPC10	CPC11	CPC12	CPO4
1.350	.017	1.17725	1.23271	1.13123	1.05697	.68352	1.18061	1.23640	1.14692	1.06996	.68946
1.350	-4.028	1.15815	1.21437	1.11760	1.04806	.67374	1.16078	1.21314	1.12793	1.05656	.67983
	GRADIENT	.00472	.00453	.00337	.00220	.00242	.00490	.00575	.00470	.00331	.00238

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

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPC3	CPL	CPC10	CPC11	CPC12	CPO4
1.470	.010	1.11040	1.23661	1.12662	1.05209	.68045	1.11589	1.24153	1.14489	1.06536	.68446
1.470	-4.025	1.10001	1.22063	1.11361	1.04182	.67295	1.10409	1.21823	1.12743	1.05470	.67602
	GRADIENT	.00258	.00396	.00323	.00254	.00186	.00292	.00577	.00433	.00264	.00209

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

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPC3	CPL	CPC10	CPC11	CPC12	CPO4
1.519	.009	.98666	1.23425	1.13369	1.05438	.68096	.99026	1.24542	1.15131	1.06753	.68443
1.519	-4.019	.78724	1.22622	1.10493	1.03401	.66984	.79587	1.22332	1.12232	1.04767	.67421
	GRADIENT	.04951	.00199	.00714	.00506	.00276	.04826	.00549	.00720	.00493	.00254

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

(SCM022) (03 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	CPR	CPC7	CPC8	CPC9	CPC3	CPL	CPC10	CPC11	CPC12	CPO4
1.300	-.015	1.17321	1.22322	1.12569	1.05317	.68589	1.16844	1.21685	1.13057	1.05614	.68005
1.300	4.027	1.15122	1.19997	1.11102	1.04346	.67627	1.14663	1.19785	1.11693	1.04417	.67102
	GRADIENT	-.00544	-.00575	-.00363	-.00240	-.00238	-.00540	-.00470	-.00337	-.00296	-.00224

IA310 (AEDC 16TF-783) FLOW ANGULARITIES-FAIR OFF (SCM022) (03 OCT 91)

PARAMETRIC DATA

BETA = .000 PHI = 180.000

RUN NO. 1176/ O		RN/L = 2.50		GRADIENT INTERVAL = -5.00/ 5.00		BETA = .000		PHI = 180.000		
MACH	ALPHA	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
1.350	-.014	1.23768	1.13655	1.06249	.69035	1.17666	1.23096	1.14109	1.06391	.68179
1.350	4.015	1.21518	1.12212	1.05283	.68139	1.15577	1.21154	1.12718	1.05217	.67290
	GRADIENT	-.00559	-.00358	-.00240	-.00222	-.00518	-.00482	-.00345	-.00292	-.00221

RUN NO. 1234/ O		RN/L = 2.50		GRADIENT INTERVAL = -5.00/ 5.00						
MACH	ALPHA	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
1.470	-.017	1.24349	1.13266	1.05748	.68532	1.10983	1.23508	1.13906	1.06020	.67847
1.470	4.028	1.22077	1.12001	1.04905	.67838	1.09739	1.21594	1.12537	1.04871	.67092
	GRADIENT	-.00562	-.00313	-.00209	-.00196	-.00308	-.00473	-.00338	-.00284	-.00187

RUN NO. 1246/ O		RN/L = 2.50		GRADIENT INTERVAL = -5.00/ 5.00						
MACH	ALPHA	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
1.519	-.016	1.24736	1.13822	1.05918	.68593	.98766	1.23321	1.14664	1.06304	.67936
1.519	4.022	1.22658	1.10856	1.03840	.67721	.79495	1.22446	1.12489	1.04659	.66914
	GRADIENT	-.00515	-.00734	-.00515	-.00216	-.04772	-.00217	-.00539	-.00407	-.00253

IA310 (AEDC 16TF-783) FLOW ANGULARITIES-FAIR OFF (SCM023) (03 OCT 91)

PARAMETRIC DATA

BETA = .000 PHI = 180.000

RUN NO. 1249/ O		RN/L = 2.50		GRADIENT INTERVAL = -5.00/ 5.00		BETA = .000		PHI = 180.000		
MACH	ALPHA	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
1.519	-.016	1.24595	1.13715	1.05809	.68483	.98725	1.23149	1.14544	1.06177	.67824
1.520	4.022	1.22749	1.10979	1.03961	.67840	.79671	1.22529	1.12607	1.04765	.67014
	GRADIENT	-.00457	-.00678	-.00458	-.00159	-.04718	-.00154	-.00480	-.00350	-.00201

IA310 (AEDC 16TF-783) FLOW ANGULARITIES-FAIR OFF (SCM024) (03 OCT 91)

PARAMETRIC DATA

ALPHA = .000 PHI = 90.000

MACH		BETA		GRADIENT		RN/L = 2.51		GRADIENT INTERVAL = -5.00/ 5.00		CPL		CPC10		CPC11		CPC12		CPO4		
1.300	1.999	1.20925	1.25839	1.16794	1.09862	.73402	1.13327	1.17763	1.08855	1.01083	1.08855	1.01083	1.08855	1.01083	1.08855	1.01083	1.08855	1.01083	1.08855	1.01083
1.299	-2.029	1.18322	1.18311	1.08176	1.00757	.63551	1.20587	1.25437	1.17180	1.09949	1.17180	1.09949	1.17180	1.09949	1.17180	1.09949	1.17180	1.09949	1.17180	1.09949
		.01764	.01869	.02140	.02261	.02446	-.01802	-.01905	-.02067	-.02201	-.02067	-.02201	-.02067	-.02201	-.02067	-.02201	-.02067	-.02201	-.02067	-.02201

MACH		BETA		GRADIENT		RN/L = 2.50		GRADIENT INTERVAL = -5.00/ 5.00		CPL		CPC10		CPC11		CPC12		CPO4	
1.350	1.994	1.21972	1.27387	1.17931	1.10781	.73832	1.14014	1.19126	1.09839	1.01822	1.09839	1.01822	1.09839	1.01822	1.09839	1.01822	1.09839	1.01822	1.09839
1.350	-2.023	1.14385	1.19575	1.09072	1.01474	.63815	1.21460	1.26976	1.18309	1.10850	1.18309	1.10850	1.18309	1.10850	1.18309	1.10850	1.18309	1.10850	1.18309
		.01889	.01945	.02206	.02317	.02494	-.01854	-.01954	-.02109	-.02248	-.02109	-.02248	-.02109	-.02248	-.02109	-.02248	-.02109	-.02248	-.02109

MACH		BETA		GRADIENT		RN/L = 2.50		GRADIENT INTERVAL = -5.00/ 5.00		CPL		CPC10		CPC11		CPC12		CPO4	
1.470	1.995	1.16174	1.28021	1.17669	1.10239	.73461	1.07114	1.19435	1.09586	1.01454	1.09586	1.01454	1.09586	1.01454	1.09586	1.01454	1.09586	1.01454	
1.470	-2.016	1.07323	1.19660	1.08455	1.00869	.63501	1.15473	1.27454	1.18398	1.10846	1.18398	1.10846	1.18398	1.10846	1.18398	1.10846	1.18398	1.10846	
		.02206	.02084	.02297	.02336	.02483	-.02084	-.01999	-.02197	-.02341	-.02197	-.02341	-.02197	-.02341	-.02197	-.02341	-.02197	-.02341	

MACH		BETA		GRADIENT		RN/L = 2.50		GRADIENT INTERVAL = -5.00/ 5.00		CPL		CPC10		CPC11		CPC12		CPO4	
1.519	1.995	.87139	1.29445	1.17758	1.10448	.73460	.78908	1.18487	1.08946	1.01089	1.08946	1.01089	1.08946	1.01089	1.08946	1.01089	1.08946	1.01089	
1.519	-2.016	.88532	1.16503	1.08209	1.00809	.63364	.93742	1.30809	1.18836	1.10914	1.18836	1.10914	1.18836	1.10914	1.18836	1.10914	1.18836	1.10914	
		-.00347	.03226	.02380	.02403	.02517	-.03698	-.03072	-.02465	-.02449	-.02465	-.02449	-.02465	-.02449	-.02465	-.02449	-.02465	-.02449	

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

(SCM025) (03 OCT 91)

PARAMETRIC DATA

ALPHA = .000 PHI = -90.000

MACH		BETA		GRADIENT		RN/L = 2.50		GRADIENT INTERVAL = -5.00/ 5.00		CPL		CPC10		CPC11		CPC12		CPO4	
1.300	-2.007	1.13404	1.17886	1.07752	1.00328	.63161	1.20833	1.25675	1.17453	1.10265	1.17453	1.10265	1.17453	1.10265	1.17453	1.10265	1.17453	1.10265	
1.300	2.022	1.20579	1.25470	1.16353	1.09381	.72915	1.13698	1.18141	1.09164	1.01427	1.09164	1.01427	1.09164	1.01427	1.09164	1.01427	1.09164	1.01427	
		.01781	.01882	.02135	.02247	.02421	-.01771	-.01870	-.02057	-.02194	-.02057	-.02194	-.02057	-.02194	-.02057	-.02194	-.02057	-.02194	

IA310 (AEDC 16TF-783) PORT MISORIENT-FAIRING OFF (SCM026) (03 OCT 91)

PARAMETRIC DATA

ALPHA = .000 BETA = .000

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

MACH	PHI	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
.599	-1.983	.82777	.87015	.77057	.69604	.30094	.83474	.87469	.78637	.71046	.30645
.599	-1.746	.82854	.87079	.77122	.69584	.30164	.83548	.87542	.78705	.71125	.30739
.600	-1.508	.82615	.86820	.76871	.69447	.30060	.83326	.87315	.78506	.70954	.30667
.599	-1.271	.82769	.86989	.77026	.69579	.30025	.83499	.87509	.78666	.71097	.30694
.600	-.993	.82660	.86870	.76934	.69506	.30079	.83375	.87359	.78543	.70978	.30660
.600	-.716	.82714	.86948	.76995	.69575	.30152	.83453	.87445	.78635	.71080	.30768
.600	-.479	.82628	.86885	.76943	.69505	.30030	.83346	.87348	.78524	.70963	.30600
.600	-.241	.82674	.86933	.76984	.69561	.30111	.83407	.87428	.78619	.71048	.30704
.599	-.003	.82602	.86865	.76907	.69487	.30062	.83348	.87348	.78536	.70968	.30648
.600	.234	.82657	.86915	.76970	.69544	.30128	.83407	.87428	.78619	.71048	.30704
.599	.472	.82813	.87070	.77087	.69635	.30102	.83548	.87553	.78709	.71127	.30686
.600	.749	.82722	.86989	.77019	.69586	.30086	.83462	.87481	.78659	.71087	.30692
.599	.987	.82728	.86996	.77005	.69575	.30058	.83459	.87490	.78648	.71078	.30662
.600	1.224	.82637	.86884	.76913	.69497	.30072	.83391	.87408	.78593	.71032	.30720
.600	1.501	.82687	.86919	.76952	.69527	.30067	.83435	.87438	.78623	.71055	.30688
.599	1.739	.82745	.86979	.77025	.69571	.30073	.83508	.87509	.78676	.71107	.30706
.599	1.977	.82794	.87025	.77050	.69617	.30103	.83503	.87484	.78655	.71073	.30677
	GRADIENT	-.00002	.00004	-.00002	-.00004	-.00004	.00008	.00011	.00011	.00011	.00002

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

MACH	PHI	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
.900	-2.023	.95570	.99904	.90094	.82756	.42657	.96128	1.00287	.91536	.83992	.43129
.900	-1.746	.95565	.99924	.90103	.82763	.42658	.96128	1.00310	.91560	.84015	.43147
.900	-1.508	.95531	.99878	.90061	.82732	.42630	.96080	1.00243	.91504	.83958	.43102
.900	-1.271	.95568	.99915	.90102	.82771	.42669	.96125	1.00291	.91544	.84000	.43130
.900	-.993	.95556	.99900	.90087	.82754	.42669	.96116	1.00275	.91530	.83992	.43137
.900	-.756	.95614	.99977	.90168	.82827	.42718	.96177	1.00352	.91607	.84065	.43192
.900	-.518	.95532	.99881	.90074	.82725	.42651	.96100	1.00272	.91527	.83987	.43138
.900	-.241	.95617	.99968	.90154	.82800	.42708	.96171	1.00350	.91602	.84063	.43196
.900	-.003	.95547	.99894	.90066	.82719	.42621	.96117	1.00286	.91548	.83996	.43134
.900	.234	.95535	.99884	.90061	.82715	.42621	.96102	1.00265	.91517	.83973	.43096
.900	.472	.95606	.99968	.90162	.82803	.42703	.96160	1.00328	.91585	.84047	.43166
.900	.709	.95535	.99893	.90077	.82734	.42638	.96120	1.00276	.91532	.83988	.43118
.900	.987	.95582	.99926	.90101	.82756	.42655	.96152	1.00310	.91570	.84021	.43151
.900	1.224	.95548	.99911	.90090	.82745	.42657	.96125	1.00295	.91544	.84005	.43140
.900	1.462	.95580	.99925	.90114	.82760	.42681	.96149	1.00301	.91555	.84021	.43166
.900	1.739	.95568	.99926	.90107	.82760	.42674	.96153	1.00320	.91579	.84039	.43178
.900	1.977	.95540	.99891	.90079	.82733	.42651	.96105	1.00262	.91517	.83982	.43122
	GRADIENT	-.00001	.00001	-.00000	-.00004	.00000	.00004	.00002	.00003	.00004	.00004

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

(SCM026) (03 OCT 91)

PARAMETRIC DATA

ALPHA = .000 BETA = .000

RUN NO. 1304/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	PHI	CPR	CPC7	CPC8	CPC9	CPC3	CPL	CPC10	CPC11	CPC12	CPO4
1.250	-1.983	1.16210	1.20901	1.11369	1.04256	.67475	1.16616	1.21021	1.12549	1.05256	.67832
1.250	-1.746	1.16146	1.20834	1.11295	1.04205	.67424	1.16558	1.20971	1.12493	1.05209	.67786
1.249	-1.508	1.16169	1.20831	1.11282	1.04192	.67406	1.16576	1.20990	1.12517	1.05222	.67780
1.250	-1.231	1.16199	1.20883	1.11336	1.04244	.67454	1.16608	1.21030	1.12555	1.05261	.67820
1.250	-.993	1.16176	1.20864	1.11311	1.04221	.67446	1.16588	1.20990	1.12521	1.05235	.67808
1.249	-.756	1.16209	1.20904	1.11360	1.04256	.67454	1.16624	1.21041	1.12562	1.05271	.67826
1.250	-.518	1.16167	1.20854	1.11303	1.04211	.67429	1.16580	1.20995	1.12519	1.05224	.67799
1.250	-.241	1.16128	1.20822	1.11275	1.04182	.67408	1.16542	1.20961	1.12494	1.05203	.67786
1.250	-.003	1.16181	1.20877	1.11335	1.04235	.67451	1.16596	1.21007	1.12546	1.05247	.67822
1.250	.234	1.16185	1.20860	1.11317	1.04224	.67445	1.16600	1.21003	1.12535	1.05239	.67814
1.250	.472	1.16220	1.20901	1.11350	1.04264	.67479	1.16620	1.21034	1.12565	1.05273	.67849
1.250	.709	1.16182	1.20877	1.11332	1.04239	.67455	1.16592	1.21007	1.12543	1.05244	.67827
1.250	.987	1.16188	1.20869	1.11324	1.04231	.67448	1.16594	1.21017	1.12532	1.05237	.67816
1.250	1.224	1.16184	1.20889	1.11332	1.04234	.67448	1.16594	1.21017	1.12541	1.05244	.67817
1.250	1.501	1.16155	1.20865	1.11312	1.04221	.67426	1.16566	1.21000	1.12525	1.05226	.67800
1.250	1.739	1.16169	1.20850	1.11305	1.04214	.67428	1.16585	1.20984	1.12513	1.05214	.67794
1.250	1.977	1.16193	1.20860	1.11307	1.04221	.67439	1.16605	1.21010	1.12545	1.05249	.67815
	GRADIENT	-.00000	.00001	-.00002	.00000	-.00000	.00000	.00000	.00002	-.00000	.00002

RUN NO. 1310/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	PHI	CPR	CPC7	CPC8	CPC9	CPC3	CPL	CPC10	CPC11	CPC12	CPO4
1.400	-2.023	1.17826	1.24410	1.13720	1.06089	.68516	1.18228	1.24712	1.15366	1.07526	.69012
1.400	-1.746	1.17805	1.24387	1.13703	1.06072	.68497	1.18202	1.24697	1.15360	1.07519	.69003
1.400	-1.508	1.17811	1.24402	1.13702	1.06076	.68511	1.18207	1.24715	1.15365	1.07525	.69008
1.400	-1.231	1.17811	1.24396	1.13701	1.06069	.68497	1.18206	1.24701	1.15355	1.07513	.69000
1.400	-.993	1.17810	1.24418	1.13721	1.06096	.68523	1.18206	1.24731	1.15385	1.07540	.69031
1.400	-.756	1.17845	1.24443	1.13749	1.06111	.68523	1.18238	1.24730	1.15399	1.07555	.69031
1.400	-.518	1.17835	1.24425	1.13735	1.06101	.68522	1.18233	1.24730	1.15395	1.07553	.69031
1.400	-.241	1.17850	1.24443	1.13739	1.06113	.68522	1.18248	1.24752	1.15398	1.07554	.69031
1.400	-.003	1.17827	1.24414	1.13707	1.06085	.68493	1.18219	1.24726	1.15374	1.07534	.69004
1.400	.234	1.17781	1.24374	1.13674	1.06054	.68483	1.18176	1.24692	1.15353	1.07510	.68996
1.399	.472	1.17799	1.24389	1.13696	1.06064	.68471	1.18187	1.24694	1.15341	1.07500	.68970
1.400	.709	1.17791	1.24398	1.13687	1.06069	.68479	1.18177	1.24699	1.15348	1.07506	.68979
1.400	.987	1.17832	1.24393	1.13709	1.06089	.68525	1.18220	1.24709	1.15374	1.07531	.69025
1.400	1.224	1.17783	1.24401	1.13701	1.06073	.68492	1.18173	1.24702	1.15355	1.07516	.68991
1.400	1.462	1.17810	1.24395	1.13704	1.06075	.68502	1.18200	1.24699	1.15354	1.07513	.68997
1.400	1.739	1.17798	1.24400	1.13697	1.06070	.68478	1.18193	1.24701	1.15345	1.07497	.68983
1.399	1.977	1.17766	1.24354	1.13654	1.06031	.68454	1.18162	1.24662	1.15313	1.07474	.68953
	GRADIENT	-.00009	-.00007	-.00009	-.00007	-.00010	-.00011	-.00008	-.00009	-.00009	-.00010

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

(SCM026) (03 OCT 91)

PARAMETRIC DATA

ALPHA = .000 BETA = .000

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

MACH	PHI	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
1.545	-2.023	.93850	1.13518	1.13338	1.04866	.67449	.94382	1.16186	1.15468	1.06465	.67961
1.545	-1.746	.93811	1.13327	1.13260	1.04794	.67401	.94351	1.16061	1.15399	1.06412	.67909
1.545	-1.469	.93923	1.13500	1.13377	1.04880	.67455	.94447	1.16200	1.15495	1.06474	.67976
1.545	-1.271	.94000	1.13413	1.13389	1.04892	.67449	.94558	1.16101	1.15482	1.06483	.67980
1.544	-.993	.93962	1.13653	1.13308	1.04848	.67422	.94499	1.16351	1.15433	1.06435	.67930
1.544	-.716	.93891	1.13520	1.13309	1.04844	.67411	.94427	1.16105	1.15410	1.06418	.67926
1.544	-.479	.93882	1.13578	1.13241	1.04774	.67381	.94435	1.16029	1.15347	1.06372	.67896
1.544	-.241	.93881	1.13574	1.13308	1.04842	.67403	.94433	1.16157	1.15433	1.06426	.67912
1.544	-.003	.93952	1.13626	1.13289	1.04825	.67395	.94508	1.16086	1.15411	1.06410	.67910
1.544	.234	.93824	1.13450	1.13235	1.04769	.67363	.94393	1.16041	1.15371	1.06374	.67883
1.544	.511	.93865	1.13435	1.13166	1.04706	.67306	.94437	1.15997	1.15307	1.06312	.67840
1.544	.749	.93772	1.13502	1.13198	1.04731	.67321	.94341	1.16060	1.15327	1.06345	.67854
1.544	.987	.93793	1.13479	1.13210	1.04754	.67339	.94331	1.16094	1.15324	1.06322	.67842
1.544	1.264	.93834	1.13633	1.13253	1.04783	.67354	.94384	1.16242	1.15363	1.06362	.67882
1.544	1.462	.93945	1.13504	1.13271	1.04783	.67353	.94471	1.16112	1.15361	1.06360	.67867
1.544	1.739	.93877	1.13494	1.13233	1.04758	.67327	.94415	1.16170	1.15318	1.06341	.67866
1.544	1.977	.93881	1.13613	1.13273	1.04781	.67359	.94447	1.16290	1.15330	1.06361	.67877
GRADIENT		-.00011	.00019	-.00030	-.00029	-.00031	-.00007	.00004	-.00038	-.00034	-.00028

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

(SCM027) (03 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	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
.599	-2.006	.70195	.75667	.68374	.62678	.25212	.70043	.74437	.68161	.62937	.24431
.599	-1.731	.70194	.75684	.68379	.62675	.25214	.70165	.74592	.68305	.63089	.24615
.600	-1.496	.70048	.75506	.68213	.62505	.25085	.70202	.74594	.68338	.63130	.24735
.599	-1.222	.70062	.75531	.68216	.62513	.25055	.70361	.74780	.68527	.63326	.24912
.599	-.986	.69910	.75368	.68020	.62307	.24776	.70355	.74763	.68501	.63293	.24837
.599	-.751	.69858	.75330	.67986	.62272	.24793	.70473	.74861	.68631	.63431	.25054
.599	-.477	.69741	.75274	.67935	.62196	.24702	.70447	.74884	.68664	.63455	.25082
.599	-.241	.69865	.75381	.68012	.62265	.24725	.70745	.75165	.68932	.63726	.25316
.600	-.006	.69695	.75166	.67801	.62073	.24591	.70690	.75115	.68912	.63714	.25389
.599	.504	.69488	.74973	.67587	.61840	.24278	.70765	.75188	.68988	.63772	.25454
.600	.739	.69515	.75008	.67599	.61838	.24374	.70956	.75327	.69174	.63946	.25642
.599	.974	.69389	.74872	.67461	.61695	.24099	.70993	.75440	.69262	.64048	.25735
.599	1.210	.69243	.74760	.67327	.61555	.23927	.71007	.75455	.69273	.64057	.25746
.599	1.445	.69266	.74785	.67353	.61573	.23935	.71117	.75586	.69406	.64195	.25874
.599	1.719	.69194	.74682	.67249	.61467	.23804	.71292	.75728	.69580	.64372	.26082
.599	1.955	.68995	.74502	.67047	.61273	.23663	.71234	.75679	.69540	.64346	.26104
	GRADIENT	-.00290	-.00281	-.00323	-.00346	-.00400	.00308	.00321	.00354	.00355	.00408

RUN NO. 1300/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	PHI	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
.900	-1.967	.85372	.90376	.82911	.76990	.38790	.85072	.89068	.82498	.76968	.37833
.900	-1.732	.85314	.90320	.82853	.76920	.38701	.85151	.89148	.82587	.77060	.37936
.900	-1.496	.85256	.90264	.82781	.76857	.38626	.85238	.89215	.82671	.77152	.38044
.900	-1.261	.85205	.90213	.82726	.76783	.38539	.85291	.89268	.82730	.77216	.38107
.900	-.987	.85104	.90135	.82639	.76690	.38428	.85375	.89371	.82840	.77338	.38254
.900	-.751	.85032	.90047	.82535	.76588	.38321	.85433	.89420	.82905	.77404	.38339
.900	-.516	.84958	.89975	.82447	.76497	.38207	.85493	.89491	.82978	.77477	.38422
.900	-.241	.84918	.89927	.82390	.76451	.38151	.85580	.89558	.83063	.77569	.38538
.900	-.006	.84904	.89920	.82367	.76423	.38109	.85704	.89699	.83200	.77721	.38693
.900	.229	.84758	.89768	.82218	.76289	.37966	.85691	.89668	.83190	.77709	.38709
.900	.504	.84758	.89775	.82191	.76271	.37919	.85804	.89798	.83188	.77840	.38830
.900	.739	.84652	.89664	.82087	.76143	.37775	.85838	.89839	.83358	.77890	.38895
.900	.974	.84620	.89648	.82056	.76111	.37725	.85971	.89975	.83510	.78044	.39056
.900	1.210	.84514	.89531	.81937	.75970	.37587	.85954	.89951	.83496	.78030	.39060
.900	1.445	.84525	.89533	.81934	.75982	.37596	.86100	.90083	.83627	.78178	.39232
.900	1.719	.84367	.89385	.81767	.75806	.37399	.86125	.90108	.83663	.78217	.39279
.900	1.955	.84347	.89375	.81754	.75797	.37384	.86144	.90143	.83699	.78250	.39322
	GRADIENT	-.00262	-.00259	-.00301	-.00308	-.00364	.00281	.00282	.00315	.00336	.00389

IA310 (AEDC 16TF-783) PORT MISORIENT-FAIRING OFF (SCMO27) (03 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	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
1.250	-2.006	1.07666	1.12684	1.05265	.99442	.64161	1.07279	1.11379	1.04803	.99312	.63245
1.250	-1.731	1.07596	1.12618	1.05184	.99364	.64078	1.07367	1.11448	1.04898	.99405	.63353
1.250	-1.496	1.07540	1.12557	1.05120	.99297	.64001	1.07431	1.11518	1.04975	.99492	.63442
1.250	-1.221	1.07501	1.12527	1.05083	.99262	.63951	1.07468	1.11543	1.04999	.99516	.63467
1.250	-.986	1.07441	1.12443	1.04977	.99154	.63832	1.07611	1.11677	1.05142	.99675	.63640
1.250	-.751	1.07308	1.12330	1.04862	.99031	.63695	1.07603	1.11699	1.05178	.99706	.63672
1.250	-.516	1.07264	1.12303	1.04818	.98978	.63653	1.07684	1.11778	1.05263	.99798	.63781
1.250	-.241	1.07190	1.12195	1.04709	.98871	.63522	1.07735	1.11813	1.05303	.99844	.63826
1.250	-.006	1.07165	1.12180	1.04689	.98840	.63472	1.07841	1.11915	1.05409	.99957	.63943
1.250	.229	1.07086	1.12133	1.04618	.98768	.63390	1.07890	1.11971	1.05475	1.00020	.64012
1.250	.465	1.07048	1.12078	1.04555	.98706	.63337	1.07934	1.11999	1.05516	1.00066	.64072
1.250	.739	1.06970	1.11998	1.04464	.98614	.63224	1.08005	1.12088	1.05604	1.00168	.64196
1.250	.975	1.06929	1.11955	1.04420	.98560	.63164	1.08106	1.12180	1.05705	1.00270	.64305
1.250	1.210	1.06832	1.11886	1.04341	.98479	.63073	1.08111	1.12204	1.05731	1.00303	.64343
1.250	1.485	1.06834	1.11875	1.04316	.98455	.63039	1.08203	1.12288	1.05815	1.00397	.64431
1.250	1.720	1.06724	1.11774	1.04209	.98339	.62906	1.08279	1.12376	1.05915	1.00502	.64550
1.250	1.955	1.06657	1.11712	1.04139	.98262	.62823	1.08279	1.12371	1.05911	1.00493	.64548
GRADIENT		-.00252	-.00243	-.00282	-.00297	-.00337	.00259	.00260	.00287	.00308	.00339

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

MACH	PHI	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
1.399	-2.007	1.09868	1.16378	1.08038	1.01849	.65648	1.09320	1.14936	1.07612	1.01647	.64755
1.400	-1.732	1.09752	1.16286	1.07938	1.01758	.65532	1.09436	1.15071	1.07752	1.01805	.64929
1.400	-1.497	1.09752	1.16298	1.07920	1.01733	.65509	1.09587	1.15188	1.07894	1.01942	.65057
1.400	-1.261	1.09643	1.16203	1.07819	1.01633	.65399	1.09558	1.15159	1.07858	1.01912	.65038
1.400	-.987	1.09510	1.16050	1.07657	1.01471	.65237	1.09638	1.15234	1.07947	1.02010	.65155
1.399	-.752	1.09505	1.16068	1.07662	1.01459	.65211	1.09746	1.15353	1.08072	1.02135	.65267
1.400	-.516	1.09427	1.16003	1.07591	1.01393	.65178	1.09742	1.15352	1.08074	1.02148	.65300
1.400	-.242	1.09331	1.15901	1.07475	1.01281	.65029	1.09877	1.15477	1.08212	1.02293	.65447
1.400	-.007	1.09260	1.15828	1.07399	1.01197	.64960	1.09952	1.15552	1.08295	1.02380	.65577
1.400	.229	1.09188	1.15787	1.07347	1.01142	.64872	1.10018	1.15632	1.08361	1.02456	.65626
1.400	.464	1.09100	1.15663	1.07227	1.01023	.64758	1.10068	1.15639	1.08382	1.02488	.65674
1.400	.738	1.09072	1.15644	1.07192	1.00987	.64697	1.10186	1.15776	1.08487	1.02631	.65804
1.400	.974	1.09002	1.15568	1.07105	1.00887	.64621	1.10253	1.15841	1.08556	1.02711	.65885
1.400	1.209	1.08942	1.15532	1.07066	1.00855	.64562	1.10266	1.15858	1.08556	1.02730	.65905
1.400	1.484	1.08874	1.15468	1.06994	1.00768	.64464	1.10384	1.15971	1.08699	1.02858	.66040
1.400	1.719	1.08763	1.15357	1.06869	1.00644	.64342	1.10463	1.16035	1.08775	1.02947	.66138
1.400	1.994	1.08714	1.15306	1.06813	1.00594	.64279	1.10505	1.16054	1.08792	1.02959	.66170
GRADIENT		-.00287	-.00271	-.00307	-.00318	-.00344	.00292	.00280	.00291	.00328	.00351

IA310 (AEDC 16TF-783) PORT MISORIENT-FAIRING OFF (SCM027) (03 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	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
1.543	-1.967	.74187	1.15211	1.06365	1.00417	.64785	.73802	1.13849	1.06098	1.00187	.64118
1.544	-1.732	.73648	1.15099	1.06293	1.00346	.64631	.73437	1.13900	1.06200	1.00297	.64192
1.543	-1.497	.73272	1.14861	1.06071	1.00131	.64395	.73286	1.13795	1.06141	1.00243	.64135
1.544	-1.222	.73507	1.14969	1.06141	1.00205	.64480	.73599	1.13979	1.06303	1.00406	.64319
1.544	-.987	.73454	1.14848	1.06010	1.00068	.64349	.73790	1.14089	1.06415	1.00528	.64443
1.543	-.751	.73385	1.14694	1.05822	.99877	.64153	.73863	1.14051	1.06374	1.00485	.64408
1.544	-.477	.73305	1.14659	1.05806	.99869	.64136	.73947	1.14108	1.06460	1.00573	.64509
1.543	-.242	.72900	1.14534	1.05672	.99731	.63984	.73781	1.14195	1.06559	1.00680	.64595
1.545	-.006	.73317	1.14625	1.05716	.99777	.64055	.74352	1.14441	1.06781	1.00907	.64854
1.544	.229	.72922	1.14459	1.05578	.99627	.63866	.74140	1.14403	1.06773	1.00900	.64828
1.544	.464	.72907	1.14406	1.05496	.99557	.63819	.74295	1.14492	1.06855	1.00996	.64942
1.544	.739	.72879	1.14389	1.05450	.99500	.63773	.74427	1.14612	1.06968	1.01117	.65065
1.544	.974	.72575	1.14196	1.05269	.99340	.63576	.74301	1.14565	1.06966	1.01107	.65037
1.543	1.209	.72498	1.14099	1.05176	.99229	.63448	.74426	1.14585	1.06985	1.01129	.65055
1.544	1.445	.72474	1.14138	1.05199	.99244	.63493	.74537	1.14746	1.07146	1.01295	.65235
1.543	1.719	.72414	1.13980	1.05029	.99086	.63332	.74705	1.14783	1.07206	1.01361	.65325
1.544	1.994	.72305	1.13979	1.05010	.99059	.63313	.74714	1.14893	1.07297	1.01459	.65429
	GRADIENT	-.00392	-.00304	-.00344	-.00345	-.00363	.00325	.00277	.00310	.00327	.00340

(SCMO28) (03 OCT 91)

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

PARAMETRIC DATA

ALPHA = .000 BETA = -4.000

RUN NO. 1307/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	PHI	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
1.250	88.000	1.08930	1.12826	1.02682	.95277	.57856	1.23223	1.27641	1.20056	1.13327	.77098
1.250	88.277	1.08868	1.12775	1.02667	.95277	.57883	1.23186	1.27600	1.20020	1.13285	.77062
1.249	88.516	1.08894	1.12820	1.02725	.95352	.57820	1.23223	1.27654	1.20073	1.13339	.77104
1.250	88.754	1.08918	1.12833	1.02733	.95362	.57833	1.23233	1.27665	1.20080	1.13345	.77115
1.249	89.032	1.08899	1.12817	1.02740	.95381	.57822	1.23222	1.27642	1.20067	1.13336	.77099
1.250	89.270	1.08914	1.12836	1.02763	.95387	.57843	1.23229	1.27672	1.20085	1.13355	.77123
1.250	89.548	1.08933	1.12850	1.02760	.95404	.57873	1.23235	1.27678	1.20092	1.13363	.77135
1.250	89.786	1.08886	1.12795	1.02697	.95320	.57812	1.23193	1.27641	1.20055	1.13327	.77085
1.250	90.024	1.08944	1.12836	1.02721	.95340	.57859	1.23256	1.27675	1.20094	1.13363	.77123
1.250	90.302	1.08935	1.12834	1.02713	.95325	.57894	1.23233	1.27670	1.20097	1.13362	.77137
1.250	90.540	1.08942	1.12805	1.02649	.95238	.57849	1.23245	1.27660	1.20071	1.13342	.77105
1.250	90.778	1.08935	1.12802	1.02630	.95216	.57869	1.23219	1.27650	1.20070	1.13339	.77106
1.250	91.017	1.08888	1.12755	1.02575	.95162	.57838	1.23160	1.27600	1.20021	1.13295	.77066
1.250	91.295	1.09006	1.12880	1.02681	.95274	.57967	1.23281	1.27723	1.20145	1.13427	.77188
1.250	91.533	1.08943	1.12795	1.02578	.95179	.57889	1.23210	1.27655	1.20076	1.13346	.77109
1.250	91.771	1.08878	1.12720	1.02497	.95087	.57811	1.23139	1.27578	1.20002	1.13268	.77028
1.250	92.049	1.08962	1.12806	1.02570	.95177	.57880	1.23224	1.27673	1.20088	1.13348	.77104
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1312/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	PHI	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
1.400	88.039	1.09939	1.15893	1.04727	.96965	.58878	1.25788	1.31901	1.23433	1.16127	.78780
1.400	88.277	1.09858	1.15832	1.04701	.96967	.58806	1.25761	1.31897	1.23428	1.16116	.78758
1.400	88.515	1.09901	1.15871	1.04752	.97014	.58846	1.25780	1.31924	1.23453	1.16143	.78789
1.400	88.753	1.09919	1.15883	1.04769	.97040	.58859	1.25796	1.31929	1.23455	1.16146	.78791
1.400	89.031	1.09873	1.15834	1.04736	.97016	.58834	1.25742	1.31874	1.23403	1.16094	.78751
1.400	89.269	1.09929	1.15903	1.04791	.97065	.58875	1.25799	1.31944	1.23470	1.16157	.78796
1.400	89.508	1.09901	1.15878	1.04762	.97033	.58878	1.25760	1.31894	1.23435	1.16123	.78772
1.400	89.785	1.09880	1.15822	1.04695	.96953	.58835	1.25737	1.31881	1.23406	1.16092	.78737
1.400	90.024	1.09871	1.15810	1.04665	.96918	.58828	1.25731	1.31860	1.23383	1.16069	.78709
1.400	90.262	1.09846	1.15780	1.04631	.96874	.58815	1.25699	1.31846	1.23372	1.16054	.78690
1.400	90.540	1.09959	1.15875	1.04697	.96926	.58910	1.25800	1.31947	1.23466	1.16154	.78780
1.400	90.778	1.09870	1.15774	1.04587	.96812	.58838	1.25700	1.31853	1.23374	1.16064	.78700
1.400	91.056	1.09903	1.15805	1.04611	.96841	.58875	1.25727	1.31867	1.23396	1.16077	.78726
1.400	91.254	1.09941	1.15807	1.04593	.96826	.58886	1.25762	1.31882	1.23411	1.16092	.78735
1.400	91.532	1.09935	1.15808	1.04583	.96814	.58902	1.25743	1.31883	1.23414	1.16100	.78741
1.400	91.771	1.09900	1.15743	1.04509	.96748	.58878	1.25707	1.31853	1.23380	1.16056	.78699
1.400	92.048	1.09967	1.15830	1.04590	.96840	.58949	1.25757	1.31915	1.23441	1.16130	.78766
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

C-6

IA310 (AEDC 16TF-783) PORT MISORIENT-FAIRING OFF (SCM029) (03 OCT 91)

PARAMETRIC DATA

ALPHA = .000 BETA = 4.000

MACH	PHI	RUN NO.	1318/ O	RN/L =	2.49	GRADIENT INTERVAL =	-5.00/	5.00	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
1.543	88.025	89869	1.32596	1.20688	1.13661	.77507	.74085	1.07142	1.02036	.95032	.58000				
1.543	88.263	89732	1.32464	1.20784	1.13767	.77619	.73831	1.07937	1.02173	.95071	.57994				
1.544	88.502	89874	1.32659	1.20768	1.13741	.77588	.73935	1.07273	1.02006	.94984	.57951				
1.543	88.740	89852	1.32521	1.20725	1.13712	.77574	.73934	1.07437	1.01998	.94958	.57922				
1.543	89.018	89763	1.32517	1.20708	1.13691	.77567	.73839	1.07323	1.01904	.94873	.57895				
1.544	89.256	89936	1.32682	1.20785	1.13750	.77594	.73999	1.07208	1.01978	.94949	.57937				
1.543	89.494	89931	1.32715	1.20730	1.13700	.77535	.73988	1.06802	1.01846	.94866	.57872				
1.543	89.772	89849	1.32583	1.20690	1.13666	.77517	.73933	1.07042	1.01829	.94820	.57842				
1.544	90.010	89979	1.32740	1.20813	1.13786	.77623	.74035	1.07132	1.01915	.94901	.57946				
1.543	90.288	89994	1.32637	1.20736	1.13722	.77560	.74077	1.07062	1.01852	.94831	.57872				
1.543	90.526	89881	1.32691	1.20737	1.13722	.77560	.73958	1.07019	1.01811	.94809	.57875				
1.544	90.764	89828	1.32519	1.20786	1.13773	.77628	.73925	1.07789	1.02043	.94945	.57962				
1.543	91.042	89953	1.32667	1.20756	1.13730	.77580	.74042	1.07076	1.01818	.94823	.57890				
1.543	91.280	89854	1.32629	1.20771	1.13755	.77595	.73952	1.07336	1.01890	.94861	.57900				
1.543	91.519	90017	1.32656	1.20753	1.13736	.77586	.74131	1.07198	1.01841	.94825	.57904				
1.543	91.757	89790	1.32605	1.20769	1.13758	.77586	.73890	1.07428	1.01884	.94837	.57909				
1.543	92.035	89818	1.32608	1.20731	1.13707	.77546	.73911	1.07246	1.01828	.94804	.57862				
	GRADIENT		.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000				

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

(SCM030) (03 OCT 91)

PARAMETRIC DATA

BETA = -4.000 PHI = 180.000

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

MACH	ALPHA	RUN NO.	1351/ O	RN/L =	2.50	GRADIENT INTERVAL =	-5.00/	5.00	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
.598	-8.099	61364	.66773	.58723	.52579	.14349	.78171	.81944	.76635	.72130	.35236				
.600	-7.097	.64547	.69593	.60891	.54470	.15718	.81121	.84788	.78880	.73886	.36648				
.599	-6.117	.67066	.71787	.62548	.55922	.16583	.83527	.87242	.80813	.75381	.37743				
.600	-5.142	.69280	.73740	.64071	.57221	.17471	.85631	.89306	.82455	.76622	.38603				
.600	-4.164	.71131	.75408	.65410	.58340	.18179	.87295	.91004	.83781	.77605	.39360				
.601	-3.198	.72530	.76581	.66268	.59027	.18733	.88612	.92334	.84846	.78422	.40088				
.601	-2.235	.73432	.77467	.66748	.59039	.18921	.89629	.93414	.85760	.79093	.40569				
.600	-1.264	.74071	.77960	.66858	.59194	.19086	.90514	.94324	.86571	.79758	.41138				
.601	-.275	.74096	.77512	.66722	.59116	.19040	.90797	.94582	.86902	.80007	.41482				
.600	.716	.73728	.77159	.66417	.58719	.18567	.90588	.94582	.86881	.79985	.41443				
.600	1.739	.73321	.77396	.66267	.58665	.18479	.90428	.94556	.86997	.80159	.41723				
	GRADIENT		.00258	.00102	.00015	.00024	.00525	.00593	.00538	.00424	.00388				

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

(SCM030) (03 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	CPR	CPC7	CPC8	CPC9	CPC3	CPL	CPC10	CPC11	CPC12	CPO4
.800	-8.063	.70553	.75449	.67014	.60681	.20665	.86894	.90553	.84971	.80204	.42294
.799	-7.056	.73336	.78035	.69074	.62431	.21883	.89425	.93086	.86947	.81674	.43391
.800	-6.067	.75610	.80140	.70707	.63836	.22880	.91621	.95288	.88695	.83020	.44312
.800	-5.088	.77614	.82002	.72172	.65055	.23663	.93488	.97235	.90228	.84163	.45161
.800	-4.103	.79280	.83510	.73423	.66068	.24377	.95013	.98783	.91450	.85083	.45908
.800	-3.132	.80553	.84643	.74159	.66773	.24865	.96159	1.00081	.92503	.85914	.46654
.800	-2.158	.81425	.85482	.74624	.66728	.25132	.97112	1.01092	.93362	.86571	.47196
.800	-1.185	.81949	.85930	.74717	.66902	.25270	.97750	1.01828	.93984	.87062	.47612
.800	-.188	.81964	.85546	.74635	.66795	.25196	.97943	1.02131	.94271	.87264	.47814
.800	.802	.81827	.85460	.74535	.66686	.25017	.97882	1.02177	.94377	.87366	.47935
.800	1.818	.81168	.85301	.74263	.66334	.24690	.97465	1.01825	.94154	.87218	.47895
	GRADIENT	.00315	.00254	.00118	.00024	.00046	.00419	.00518	.00461	.00361	.00330

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

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPC3	CPL	CPC10	CPC11	CPC12	CPO4
.900	-8.058	.77277	.81926	.73550	.67232	.27896	.92825	.96402	.90777	.85987	.48687
.900	-7.048	.79877	.84374	.75494	.68878	.29064	.95165	.98797	.92663	.87407	.49729
.899	-6.066	.81873	.86175	.76856	.70031	.29728	.97177	1.00855	.94286	.88594	.50499
.900	-5.081	.83824	.88063	.78367	.71341	.30664	.99018	1.02773	.95833	.89789	.51491
.900	-4.105	.85389	.89524	.79585	.72314	.31336	1.00420	1.04243	.97005	.90668	.52143
.900	-3.133	.86535	.90535	.80211	.72941	.31730	1.01453	1.05364	.97879	.91350	.52724
.900	-2.163	.87371	.91305	.80634	.72927	.31997	1.02301	1.06327	.98706	.91973	.53254
.900	-1.192	.87809	.91753	.80709	.73036	.32051	1.02831	1.06939	.99231	.92373	.53573
.900	-.197	.87874	.91373	.80688	.72953	.32053	1.03105	1.07299	.99569	.92654	.53864
.900	.789	.87718	.91306	.80584	.72849	.31870	1.03058	1.07342	.99676	.92744	.54005
.900	1.806	.87056	.91105	.80277	.72455	.31502	1.02607	1.06996	.99442	.92572	.53903
	GRADIENT	.00283	.00229	.00103	.00009	.00029	.00382	.00477	.00426	.00332	.00306

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

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPC3	CPL	CPC10	CPC11	CPC12	CPO4
1.098	-8.001	.92911	.97247	.89369	.83424	.47490	1.07411	1.10672	1.05365	1.00825	.66572
1.099	-6.974	.95294	.99454	.91130	.84923	.48497	1.09587	1.12980	1.07193	1.02259	.67630
1.100	-5.985	.97239	1.01245	.92487	.86127	.49333	1.11386	1.14863	1.08713	1.03385	.68504
1.100	-4.996	.98827	1.02782	.93703	.87134	.49992	1.12942	1.16474	1.09976	1.04324	.69160
1.101	-4.007	1.00148	1.03994	.94685	.87901	.50526	1.14063	1.17645	1.10918	1.04998	.69652
1.101	-3.022	1.01135	1.04959	.95272	.88455	.50895	1.14931	1.18644	1.11698	1.05601	.70144
1.100	-2.040	1.01872	1.05611	.95525	.88419	.51142	1.15621	1.19388	1.12318	1.06033	.70431
1.100	-1.036	1.02299	1.06017	.95751	.88567	.51284	1.16025	1.19898	1.12757	1.06357	.70652
1.100	-.075	1.02315	1.05717	.95879	.88677	.51297	1.16104	1.20050	1.12900	1.06456	.70742
1.100	.932	1.02276	1.05782	.95734	.88548	.51260	1.16032	1.20044	1.12941	1.06493	.70812
1.100	1.936	1.01693	1.05543	.95447	.88247	.50977	1.15564	1.19677	1.12680	1.06282	.70669
	GRADIENT	.00417	.00372	.00234	.00142	.00143	.00386	.00471	.00398	.00290	.00321

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

(SCM030) (03 OCT 91)

PARAMETRIC DATA

BETA = -4.000 PHI = 180.000

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

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
1.249	-8.047	.99998	1.04738	.96454	.90403	.54476	1.14709	1.18294	1.12678	1.07814	.72995
1.250	-7.037	1.02240	1.06941	.98199	.91895	.55500	1.16615	1.20354	1.14256	1.09013	.73827
1.250	-6.046	1.04000	1.08578	.99427	.92933	.56121	1.18395	1.22265	1.15752	1.10122	.74646
1.250	-5.062	1.05504	1.10026	1.00563	.93849	.56721	1.19773	1.23698	1.16776	1.10825	.75163
1.250	-4.083	1.06889	1.11305	1.01640	.94697	.57345	1.20965	1.24907	1.17773	1.11609	.75770
1.250	-3.106	1.07811	1.12145	1.02131	.94919	.57660	1.21790	1.25868	1.18583	1.12267	.76230
1.250	-2.129	1.08492	1.12804	1.02359	.94997	.57898	1.22446	1.26686	1.19261	1.12766	.76628
1.250	-1.148	1.08806	1.13104	1.02517	.95156	.57968	1.22832	1.27184	1.19704	1.13078	.76857
1.250	-.153	1.08917	1.12804	1.02570	.95186	.57988	1.23110	1.27512	1.20009	1.13322	.77105
1.250	.842	1.08759	1.12764	1.02421	.95045	.57824	1.23008	1.27493	1.20036	1.13342	.77157
1.250	1.853	1.08307	1.12607	1.02201	.94816	.57635	1.22696	1.27241	1.19889	1.13255	.77170
	GRADIENT	.00236	.00185	.00089	.00028	.00046	.00298	.00399	.00360	.00275	.00236

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

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
1.400	-8.008	1.01357	1.07815	.98673	.92283	.55900	1.17653	1.22398	1.15965	1.10595	.74856
1.400	-7.026	1.03509	1.09973	1.00359	.93733	.56852	1.19270	1.24278	1.17353	1.11570	.75465
1.400	-6.038	1.05258	1.11692	1.01639	.94829	.57520	1.20961	1.26156	1.18778	1.12646	.76276
1.400	-5.051	1.06609	1.13029	1.02677	.95668	.58003	1.22245	1.27632	1.19913	1.13486	.76864
1.400	-4.068	1.07849	1.14226	1.03446	.96227	.58529	1.23366	1.28984	1.21006	1.14307	.77428
1.400	-3.089	1.08732	1.15056	1.03881	.96273	.58812	1.24240	1.30038	1.21829	1.14907	.77846
1.400	-2.113	1.09420	1.15808	1.04308	.96583	.59038	1.24941	1.30882	1.22528	1.15437	.78275
1.400	-1.135	1.09839	1.16226	1.04509	.96803	.59138	1.25422	1.31439	1.23016	1.15839	.78578
1.400	-.134	1.09790	1.15622	1.04356	.96607	.59049	1.25565	1.31677	1.23256	1.16024	.78736
1.400	.856	1.09662	1.15621	1.04241	.96486	.58893	1.25510	1.31705	1.23333	1.16104	.78871
1.400	1.871	1.09194	1.15492	1.03929	.96199	.58714	1.25215	1.31495	1.23233	1.16026	.78874
	GRADIENT	.00225	.00170	.00079	.00013	.00026	.00313	.00420	.00375	.00293	.00247

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

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
1.449	-8.093	1.00010	1.08111	.98866	.92591	.56470	1.16710	1.22503	1.15838	1.10495	.74798
1.450	-7.082	1.02093	1.10258	1.00532	.93973	.57328	1.18442	1.24573	1.17468	1.11701	.75663
1.450	-6.101	1.03665	1.11960	1.01775	.95006	.57872	1.20037	1.26504	1.18970	1.12743	.76511
1.450	-5.120	1.04983	1.13321	1.02781	.95780	.58386	1.21280	1.27904	1.20046	1.13557	.77141
1.450	-4.148	1.06067	1.14417	1.03449	.96156	.58835	1.22241	1.29261	1.21189	1.14668	.77659
1.450	-3.177	1.06913	1.15291	1.03884	.96287	.59063	1.23121	1.30496	1.22180	1.15194	.78132
1.450	-2.212	1.07428	1.15948	1.04088	.96456	.59142	1.23803	1.31371	1.22838	1.15654	.78520
1.450	-1.242	1.07912	1.16440	1.04344	.96672	.59281	1.24433	1.31992	1.23335	1.16111	.78939
1.450	-.246	1.07906	1.15777	1.04186	.96515	.59081	1.24688	1.32332	1.23645	1.16398	.79217
1.450	.742	1.07713	1.15645	1.04062	.96316	.58759	1.24671	1.32353	1.23675	1.16396	.79282
1.450	1.764	1.07205	1.15608	1.03716	.96009	.58556	1.24397	1.32239	1.23647	1.16346	.79339
	GRADIENT	.00197	.00147	.00044	-.00013	-.00056	.00378	.00492	.00404	.00318	.00291

IA310 (AEDC 16TF-783) FAIRING-OFF DATABASE (SCMO30) (03 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	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
1.471	-8.080	.97786	1.07809	.98338	.91900	.55858	1.15175	1.22838	1.16108	1.10567	.74323
1.471	-7.070	.99560	1.09914	.99978	.93316	.56776	1.16674	1.24948	1.17706	1.11640	.75021
1.471	-6.089	1.00897	1.11621	1.01191	.94337	.57353	1.18096	1.26733	1.18889	1.12490	.75814
1.471	-5.106	1.01983	1.12946	1.02100	.95078	.57848	1.18977	1.28023	1.19868	1.13241	.76431
1.471	-4.134	1.02746	1.14026	1.02678	.95270	.58191	1.19561	1.29058	1.20638	1.13796	.76755
1.471	-3.162	1.03473	1.15045	1.03218	.95706	.58556	1.20207	1.30056	1.21470	1.14407	.77295
1.470	-2.193	1.03848	1.15687	1.03566	.95980	.58589	1.20691	1.30754	1.22048	1.14853	.77638
1.471	-1.225	1.04032	1.16015	1.03826	.96156	.58585	1.20934	1.31296	1.22510	1.15171	.77857
1.470	-.227	1.04008	1.15323	1.03737	.96087	.58479	1.21139	1.31635	1.22809	1.15388	.78139
1.470	.765	1.03892	1.15322	1.03721	.96040	.58299	1.21281	1.31742	1.22956	1.15510	.78409
1.470	1.785	1.03512	1.15409	1.03312	.95708	.58025	1.21169	1.31477	1.22795	1.15392	.78421
GRADIENT		.00118	.00156	.00110	.00075	-.00041	.00268	.00416	.00369	.00272	.00280

RUN NO. 1400/ O RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
1.495	-8.080	.96162	1.08141	.98588	.92233	.56259	1.14170	1.23275	1.16445	1.10943	.74915
1.495	-7.064	.97391	1.10237	1.00223	.93607	.57145	1.15112	1.25290	1.18007	1.12047	.75661
1.496	-6.080	.97989	1.11889	1.01388	.94573	.57706	1.15799	1.27077	1.19309	1.12960	.76330
1.495	-5.097	.98159	1.13226	1.02248	.95222	.58119	1.16079	1.28591	1.20389	1.13695	.76861
1.495	-4.121	.98537	1.14435	1.02824	.95374	.58546	1.16310	1.29715	1.21219	1.14307	.77249
1.495	-3.152	.98701	1.15510	1.03448	.95856	.58855	1.16401	1.30727	1.22029	1.14888	.77687
1.495	-2.183	.98503	1.16370	1.03790	.96205	.58965	1.16347	1.31451	1.22569	1.15257	.78003
1.496	-1.209	.98569	1.16598	1.04129	.96460	.59037	1.16564	1.32029	1.23033	1.15627	.78366
1.496	-.214	.98361	1.15745	1.03989	.96392	.58909	1.16568	1.32307	1.23292	1.15825	.78578
1.496	.780	.98447	1.15705	1.04083	.96397	.58800	1.16813	1.32464	1.23507	1.16010	.78764
1.495	1.800	.98267	1.16157	1.03693	.96056	.58525	1.16847	1.32278	1.23442	1.15970	.78727
GRADIENT		-.00053	.00177	.00146	.00117	-.00009	.00096	.00434	.00374	.00282	.00259

RUN NO. 1421/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
1.517	-8.074	.85514	1.07451	.98009	.91781	.55913	1.05169	1.22335	1.15507	1.10099	.74350
1.521	-7.062	.79809	1.09583	.99440	.93011	.56708	1.00590	1.24628	1.17175	1.11179	.75131
1.520	-6.081	.78982	1.11295	1.00559	.93941	.57263	.99728	1.26460	1.18605	1.12211	.75930
1.518	-5.103	.78259	1.12849	1.01092	.94180	.57736	.98740	1.27642	1.19459	1.12846	.76375
1.519	-4.122	.75999	1.14333	1.01773	.94611	.58187	.98672	1.28734	1.20412	1.13647	.76876
1.529	-3.154	.73779	1.15605	1.02278	.94993	.58435	.94784	1.29815	1.21389	1.14415	.77317
1.519	-2.182	.72841	1.16474	1.02705	.95262	.58599	.93826	1.30726	1.22102	1.14939	.77678
1.518	-1.207	.72353	1.15901	1.02893	.95394	.58636	.93399	1.31302	1.22565	1.15269	.77936
1.518	-.213	.72008	1.15080	1.02673	.95315	.58557	.93102	1.31646	1.22901	1.15555	.78196
1.518	.779	.72435	1.14899	1.02540	.95163	.58419	.94130	1.31689	1.23000	1.15652	.78372
1.519	1.799	.72654	1.15591	1.02333	.94840	.58186	.94792	1.31424	1.22816	1.15535	.78413
GRADIENT		-.00488	.00034	.00077	.00038	-.00003	-.00274	.00459	.00405	.00316	.00262

IA310 (AEDC 16TF-783) FAIRING-OFF DATABASE (SCM030) (03 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	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
1.543	-8.078	.66920	1.06474	.96646	.90644	.55241	.86830	1.20979	1.14232	1.08900	.73682
1.543	-7.069	.66067	1.08706	.97817	.91702	.55925	.85337	1.22844	1.15654	1.09910	.74439
1.543	-5.101	.66540	1.13635	.99449	.92493	.56908	.85197	1.26064	1.17989	1.11645	.75551
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA310 (AEDC 16TF-783) FAIRING-OFF DATABASE (SCM031) (03 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	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
1.517	-8.074	.86187	1.06883	.97538	.91404	.55608	1.05595	1.21521	1.14929	1.09547	.73887
1.517	-7.066	.84252	1.08895	.99023	.92633	.56453	1.04028	1.23560	1.16411	1.10612	.74560
1.516	-6.081	.82812	1.10305	.99884	.93343	.56911	1.02880	1.25236	1.17694	1.11533	.75228
1.516	-5.103	.81371	1.11822	1.00770	.93923	.57426	1.01514	1.26831	1.18861	1.12342	.75745
1.517	-4.124	.80893	1.13247	1.01242	.94106	.57838	1.01123	1.28093	1.19852	1.13058	.76255
1.517	-3.155	.80372	1.14389	1.01713	.94512	.58039	1.00800	1.29151	1.20698	1.13702	.76763
1.516	-2.182	.79205	1.15334	1.02120	.94779	.58201	.99998	1.30055	1.21447	1.14327	.77180
1.516	-1.210	.78527	1.15197	1.02354	.94876	.58235	.99762	1.30716	1.22073	1.14774	.77525
1.517	-.211	.78215	1.14429	1.02239	.94878	.58218	.99769	1.31235	1.22584	1.15175	.77871
1.516	.780	.78210	1.14052	1.01895	.94600	.57896	.99916	1.30928	1.22607	1.15226	.78014
1.516	1.798	.79125	1.14655	1.01663	.94288	.57629	1.00529	1.30760	1.22374	1.15093	.78041
	GRADIENT	-.00382	.00094	.00062	.00029	-.00033	-.00135	.00459	.00452	.00361	.00309

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

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
1.542	-8.071	.66639	1.06311	.96445	.90467	.55074	.86522	1.20890	1.14143	1.08845	.73616
1.543	-7.065	.65963	1.08705	.97782	.91697	.55891	.85180	1.22749	1.15535	1.09823	.74336
1.542	-6.079	.65668	1.11072	.98208	.91740	.56395	.84581	1.24356	1.16736	1.10655	.74948
1.542	-5.097	.66344	1.13561	.99326	.92362	.56755	.85101	1.25966	1.17911	1.11568	.75483
1.543	-4.125	.67195	1.15411	1.00592	.93140	.57185	.85673	1.27499	1.18951	1.12307	.75896
1.542	-3.153	.68519	1.14724	1.01759	.93818	.57497	.86642	1.29066	1.19797	1.12869	.76234
1.542	-2.182	.70616	1.09951	1.02198	.94460	.57770	.88234	1.30623	1.20464	1.13296	.76582
1.542	-1.210	.73527	1.05591	1.00824	.94325	.57975	.90496	1.32190	1.21075	1.13710	.76941
1.542	-.213	.74818	1.04824	1.00194	.93711	.57882	.91688	1.33141	1.21481	1.14006	.77204
1.543	.781	.72823	1.05454	.99979	.93551	.57860	.90254	1.32578	1.21642	1.14224	.77350
1.543	1.797	.69297	1.08783	1.01191	.93843	.57744	.87596	1.31410	1.21637	1.14322	.77373
	GRADIENT	.00684	-.01567	-.00136	.00029	.00090	.00589	.00766	.00461	.00342	.00263

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

(SCM032) (03 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	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
.599	-8.031	.63680	.69068	.61095	.55028	.16961	.76456	.80398	.74801	.70021	.32766
.600	-7.070	.66822	.71897	.63391	.57094	.18508	.79022	.82897	.76707	.71491	.33864
.600	-6.088	.69428	.74208	.65190	.58638	.19509	.81498	.85317	.78621	.72980	.34954
.600	-5.106	.71850	.76391	.66934	.60130	.20536	.83753	.87564	.80417	.74355	.35845
.601	-4.134	.73444	.77802	.68018	.61018	.21114	.85292	.89120	.81619	.75248	.36534
.601	-3.169	.74860	.79055	.68889	.61812	.21606	.86721	.90555	.82737	.76120	.37334
.601	-2.214	.75822	.80073	.69581	.61747	.21957	.87720	.91602	.83615	.76759	.37800
.601	-1.261	.76466	.80568	.69648	.62083	.22107	.88472	.92374	.84276	.77280	.38226
.601	-.285	.76426	.80145	.69547	.61960	.21983	.88761	.92742	.84643	.77591	.38621
.600	.713	.76265	.80143	.69370	.61759	.21679	.88939	.93041	.85010	.77936	.38946
.601	1.751	.75408	.79560	.68788	.61076	.21200	.88397	.92606	.84749	.77758	.38942
	GRADIENT	.00335	.00271	.00115	.00008	.00013	.00536	.00602	.00544	.00437	.00411

RUN NO. 1342/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
.799	-8.047	.72714	.77666	.69412	.63155	.23392	.85089	.88887	.83010	.78071	.39626
.800	-7.036	.75533	.80375	.71567	.65020	.24787	.87567	.91413	.84985	.79544	.40726
.800	-6.046	.77958	.82653	.73436	.66616	.25909	.89771	.93623	.86714	.80822	.41540
.800	-5.059	.79926	.84439	.74799	.67760	.26672	.91632	.95478	.88175	.81901	.42387
.800	-4.081	.81614	.85928	.76044	.68751	.27349	.93202	.97125	.89505	.82921	.43155
.800	-3.109	.82842	.87043	.76789	.69346	.27811	.94425	.98398	.90550	.83731	.43944
.800	-2.144	.83764	.87922	.77300	.69448	.28136	.95288	.99311	.91257	.84270	.44283
.800	-1.182	.84228	.88385	.77414	.69551	.28244	.95818	.99959	.91822	.84686	.44615
.800	-.200	.84309	.88029	.77405	.69636	.28191	.96146	1.00372	.92214	.85024	.44946
.800	.797	.84060	.88012	.77214	.69417	.27973	.96104	1.00405	.92332	.85142	.45198
.800	1.824	.83356	.87462	.76665	.68947	.27575	.95643	1.00058	.92132	.85007	.45210
	GRADIENT	.00295	.00239	.00101	.00032	.00037	.00417	.00502	.00449	.00356	.00339

RUN NO. 1330/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
.900	-8.078	.79309	.84013	.75858	.69604	.30476	.91091	.94796	.88921	.83942	.46143
.900	-7.025	.82044	.86621	.77968	.71437	.31815	.93341	.97124	.90682	.85237	.47028
.899	-6.037	.84093	.88604	.79496	.72759	.32693	.95344	.99165	.92299	.86416	.47751
.900	-5.053	.86039	.90402	.80944	.73969	.33522	.97164	1.01033	.93792	.87562	.48665
.900	-4.082	.87492	.91675	.81991	.74786	.34070	.98510	1.02435	.94912	.88375	.49294
.900	-3.110	.88666	.92812	.82714	.75272	.34559	.99658	1.03671	.95921	.89159	.49995
.900	-2.146	.89509	.93604	.83126	.75484	.34843	1.00513	1.04578	.96672	.89727	.50418
.900	-1.188	.89963	.94040	.83328	.75672	.34955	1.00998	1.05157	.97168	.90099	.50680
.900	-.208	.89973	.93617	.83236	.75585	.34822	1.01244	1.05496	.97495	.90360	.50954
.900	.783	.89764	.93645	.83072	.75382	.34597	1.01273	1.05571	.97637	.90512	.51218
.899	1.810	.89086	.93130	.82557	.74886	.34136	1.00880	1.05270	.97467	.90388	.51182
	GRADIENT	.00269	.00218	.00090	.00021	.00008	.00402	.00480	.00433	.00341	.00315

IA310 (AEDC 16TF-783) FAIRING-OFF DATABASE (SCM032) (03 OCT 91)

PARAMETRIC DATA

BETA = -3.000 PHI = 180.000

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

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
1.099	-8.036	.94713	.99123	.91437	.85559	.49823	1.05868	1.09235	1.03733	.99009	.64409
1.100	-6.965	.97300	1.01553	.93372	.87257	1.01074	1.07934	1.11459	1.05421	1.00301	.65289
1.100	-5.978	.99098	1.03269	.94691	.88396	1.01821	1.09627	1.13244	1.06803	1.01294	.66002
1.101	-4.983	1.00735	1.04819	.95888	.89427	1.02486	1.11152	1.14827	1.08051	1.02242	.66680
1.100	-3.997	1.02055	1.06025	.96865	.90192	1.02976	1.12376	1.16105	1.09080	1.02993	.67197
1.100	-3.011	1.03054	1.06991	.97375	.90519	1.03340	1.13298	1.17125	1.09901	1.03605	.67666
1.100	-2.033	1.03807	1.07687	.97828	.90732	1.03632	1.13941	1.17809	1.10477	1.04024	.67920
1.100	-1.052	1.04234	1.08161	.98098	.90977	1.03803	1.14325	1.18292	1.10883	1.04310	.68090
1.099	-.054	1.04252	1.07816	.98242	.91123	1.03776	1.14400	1.18457	1.11037	1.04412	.68173
1.100	.925	1.04178	1.07932	.98021	.90903	1.03725	1.14379	1.18466	1.11102	1.04481	.68318
1.100	1.921	1.03662	1.07522	.97703	.90599	1.03503	1.13970	1.18133	1.10884	1.04319	.68255
GRADIENT		.00424	.00379	.00258	.00167	.00149	.00403	.00476	.00407	.00298	.00221

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

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
1.250	-8.037	1.02069	1.06957	.98826	.92853	.57072	1.12902	1.16709	1.10828	1.05831	.70579
1.250	-7.016	1.04159	1.08934	1.00365	.94115	.57868	1.14844	1.18730	1.12378	1.06917	.71355
1.250	-6.028	1.05968	1.10676	1.01700	.95239	.58592	1.16631	1.20630	1.13859	1.08004	.72167
1.250	-5.043	1.07568	1.12168	1.02901	.96219	.59260	1.18055	1.22070	1.14931	1.08815	.72749
1.250	-4.065	1.08727	1.13226	1.03760	.96841	.59716	1.19049	1.23170	1.15814	1.09484	.73239
1.250	-3.086	1.09725	1.14151	1.04273	.97123	.60156	1.19989	1.24284	1.16745	1.10207	.73753
1.250	-2.115	1.10466	1.14854	1.04693	.97341	.60401	1.20710	1.25063	1.17356	1.10648	.74073
1.250	-1.149	1.10881	1.15304	1.04894	.97579	.60550	1.21148	1.25594	1.17816	1.10993	.74331
1.250	-.160	1.10890	1.14909	1.04867	.97541	.60477	1.21366	1.25884	1.18095	1.11211	.74575
1.250	.833	1.10724	1.14986	1.04700	.97367	.60304	1.21353	1.25917	1.18189	1.11306	.74728
1.250	1.859	1.10155	1.14481	1.04313	.96987	.59994	1.21006	1.25613	1.17996	1.11193	.74744
GRADIENT		.00241	.00197	.00096	.00040	.00043	.00334	.00412	.00368	.00285	.00252

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

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
1.400	-8.024	1.03557	1.10128	1.01156	.94817	.58465	1.15381	1.20525	1.13783	1.08269	.72205
1.400	-7.012	1.05655	1.12213	1.02760	.96171	.59294	1.17319	1.22579	1.15399	1.09454	.73027
1.400	-6.022	1.07308	1.13883	1.04026	.97238	.59958	1.18893	1.24313	1.16728	1.10389	.73705
1.400	-5.035	1.08722	1.15222	1.05124	.98129	.60543	1.20268	1.25866	1.17914	1.11326	.74372
1.400	-4.052	1.09893	1.16352	1.05788	.98534	.60919	1.21371	1.27186	1.18940	1.12063	.74853
1.400	-3.074	1.10838	1.17302	1.06408	.98808	.61222	1.22271	1.28279	1.19798	1.12710	.75300
1.400	-2.101	1.11535	1.18016	1.06741	.99107	.61458	1.22881	1.28989	1.20379	1.13127	.75609
1.400	-1.133	1.11948	1.18460	1.06967	.99289	.61558	1.23298	1.29490	1.20866	1.13533	.75861
1.400	-.146	1.12001	1.17954	1.06985	.99283	.61568	1.23565	1.29877	1.21281	1.13890	.76190
1.400	.846	1.11762	1.18061	1.06664	.98956	.61269	1.23495	1.29868	1.21324	1.13948	.76279
1.400	1.876	1.11156	1.17515	1.06203	.98498	.60982	1.23209	1.29595	1.21116	1.13802	.76292
GRADIENT		.00219	.00177	.00071	.00012	.00013	.00312	.00408	.00379	.00306	.00248

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

(SCM032) (03 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	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
1.450	-8.066	1.02356	1.10546	1.01428	.95151	.59010	1.14620	1.20723	1.13857	1.08347	.72367
1.451	-7.052	1.04254	1.12568	1.02977	.96377	.59742	1.16429	1.22900	1.15541	1.09583	.73264
1.450	-6.070	1.05867	1.14319	1.04245	.97486	.60441	1.17777	1.24612	1.16779	1.10393	.73878
1.450	-5.086	1.07093	1.15523	1.05087	.98038	.60875	1.19003	1.26072	1.17942	1.11309	.74528
1.450	-4.118	1.08044	1.16515	1.05639	.98457	.61208	1.19952	1.27402	1.19042	1.12132	.74937
1.449	-3.146	1.08972	1.17544	1.06248	.98646	.61493	1.20879	1.28614	1.19965	1.12770	.75382
1.450	-2.194	1.09707	1.18417	1.06744	.99039	.61776	1.21582	1.29410	1.20677	1.13371	.75893
1.450	-1.241	1.09964	1.18814	1.06969	.99284	.61812	1.21919	1.29970	1.21278	1.13919	.76179
1.450	-.259	1.09993	1.18216	1.06932	.99208	.61676	1.22276	1.30400	1.21744	1.14290	.76603
1.450	.741	1.09721	1.18247	1.06573	.98809	.61252	1.22340	1.30396	1.21773	1.14341	.76690
1.450	1.777	1.09263	1.17800	1.06097	.98379	.60983	1.22294	1.30228	1.21616	1.14245	.76819
	GRADIENT	.00195	.00181	.00078	.00005	-.00048	.00386	.00473	.00450	.00378	.00327

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

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
1.470	-8.056	1.00018	1.10164	1.00808	.94424	.58404	1.12829	1.21073	1.14047	1.08341	.71823
1.471	-7.049	1.01681	1.12244	1.02427	.95795	.59210	1.14273	1.23105	1.15557	1.09305	.72469
1.471	-6.062	1.03022	1.13836	1.03557	.96781	.59787	1.15472	1.24614	1.16597	1.10063	.73119
1.471	-5.079	1.04002	1.15216	1.04612	.97404	.60346	1.16298	1.25959	1.17639	1.10877	.73705
1.471	-4.102	1.04843	1.16299	1.05206	.97988	.60749	1.17102	1.27189	1.18607	1.11638	.74283
1.470	-3.136	1.05493	1.17236	1.05759	.98212	.60981	1.17669	1.28114	1.19300	1.12154	.74712
1.470	-2.174	1.05772	1.17928	1.06150	.98509	.61099	1.18003	1.28857	1.19890	1.12552	.74983
1.470	-1.219	1.05936	1.18254	1.06286	.98649	.61052	1.18346	1.29320	1.20212	1.12710	.75134
1.471	-.238	1.05918	1.17696	1.06404	.98754	.60985	1.18676	1.29759	1.20649	1.13113	.75599
1.471	.757	1.05678	1.17685	1.06111	.98457	.60692	1.18792	1.29824	1.20776	1.13270	.75858
1.471	1.796	1.05369	1.17393	1.05694	.98087	.60366	1.18781	1.29661	1.20692	1.13225	.75955
	GRADIENT	.00075	.00141	.00086	.00036	-.00068	.00289	.00426	.00362	.00274	.00289

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

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
1.496	-8.059	.98235	1.10535	1.01088	.94765	.58745	1.11553	1.21457	1.14385	1.08747	.72422
1.496	-7.038	.99278	1.12598	1.02682	.96080	.59520	1.12506	1.23597	1.16039	1.09914	.73268
1.495	-6.053	.99624	1.14122	1.03680	.96936	.60038	1.12858	1.25235	1.17232	1.11070	.73804
1.496	-5.073	.99882	1.15537	1.04792	.97489	.60600	1.13022	1.26639	1.18221	1.11402	.74345
1.495	-4.096	.99899	1.16618	1.05309	.97977	.60914	1.13081	1.27786	1.19069	1.12031	.74739
1.495	-3.128	1.00147	1.17804	1.05921	.98336	.61268	1.13219	1.28817	1.19848	1.12598	.75133
1.495	-2.164	.99772	1.18712	1.06366	.98771	.61433	1.12887	1.29458	1.20325	1.12912	.75437
1.495	-1.205	.99460	1.19050	1.06699	.99010	.61517	1.12718	1.29922	1.20732	1.13243	.75708
1.496	-.224	.99209	1.18212	1.06703	.99066	.61415	1.12840	1.30250	1.21080	1.13554	.76026
1.495	.773	.99259	1.18275	1.06505	.98840	.61164	1.13221	1.30370	1.21233	1.13684	.76173
1.496	1.807	.99351	1.18300	1.06070	.98493	.60925	1.13596	1.30316	1.21257	1.13718	.76259
	GRADIENT	-.00144	.00198	.00136	.00098	-.00008	.00056	.00417	.00366	.00286	.00263

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

(SCM032) (03 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	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
1.515	-8.053	.88056	1.08907	.99715	.93590	.57872	1.02331	1.19363	1.12541	1.07004	.71260
1.516	-7.041	.85942	1.11008	1.01326	.94938	.58845	1.00444	1.21468	1.14100	1.08175	.71955
1.516	-6.059	.84198	1.12610	1.02397	.95818	.59398	.98873	1.23320	1.15476	1.09140	.72592
1.516	-5.074	.83033	1.14090	1.02960	.96098	.59847	.97711	1.24799	1.16517	1.09859	.73038
1.516	-4.101	.82504	1.15502	1.03723	.96617	.60292	.97264	1.26258	1.17678	1.10731	.73692
1.516	-3.123	.80526	1.16617	1.04221	.97065	.60545	.95940	1.27436	1.18588	1.11476	.74207
1.516	-2.166	.78635	1.17638	1.04530	.97249	.60658	.94383	1.28258	1.19367	1.12034	.74550
1.515	-1.207	.77387	1.17780	1.04702	.97245	.60576	.93128	1.28883	1.19773	1.12242	.74680
1.515	-.224	.77266	1.16681	1.04574	.97219	.60435	.93256	1.29239	1.20266	1.12658	.75068
1.516	.773	.77059	1.16604	1.04427	.97024	.60198	.93344	1.29267	1.20453	1.12860	.75360
1.515	1.808	.77766	1.17155	1.04040	.96686	.59948	.94506	1.28989	1.20451	1.12943	.75561
	GRADIENT	-.00814	.00143	.00049	.00002	-.00072	-.00525	.00465	.00470	.00364	.00307

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

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
1.543	-8.056	.68265	1.08662	.98981	.93016	.57451	.82755	1.18869	1.11932	1.06476	.71062
1.542	-7.042	.67635	1.10955	1.00077	.93825	.58129	.81685	1.20780	1.13382	1.07510	.71810
1.542	-6.057	.67950	1.13525	1.00678	.94167	.58660	.81744	1.22517	1.14582	1.08370	.72358
1.543	-5.077	.68809	1.16187	1.02003	.94975	.59176	.82398	1.24393	1.15812	1.09267	.72911
1.542	-4.095	.70101	1.18141	1.03240	.95693	.59513	.83564	1.26389	1.16858	1.09976	.73301
1.542	-3.126	.73841	1.15365	1.04642	.96563	.59833	.86541	1.28983	1.17798	1.10583	.73677
1.542	-2.163	.79487	1.06418	1.04871	.97239	.60100	.91185	1.32719	1.18605	1.10968	.73922
1.542	-1.207	.81943	1.04586	1.03957	.97130	.60302	.93218	1.34712	1.19223	1.11412	.74200
1.542	-.222	.82533	1.04409	1.03444	.96754	.60315	.93876	1.35293	1.19672	1.11811	.74539
1.543	.773	.81670	1.04282	1.03068	.96437	.60167	.93385	1.34931	1.19898	1.12057	.74799
1.542	1.807	.78799	1.04430	1.03563	.96427	.59915	.91211	1.33162	1.19720	1.11998	.74758
	GRADIENT	.01614	-.02365	-.00132	.00052	.01419	.01256	.01256	.00502	.00358	.00263

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

(SCMO33) (03 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	CPR	CPC7	CPC8	CPC9	CPC03	CPL	CPC10	CPC11	CPC12	CP04
.600	-8.033	.66199	.71619	.63904	.58025	.20215	.74090	.78232	.72367	.67416	.29727
.599	-7.035	.69299	.74469	.66156	.59938	.21446	.77070	.81112	.74638	.69179	.30985
.600	-6.043	.71922	.76797	.67993	.61518	.22547	.79557	.83504	.76501	.70617	.32132
.600	-5.061	.74060	.78704	.69480	.62755	.23381	.81591	.85518	.78082	.71793	.32891
.600	-4.086	.75900	.80372	.70763	.63835	.24072	.83360	.87252	.79451	.72846	.33608
.600	-3.118	.77244	.81598	.71695	.64458	.24567	.84766	.88663	.80566	.73726	.34383
.600	-2.166	.78240	.82441	.72178	.64664	.24961	.85688	.89610	.81310	.74278	.34698
.600	-1.241	.78809	.82966	.72444	.64823	.25017	.86420	.90418	.82017	.74838	.35144
.600	-.298	.78906	.82884	.72374	.64758	.24860	.86945	.90998	.82597	.75367	.35732
.600	.705	.78493	.82578	.72003	.64438	.24451	.87123	.91269	.82946	.75730	.36125
.600	1.775	.77710	.81758	.71377	.63832	.24014	.86651	.90350	.82808	.75651	.36292
	GRADIENT	.00310	.00236	.00093	-.00002	-.00022	.00579	.00648	.00591	.00496	.00463

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

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPC03	CPL	CPC10	CPC11	CPC12	CP04
.800	-8.015	.75039	.80131	.72086	.65878	.26452	.83161	.87070	.80929	.75790	.36859
.799	-7.008	.77812	.82783	.74218	.67713	.27786	.85592	.89586	.82850	.77224	.37848
.800	-6.016	.80124	.84923	.75911	.69153	.28713	.87855	.91846	.84652	.78561	.38732
.800	-5.030	.82259	.86817	.77411	.70454	.29619	.93715	.96999	.86099	.79659	.39553
.800	-4.045	.83838	.88243	.78509	.71405	.30283	.91243	.95246	.87336	.80598	.40287
.800	-3.070	.85069	.89380	.79248	.72074	.30795	.92442	.96479	.88304	.81298	.40928
.801	-2.112	.85958	.90198	.79846	.72177	.31156	.93344	.97418	.89092	.81902	.41309
.800	-1.170	.86423	.90639	.80034	.72353	.31194	.93877	.98029	.89615	.82306	.41591
.800	-.214	.86447	.90386	.79958	.72274	.31025	.94260	.98454	.90050	.82673	.42029
.800	.787	.86182	.90321	.79677	.72018	.30746	.94371	.98684	.90361	.82984	.42427
.800	1.842	.85449	.89597	.79166	.71494	.30386	.93868	.98291	.90130	.82824	.42479
	GRADIENT	.00272	.00221	.00105	.00007	.00001	.00460	.00531	.00490	.00395	.00377

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

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPC03	CPL	CPC10	CPC11	CPC12	CP04
.900	-8.041	.81560	.86338	.78399	.72229	.33359	.89249	.93066	.86932	.81754	.43473
.900	-6.998	.84084	.88811	.80358	.73912	.34584	.91467	.95371	.88647	.83013	.44327
.899	-6.007	.86216	.90827	.81953	.75271	.35476	.93475	.97440	.90266	.84206	.45039
.900	-5.020	.88102	.92562	.83332	.76414	.36256	.95299	.99264	.91743	.85230	.45948
.900	-4.043	.89595	.93874	.84344	.77304	.36865	.96664	1.00676	.92863	.86164	.46550
.900	-3.068	.90837	.95032	.85185	.77943	.37429	.97824	1.01875	.93833	.86907	.47161
.900	-2.108	.91601	.95741	.85657	.78049	.37680	.98605	1.02707	.94499	.87405	.47425
.900	-1.172	.92078	.96189	.85862	.78258	.37790	.99121	1.03287	.95016	.87800	.47763
.900	-.223	.92107	.95962	.85812	.78180	.37590	.99507	1.03736	.95452	.88175	.48125
.900	.775	.91775	.95818	.85455	.77849	.37316	.99514	1.03865	.95676	.88376	.48506
.900	1.830	.91119	.95187	.85003	.77411	.36934	.99139	1.03571	.95520	.88285	.48540
	GRADIENT	.00251	.00207	.00095	.00008	-.00006	.00427	.00500	.00461	.00369	.00343

(SCM033) (03 OCT 91)

PARAMETRIC DATA

BETA = -2.000 PHI = 180.000

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

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
1.099	-8.010	.96693	1.01163	.93618	.87836	.52308	1.04152	1.07654	1.01917	.97003	.61975
1.100	-6.958	.99149	1.03497	.95509	.89486	.53498	1.06177	1.09799	1.03536	.98208	.62810
1.100	-5.968	1.01016	1.05304	.96889	.90675	.54284	1.08024	1.11716	1.05030	.99313	.63638
1.101	-4.969	1.02632	1.06820	.98113	.91690	.54962	1.09524	1.13275	1.06245	1.00249	.64288
1.100	-3.981	1.03983	1.08065	.99075	.92529	.55528	1.10687	1.14513	1.07226	1.00987	.64811
1.100	-2.981	1.04875	1.08889	.99592	.92807	.55814	1.11614	1.15515	1.08025	1.01579	.65235
1.100	-2.024	1.05712	1.09698	1.00156	.93103	.56221	1.12273	1.16196	1.08566	1.01944	.65388
1.100	-1.048	1.06126	1.10073	1.00389	.93309	.56322	1.12661	1.16653	1.08959	1.02219	.65569
1.100	-.086	1.06170	1.09837	1.00423	.93368	.56259	1.12844	1.16887	1.09175	1.02380	.65735
1.100	.902	1.06029	1.09924	1.00255	.93198	.56185	1.12768	1.16909	1.09276	1.02495	.65904
1.100	1.929	1.05436	1.09364	.99922	.92863	.55931	1.12301	1.16514	1.09006	1.02280	.65833
1.100	GRADIENT	.00414	.00368	.00258	.00163	.00139	.00411	.00476	.00405	.00296	.00218

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

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
1.249	-8.019	1.03986	1.08919	1.00995	.95049	.59439	1.11004	1.14994	1.08869	1.03699	.68109
1.250	-6.997	1.06144	1.10997	1.02611	.96382	.60353	1.13146	1.17213	1.10589	1.04991	.69066
1.250	-6.005	1.07955	1.12702	1.03930	.97484	.61065	1.14931	1.19004	1.11978	1.05998	.69803
1.250	-5.012	1.09480	1.14165	1.05108	.98485	.61776	1.16233	1.20345	1.13014	1.06711	.70351
1.250	-4.030	1.10654	1.15233	1.05928	.99082	.62268	1.17269	1.21495	1.13939	1.07422	.70827
1.250	-3.054	1.11722	1.16202	1.06605	.99485	.62702	1.18289	1.22610	1.14807	1.08097	.71303
1.250	-2.087	1.12405	1.16900	1.06975	.99723	.62967	1.18943	1.23362	1.15389	1.08509	.71566
1.250	-1.140	1.12812	1.17261	1.07153	.99900	.63048	1.19444	1.23927	1.15860	1.08874	.71842
1.250	-.178	1.12844	1.17042	1.07140	.99873	.62946	1.19746	1.24262	1.16172	1.09131	.72170
1.250	.822	1.12555	1.16976	1.06855	.99589	.62694	1.19748	1.24342	1.16341	1.09302	.72430
1.250	1.875	1.12024	1.16421	1.06473	.99235	.62383	1.19384	1.23998	1.16162	1.09200	.72430
1.250	GRADIENT	.00224	.00189	.00082	.00028	.00010	.00365	.00431	.00382	.00304	.00279

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

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
1.400	-8.013	1.05711	1.12337	1.03542	.97255	.60931	1.13288	1.18651	1.11640	1.05987	.69649
1.400	-6.993	1.07692	1.14342	1.05079	.98502	.61670	1.15225	1.20742	1.13275	1.07156	.70466
1.400	-6.001	1.09380	1.15963	1.06349	.99591	.62379	1.16900	1.22496	1.14671	1.08174	.71215
1.400	-5.010	1.10787	1.17400	1.07426	1.00468	.62971	1.18249	1.24037	1.15879	1.09094	.71827
1.400	-4.026	1.11946	1.18475	1.08110	1.00982	.63352	1.19344	1.25301	1.16856	1.09792	.72271
1.400	-3.042	1.13015	1.19516	1.08900	1.01326	.63792	1.20321	1.26390	1.17700	1.10402	.72720
1.400	-2.080	1.13633	1.20179	1.09200	1.01587	.64017	1.20878	1.27062	1.18214	1.10844	.72969
1.400	-1.127	1.13980	1.20485	1.09366	1.01748	.64075	1.21326	1.27732	1.18825	1.11293	.73245
1.400	-.162	1.13996	1.20190	1.09341	1.01671	.63964	1.21628	1.28205	1.19236	1.11640	.73601
1.400	.834	1.13711	1.20147	1.09006	1.01276	.63665	1.21671	1.28289	1.19450	1.11881	.73877
1.400	1.888	1.13162	1.19482	1.08543	1.00840	.63349	1.21331	1.27830	1.19177	1.11723	.73834
1.400	GRADIENT	.00194	.00154	.00058	-.00018	-.00013	.00341	.00454	.00417	.00347	.00278

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

(SCMO33) (03 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	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
1.449	-8.038	1.04584	1.12791	1.03841	.97555	.61509	1.12362	1.18776	1.11729	1.06029	.69801
1.450	-7.021	1.06418	1.14806	1.05318	.98767	.62213	1.14200	1.20980	1.13406	1.07275	.70727
1.450	-6.034	1.07895	1.16421	1.06509	.99748	.62887	1.15542	1.22661	1.14603	1.08070	.71287
1.450	-5.045	1.09208	1.17701	1.07483	1.00438	.63432	1.16823	1.24195	1.15786	1.08982	.71908
1.450	-4.069	1.10462	1.19079	1.08227	1.01103	.63972	1.17924	1.25693	1.17005	1.09899	.72462
1.450	-3.100	1.11275	1.19961	1.08900	1.01367	.64241	1.18692	1.26725	1.17786	1.10415	.72812
1.451	-2.149	1.11849	1.20608	1.09352	1.01763	.64508	1.19259	1.27557	1.18584	1.11075	.73278
1.449	-1.218	1.12019	1.20717	1.09394	1.01805	.64395	1.19651	1.28247	1.19241	1.11553	.73485
1.450	-.273	1.12006	1.20457	1.09304	1.01649	.64113	1.20110	1.28839	1.19667	1.11833	.73929
1.450	.733	1.11685	1.20379	1.08955	1.01259	.63699	1.20266	1.28921	1.19931	1.12165	.74245
1.449	1.801	1.19856	1.19856	1.08556	1.00864	.63404	1.20036	1.28431	1.19725	1.12199	.74351
GRADIENT		.00111	.00108	.00035	-.00041	-.00119	.00378	.00506	.00495	.00409	.00337

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

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
1.471	-8.037	1.02287	1.12479	1.03284	.96970	.60906	1.10511	1.19161	1.11864	1.06008	.69237
1.471	-7.015	1.03909	1.14486	1.04821	.98222	.61629	1.11999	1.21210	1.13350	1.06965	.69916
1.471	-6.025	1.05092	1.15966	1.05948	.99144	.62233	1.13149	1.22783	1.14564	1.07903	.70696
1.471	-5.040	1.06010	1.17330	1.06846	.99785	.62693	1.13931	1.24056	1.15525	1.08640	.71217
1.471	-4.062	1.06980	1.18542	1.07587	1.00340	.63203	1.14677	1.25195	1.16419	1.09311	.71656
1.471	-3.093	1.07405	1.19380	1.08103	1.00633	.63471	1.15010	1.26069	1.17107	1.09796	.72026
1.471	-2.138	1.07863	1.20127	1.08549	1.01010	.63688	1.15507	1.26858	1.17741	1.10206	.72357
1.471	-1.202	1.07797	1.20409	1.08773	1.01190	.63678	1.15648	1.27271	1.18033	1.10351	.72592
1.471	-.253	1.07622	1.20039	1.08788	1.01172	.63407	1.15958	1.27700	1.18453	1.10755	.73028
1.471	.750	1.07336	1.19887	1.08381	1.00746	.63001	1.16258	1.27898	1.18730	1.11145	.73426
1.471	1.818	1.07092	1.19385	1.07926	1.00348	.62658	1.16338	1.27708	1.18601	1.11088	.73465
GRADIENT		-.00004	.00123	.00063	.00012	-.00107	.00291	.00439	.00384	.00314	.00326

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

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
1.495	-8.029	1.00362	1.12831	1.03551	.97273	.61208	1.08917	1.19485	1.12154	1.06372	.69777
1.495	-7.011	1.01080	1.14749	1.04979	.98384	.61853	1.09720	1.21676	1.13849	1.07563	.70673
1.496	-6.021	1.01491	1.16329	1.06167	.99328	.62486	1.10005	1.23287	1.15030	1.08359	.71233
1.496	-5.036	1.01752	1.17753	1.07053	.99923	.63032	1.10267	1.24765	1.16143	1.09208	.71886
1.496	-4.058	1.01808	1.19010	1.07787	1.00433	.63480	1.10166	1.25840	1.16951	1.09810	.72253
1.496	-3.086	1.01456	1.20047	1.08429	1.00934	.63754	1.09771	1.26741	1.17577	1.10191	.72501
1.496	-2.125	1.01202	1.20861	1.08933	1.01375	.63995	1.09559	1.27362	1.18080	1.10528	.72813
1.496	-1.191	1.00602	1.21142	1.09145	1.01550	.64020	1.09216	1.27868	1.18488	1.10846	.73084
1.496	-.239	.99864	1.20570	1.09068	1.01469	.63809	1.09055	1.28285	1.18895	1.11189	.73431
1.496	.762	1.00235	1.20511	1.08817	1.01204	.63587	1.09875	1.28520	1.19203	1.11507	.73745
1.495	1.829	1.00481	1.20284	1.08387	1.00838	.63308	1.10349	1.28344	1.19142	1.11512	.73806
GRADIENT		-.00282	.00161	.00096	.00065	-.00040	.00013	.00438	.00389	.00307	.00284

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

(SCM033) (03 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	CPR	CPC7	CPC8	CPC9	CPC03	CPL	CPC10	CPC11	CPC12	CPC04
1.516	-8.029	.88867	1.11315	1.02291	.96177	.60535	.98075	1.17539	1.10440	1.04737	.68724
1.516	-7.011	.86385	1.13338	1.03738	.97325	.61263	.96033	1.19819	1.12144	1.05988	.69545
1.516	-6.023	.85740	1.15021	1.04960	.98259	.61996	.95209	1.21572	1.13444	1.06914	.70236
1.516	-5.038	.84630	1.16576	1.05467	.98724	.62461	.94034	1.23158	1.14616	1.07814	.70775
1.516	-4.059	.82152	1.17660	1.06069	.99042	.62801	.91802	1.24339	1.15490	1.08428	.71150
1.517	-3.086	.80597	1.19010	1.06688	.99584	.63187	.90487	1.25626	1.16474	1.09150	.71660
1.517	-2.130	.79215	1.20100	1.07098	.99812	.63303	.88959	1.26539	1.17164	1.09579	.71897
1.517	-1.191	.78592	1.20630	1.07451	.99987	.63320	.88517	1.27282	1.17734	1.09997	.72189
1.517	-.239	.78449	1.19420	1.07330	.99920	.63081	.88756	1.27807	1.18301	1.10486	.72694
1.516	.766	.78305	1.19408	1.06965	.99505	.62705	.89248	1.27899	1.18493	1.10723	.73071
1.516	1.831	.78568	1.19547	1.06462	.99081	.62432	.89793	1.27661	1.18460	1.10768	.73256
	GRADIENT	-.00586	.00209	.00068	-.00000	-.00086	-.00313	.00574	.00514	.00404	.00364

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

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPC03	CPL	CPC10	CPC11	CPC12	CPC04
1.542	-8.032	.70017	1.10932	1.01497	.95511	.59858	.79316	1.16911	1.09723	1.04139	.68548
1.542	-7.010	.69436	1.13125	1.02374	.96062	.60447	.78494	1.18870	1.11221	1.05199	.69313
1.542	-6.026	.70196	1.15732	1.03124	.96606	.61040	.79174	1.20896	1.12625	1.06203	.69928
1.542	-5.037	.71180	1.18451	1.04547	.97501	.61597	.80029	1.23099	1.13823	1.07045	.70473
1.542	-4.058	.73680	1.20953	1.05909	.98324	.61954	.82156	1.25728	1.14828	1.07705	.70815
1.542	-3.085	.80876	1.15350	1.07452	.99252	.62271	.88357	1.30681	1.15928	1.08259	.71068
1.542	-2.130	.85077	1.08861	1.07847	.99857	.62576	.92040	1.32726	1.16777	1.08719	.71296
1.542	-1.192	.86714	1.06301	1.07406	.99884	.62668	.93628	1.33302	1.17474	1.09174	.71499
1.542	-.238	.87060	1.05690	1.06860	.99563	.62703	.94320	1.33902	1.18025	1.09622	.71930
1.542	.765	.86406	1.05454	1.06422	.99185	.62473	.94024	1.34717	1.18385	1.10031	.72376
1.542	1.828	.84453	1.06231	1.06559	.98943	.62199	.92354	1.33998	1.18033	1.09879	.72377
	GRADIENT	.01644	-.02443	-.00042	.00050	.00045	.01604	.01241	.00575	.00401	.00280

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

(SCM034) (03 OCT 91)

PARAMETRIC DATA

BETA = -1.000 PHI = 180.000

RUN NO. 1354/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
.600	-8.002	.73945	.66453	.60643	.23063	.71925	.76227	.70090	.64958	.26850	
.599	-6.991	.71663	.68716	.62572	.24297	.75181	.79337	.72576	.66938	.28347	
.600	-6.001	.74269	.70635	.64171	.25377	.77604	.81655	.74378	.68265	.29249	
.600	-5.008	.76478	.72154	.65446	.26355	.79711	.83663	.75930	.69446	.30125	
.600	-4.023	.78009	.73206	.66331	.26979	.81272	.85224	.77150	.70364	.30846	
.600	-3.040	.79677	.74424	.67335	.27722	.82875	.86794	.78421	.71375	.31571	
.601	-2.078	.80628	.74989	.67586	.28086	.83671	.87601	.79058	.71843	.31847	
.600	-1.158	.81242	.75255	.67745	.28149	.84270	.88249	.79613	.72265	.32053	
.601	-.265	.81022	.74827	.67299	.27623	.84903	.88863	.80242	.72875	.32769	
.600	.783	.80409	.74289	.66737	.27080	.85224	.89374	.80851	.73502	.33496	
.601	1.859	.79588	.73670	.66173	.26605	.84652	.88930	.80590	.73324	.33506	
GRADIENT		.00235	.00031	-.00076	-.00109	.00587	.00642	.00600	.00520	.00470	

RUN NO. 1344/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
.800	-7.965	.77308	.82449	.74628	.68481	.29419	.81198	.85229	.78808	.73457	.34072
.800	-6.981	.80030	.84992	.76661	.70269	.30653	.83634	.87676	.80681	.74883	.35083
.800	-5.989	.82497	.87288	.78522	.71872	.31731	.85882	.89943	.82430	.76189	.35857
.800	-4.995	.84449	.89083	.79887	.73069	.32554	.87721	.91781	.83894	.77270	.36728
.800	-4.002	.86017	.90507	.81021	.74040	.33282	.89334	.93349	.85139	.78226	.37473
.801	-3.015	.87211	.91594	.81840	.74637	.33727	.90564	.94615	.86160	.79017	.38054
.800	-2.045	.88096	.92411	.82410	.74907	.34108	.91353	.95405	.86817	.79510	.38366
.800	-1.108	.88639	.92874	.82651	.75121	.34227	.91853	.95987	.87305	.79864	.38583
.800	-.186	.88518	.92652	.82400	.74860	.33863	.92398	.96552	.87866	.80388	.39183
.800	.847	.88025	.92226	.81985	.74383	.33461	.92516	.96786	.88221	.80776	.39700
.800	1.903	.87368	.91571	.81531	.73941	.33041	.91942	.96334	.87923	.80519	.39561
GRADIENT		.00423	.00359	.00221	.00105	.00058	.00625	.00674	.00599	.00486	.00421

RUN NO. 1332/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
.900	-7.989	.83671	.88548	.80807	.74725	.36190	.87336	.91262	.84845	.79452	.40757
.900	-6.968	.86222	.90989	.82782	.76398	.37391	.89623	.93593	.86644	.80783	.41674
.900	-5.973	.88365	.93025	.84401	.77799	.38336	.91613	.95625	.88179	.81929	.42354
.900	-4.982	.90244	.94740	.85767	.78963	.39096	.93335	.97377	.89555	.82980	.43171
.900	-3.996	.91648	.96030	.86763	.79812	.39704	.94793	.98851	.90735	.83892	.43867
.900	-3.007	.92812	.97093	.87548	.80384	.40151	.95940	.99997	.91667	.84579	.44307
.900	-2.037	.93637	.97865	.88086	.80647	.40519	.96702	1.00790	.92308	.85057	.44602
.900	-1.111	.94154	.98292	.88311	.80858	.40683	.97181	1.01300	.92672	.85395	.44836
.900	-.199	.94031	.98097	.88103	.80618	.40315	.97698	1.01874	.93330	.85914	.45406
.900	.834	.93527	.97646	.87643	.80140	.39859	.97795	1.02057	.93637	.86250	.45856
.900	1.889	.92969	.97087	.87312	.79794	.39556	.97333	1.01720	.93454	.86118	.45859
GRADIENT		.00397	.00340	.00208	.00101	.00056	.00595	.00642	.00577	.00466	.00395

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

(SCM034) (03 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	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
1.099	-7.980	.98657	1.03164	.95819	.90129	.54843	1.02426	1.06025	1.00040	.94951	.59511
1.100	-6.950	1.00986	1.05407	.97601	.91681	.55963	1.04443	1.08121	1.01634	.96113	.60338
1.100	-5.949	1.02851	1.07223	.99059	.92890	.56747	1.06280	1.10026	1.03108	.97227	.61194
1.100	-4.954	1.04424	1.08709	1.00233	.93884	.57395	1.07718	1.11520	1.04254	.98074	.61772
1.100	-3.957	1.05682	1.09861	1.01150	.94625	.57869	1.08986	1.12828	1.05303	.98879	.62372
1.100	-2.963	1.06712	1.10778	1.01806	.95091	.58318	1.09935	1.13835	1.06094	.99480	.62745
1.100	-1.981	1.07479	1.11489	1.02289	.95309	.58667	1.10576	1.14500	1.06620	.99844	.62954
1.100	-1.020	1.07965	1.11919	1.02559	.95562	.58861	1.11015	1.14969	1.07006	1.00145	.63107
1.100	-.051	1.07968	1.11862	1.02558	.95557	.58771	1.11267	1.15273	1.00364	1.00364	.63333
1.100	.940	1.07701	1.11632	1.02355	.95339	.58600	1.11148	1.15237	1.07279	1.00467	.63485
1.100	1.963	1.07238	1.11180	1.02089	.95157	.58408	1.10646	1.14828	1.07077	1.00237	.63405
GRADIENT		.00412	.00361	.00261	.00171	.00149	.00432	.00484	.00411	.00315	.00229

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

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
1.250	-7.998	1.05967	1.10939	1.03211	.97296	.61954	1.09168	1.13284	1.06882	1.01553	.65666
1.250	-6.973	1.08139	1.12993	1.04815	.98661	.62851	1.11262	1.15447	1.08555	1.02804	.66588
1.250	-5.978	1.09920	1.14736	1.06158	.99792	.63600	1.13114	1.17310	1.10018	1.03864	.67410
1.250	-4.986	1.11386	1.16118	1.07305	1.00776	.64281	1.14451	1.18639	1.11098	1.04682	.68018
1.250	-3.995	1.12627	1.17280	1.08194	1.01487	.64820	1.15587	1.19832	1.12040	1.05409	.68500
1.250	-3.005	1.13555	1.18174	1.08799	1.02139	.65185	1.16574	1.20896	1.12873	1.06039	.68919
1.250	-2.031	1.14313	1.18889	1.09278	1.02336	.65540	1.17292	1.21631	1.13444	1.06453	.69216
1.250	-1.091	1.14752	1.19304	1.09489	1.02336	.65649	1.17771	1.22167	1.13893	1.06725	.69439
1.250	-.153	1.14629	1.19114	1.09282	1.02100	.65339	1.18109	1.22554	1.14245	1.07057	.69860
1.250	.881	1.14299	1.18815	1.09012	1.01798	.65033	1.18193	1.22698	1.14473	1.07331	.70191
1.250	1.923	1.13798	1.18305	1.08709	1.01517	.64782	1.17771	1.22339	1.14320	1.07210	.70160
GRADIENT		.00349	.00317	.00188	.00093	.00062	.00501	.00554	.00476	.00372	.00322

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

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
1.400	-7.995	1.07809	1.14480	1.05870	.99616	.63389	1.11230	1.16749	1.09517	1.03674	.67147
1.400	-6.970	1.09732	1.16349	1.07309	1.00742	.64103	1.13216	1.18902	1.11185	1.04933	.68044
1.400	-5.975	1.11507	1.18102	1.08681	1.01959	.64910	1.14860	1.20654	1.12544	1.05922	.68723
1.400	-4.984	1.12907	1.19568	1.09831	1.02907	.65511	1.16242	1.22154	1.13763	1.06837	.69329
1.400	-3.993	1.14147	1.20715	1.10565	1.03488	.65916	1.17500	1.23504	1.14810	1.07616	.69842
1.400	-3.001	1.14980	1.21562	1.11159	1.03689	.66294	1.18260	1.24409	1.15515	1.08141	.70157
1.399	-2.026	1.15585	1.22196	1.11521	1.03960	.66523	1.18862	1.25107	1.16054	1.08514	.70384
1.400	-1.080	1.16080	1.22671	1.11760	1.04193	.66653	1.19455	1.25854	1.16676	1.08937	.70648
1.400	-.137	1.16047	1.22466	1.11565	1.03948	.66389	1.19882	1.26343	1.17147	1.09408	.71147
1.399	.891	1.15632	1.22080	1.11170	1.03528	.65998	1.19916	1.26505	1.17461	1.09743	.71464
1.400	1.934	1.15097	1.21465	1.10836	1.03203	.65758	1.19434	1.26023	1.17197	1.09592	.71402
GRADIENT		.00319	.00281	.00139	.00039	.00030	.00482	.00588	.00519	.00414	.00313

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

(SCM034) (03 OCT 91)

PARAMETRIC DATA

BETA = -1.000 PHI = 180.000

RUN NO. 1391/ O RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPC3	CPL	CPC10	CPC11	CPC12	CP04
1.450	-8.006	1.06782	1.14997	1.06166	.99941	.63985	1.10121	1.16866	1.09596	1.03759	.67284
1.450	-6.983	1.08666	1.17054	1.07700	1.01166	.64757	1.12022	1.19065	1.11287	1.04985	.68196
1.450	-5.986	1.10126	1.18594	1.08849	1.02148	.65468	1.13410	1.20707	1.12459	1.05772	.68767
1.450	-5.002	1.11453	1.20020	1.10029	1.03104	.66027	1.14779	1.22366	1.13737	1.06764	.69468
1.450	-4.015	1.12654	1.21241	1.10790	1.03647	.66447	1.15899	1.23820	1.14854	1.07597	.69927
1.449	-3.031	1.13275	1.21946	1.11280	1.03722	.66671	1.16465	1.24698	1.15540	1.08033	.70156
1.450	-2.068	1.13942	1.22610	1.11667	1.04088	.66960	1.17094	1.25633	1.16231	1.08515	.70563
1.450	-1.145	1.14541	1.23165	1.11966	1.04355	.67086	1.1781	1.26587	1.16953	1.08972	.70856
1.450	-.249	1.14387	1.22896	1.11634	1.04014	.66641	1.18451	1.26937	1.17301	1.09390	.71448
1.450	.798	1.13651	1.22390	1.11212	1.03579	.66000	1.18511	1.27231	1.17753	1.09881	.71837
1.450	1.868	1.13136	1.21771	1.10892	1.03279	.65823	1.18073	1.26727	1.17697	1.09983	.71918
	GRADIENT	.00092	.00096	.00002	-.00057	-.00132	.00436	.00551	.00514	.00431	.00376

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

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPC3	CPL	CPC10	CPC11	CPC12	CP04
1.471	-8.006	1.04562	1.14709	1.05732	.99428	.63360	1.08142	1.17168	1.09650	1.03612	.66678
1.471	-6.978	1.06095	1.16533	1.07081	1.00511	.63978	1.09710	1.19275	1.11187	1.04684	.67483
1.471	-5.986	1.07321	1.18175	1.08339	1.01577	.64691	1.10876	1.20834	1.12344	1.05559	.68139
1.471	-4.996	1.08230	1.19484	1.09283	1.02335	.65143	1.11688	1.22147	1.13351	1.06328	.68664
1.471	-4.009	1.09047	1.20621	1.09944	1.02728	.65596	1.12307	1.23226	1.14262	1.07057	.69101
1.471	-3.025	1.09630	1.21567	1.10477	1.02948	.65895	1.12863	1.24266	1.15081	1.07617	.69507
1.471	-2.059	1.09742	1.22073	1.10738	1.03217	.66099	1.12928	1.24818	1.15514	1.07829	.69739
1.470	-1.132	1.09708	1.22438	1.11014	1.03445	.66211	1.12943	1.25176	1.15708	1.07871	.69920
1.471	-.228	1.09591	1.22244	1.11018	1.03465	.65889	1.13619	1.25787	1.16266	1.08394	.70526
1.471	.818	1.09085	1.21858	1.10574	1.02981	.65360	1.13996	1.26131	1.16809	1.09018	.71087
1.471	1.885	1.08800	1.21311	1.10105	1.02581	.65098	1.13936	1.25771	1.16567	1.08866	.71047
	GRADIENT	.00049	.00259	.00130	.00056	-.00019	.00324	.00547	.00477	.00367	.00365

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

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPC3	CPL	CPC10	CPC11	CPC12	CP04
1.495	-8.005	1.02459	1.15035	1.05931	.99644	.63624	1.06381	1.17592	1.10048	1.04092	.67346
1.496	-6.983	1.03290	1.16964	1.07392	1.00823	.64367	1.07178	1.19729	1.11672	1.05251	.68181
1.495	-5.985	1.03739	1.18567	1.08606	1.01785	.65014	1.07513	1.21380	1.12886	1.06088	.68720
1.495	-4.995	1.03698	1.19905	1.09560	1.02586	.65516	1.07521	1.22774	1.13944	1.06893	.69338
1.496	-4.007	1.03765	1.21301	1.10320	1.03034	.65972	1.07470	1.23995	1.14895	1.07640	.69814
1.495	-3.027	1.03362	1.22293	1.10941	1.03475	.66360	1.06940	1.24876	1.15522	1.07999	.70079
1.496	-2.055	1.02621	1.22817	1.11263	1.03793	.66581	1.06240	1.25407	1.15895	1.08192	.70274
1.496	-1.125	1.02286	1.23219	1.11545	1.04046	.66716	1.05992	1.25949	1.16326	1.08476	.70513
1.496	-.215	1.01580	1.22814	1.11259	1.03781	.66334	1.06189	1.26376	1.16755	1.08858	.70919
1.496	.831	1.01525	1.22490	1.10911	1.03431	.65997	1.06833	1.26663	1.17160	1.09302	.71334
1.496	1.895	1.01987	1.22061	1.10538	1.03089	.65758	1.07418	1.26445	1.17111	1.09321	.71424
	GRADIENT	-.00350	.00279	.00133	.00080	-.00022	-.00075	.00537	.00459	.00344	.00305

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

(SCM034) (03 OCT 91)

PARAMETRIC DATA

BETA = -1.000 PHI = 180.000

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

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
1.517	-8.000	.90213	1.13717	1.04831	.98697	.63157	.94355	1.15815	1.08449	1.02583	.66359
1.517	-6.983	.88116	1.15687	1.06213	.99839	.63872	.92424	1.18044	1.10123	1.03810	.67195
1.517	-5.985	.86969	1.17444	1.07440	1.00822	.64499	.91252	1.19859	1.11391	1.04710	.67852
1.517	-4.996	.85743	1.18822	1.07969	1.01263	.65045	.89876	1.21284	1.12495	1.05561	.68360
1.517	-4.008	.83513	1.20024	1.08731	1.01717	.65536	.87719	1.22676	1.13571	1.06301	.68826
1.516	-3.022	.81484	1.21264	1.09217	1.02090	.65721	.85730	1.23814	1.14267	1.06676	.69070
1.517	-2.055	.81200	1.22519	1.09915	1.02636	.66011	.85443	1.24938	1.15002	1.07220	.69405
1.517	-1.125	.82269	1.23088	1.10327	1.02909	.66096	.86208	1.25864	1.15517	1.07587	.69599
1.516	-.215	.83781	1.21566	1.09891	1.02435	.65560	.87980	1.26652	1.16092	1.08042	.70142
1.516	.830	.80454	1.22016	1.09422	1.01920	.65167	.85743	1.26551	1.16534	1.08576	.70789
1.517	1.895	.79978	1.21625	1.08867	1.01474	.64860	.85886	1.26019	1.16376	1.08562	.70978
	GRADIENT	-.00591	.00378	.00146	.00044	-.00044	-.00375	.00753	.00585	.00450	.00386

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

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
1.542	-8.004	.72276	1.13167	1.03925	.97920	.62304	.76429	1.15049	1.07594	1.01860	.66163
1.542	-6.982	.71985	1.15363	1.04872	.98608	.62987	.75926	1.17146	1.09176	1.03023	.66904
1.542	-5.990	.72776	1.17815	1.05637	.99202	.63569	.76731	1.19294	1.10487	1.03868	.67411
1.543	-4.995	.73985	1.20472	1.06386	1.00015	.64084	.77937	1.21858	1.11762	1.04736	.67964
1.542	-4.008	.78273	1.24004	1.08529	1.00998	.64448	.81913	1.25710	1.12861	1.05443	.68336
1.543	-3.022	.85579	1.20233	1.10045	1.01835	.64892	.88722	1.28768	1.14270	1.06144	.68677
1.542	-2.055	.88638	1.13761	1.10715	1.02404	.65125	.91645	1.25936	1.15077	1.06553	.68791
1.542	-1.125	.90616	1.09855	1.10815	1.02578	.65171	.93536	1.23403	1.15748	1.06968	.68916
1.543	-.215	.90862	1.07756	1.10116	1.02130	.65098	.94388	1.24585	1.16363	1.07495	.69445
1.543	.829	.89922	1.07384	1.09619	1.01690	.64747	.93941	1.25737	1.16749	1.07973	.69918
1.554	1.896	.87936	1.09333	1.09525	1.01369	.64461	.92147	1.29924	1.16348	1.07779	.69881
	GRADIENT	.02111	-.02457	.00286	.00169	.00057	.02170	.00631	.00712	.00468	.00290

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

(SCMO35) (03 OCT 91)

PARAMETRIC DATA

BETA = .000 PHI = 180.000

RUN NO. 1355/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
.599	-7.963	.70979	.76341	.69070	.63358	.26005	.69917	.74293	.67885	.62584	.24100
.600	-6.956	.73793	.78947	.71120	.65039	.27193	.72754	.76963	.69966	.64132	.25323
.600	-5.955	.76615	.81524	.73151	.66764	.28398	.75572	.79671	.72116	.65815	.26413
.600	-4.953	.78693	.83387	.74606	.68003	.29230	.77662	.81667	.73684	.67004	.27320
.601	-3.951	.80424	.84963	.75856	.69097	.30030	.79441	.83371	.75035	.68052	.28171
.600	-2.948	.81712	.86111	.76775	.69816	.30428	.80722	.84609	.75956	.68758	.28539
.601	-1.942	.82756	.87085	.77507	.70241	.30935	.81640	.85554	.76788	.69420	.29066
.601	-.922	.83374	.87586	.77906	.70531	.31152	.82264	.86180	.77290	.69745	.29325
.600	.192	.82862	.87004	.77094	.69541	.30122	.83137	.87112	.78253	.70677	.30349
.600	.869	.82462	.86638	.76855	.69403	.29903	.83171	.87235	.78475	.70958	.30630
.600	2.006	.81493	.85676	.76071	.68740	.29219	.82495	.86693	.78147	.70709	.30555
GRADIENT		.00412	.00336	.00203	.00081	-.00014	.00728	.00755	.00672	.00560	.00488

RUN NO. 1345/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
.800	-7.968	.79667	.84789	.77222	.71210	.32470	.78975	.83080	.76381	.70833	.31018
.800	-6.952	.82344	.87315	.79214	.72953	.33653	.81601	.85695	.78425	.72385	.32189
.800	-5.951	.84581	.89405	.80829	.74321	.34560	.83836	.87929	.80149	.73719	.32992
.800	-4.950	.86598	.91285	.82334	.75634	.35460	.85786	.89870	.81682	.74902	.33942
.800	-3.955	.88096	.92655	.83413	.76572	.36144	.87306	.91375	.82868	.75811	.34649
.800	-2.948	.89327	.93796	.84332	.77328	.36738	.88601	.92605	.83906	.76634	.35240
.800	-1.946	.90190	.94691	.84966	.77659	.37050	.89520	.93544	.84679	.77217	.35611
.800	-.933	.90728	.95117	.85288	.77890	.37264	.90041	.94107	.85137	.77510	.35847
.800	.019	.90185	.94530	.84507	.77052	.36327	.90839	.94949	.86048	.78413	.36926
.800	1.009	.89899	.94216	.84343	.76883	.36131	.90607	.94794	.85992	.78405	.36901
.799	2.003	.89311	.93618	.83965	.76586	.35812	.89998	.94347	.85699	.78174	.36759
GRADIENT		.00375	.00323	.00205	.00093	.00018	.00639	.00673	.00608	.00498	.00435

RUN NO. 1333/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
.900	-7.958	.85869	.90747	.83279	.77280	.39105	.85110	.89120	.82459	.76827	.37652
.900	-6.932	.88335	.93133	.85185	.78923	.40260	.87608	.91606	.84387	.78329	.38848
.900	-5.938	.90466	.95124	.86733	.80253	.41087	.89669	.93668	.85987	.79532	.39541
.900	-4.939	.92314	.96834	.88117	.81410	.41871	.91475	.95506	.87425	.80638	.40450
.900	-3.940	.93709	.98126	.89110	.82282	.42502	.92897	.96936	.88554	.81528	.41097
.900	-2.935	.94803	.99174	.89935	.82948	.42935	.94014	.98058	.89458	.82243	.41526
.900	-1.929	.95589	.99946	.90494	.83238	.43293	.94896	.98930	.90200	.82816	.41972
.900	-.918	.96086	1.00398	.90820	.83486	.43486	.95369	.99458	.90615	.83082	.42154
GRADIENT		.00937	.00890	.00675	.00510	.00400	.00973	.00984	.00798	.00614	.00426

(SCM035) (03 OCT 91)

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

PARAMETRIC DATA

BETA = .000 PHI = 180.000

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

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
1.100	-7.946	1.00616	1.05118	.97965	.92347	.57367	1.00609	1.04321	.98089	.92847	.57070
1.100	-6.933	1.02885	1.07344	.99770	.93922	.58509	1.02688	1.06378	.99669	.93998	.57874
1.100	-5.936	1.04693	1.09086	1.01178	.95090	.59253	1.04512	1.08222	1.01092	.95042	.58646
1.100	-4.941	1.06263	1.10587	1.02331	.96065	.59911	1.06038	1.09764	1.02302	.95954	.59327
1.100	-3.935	1.07493	1.11700	1.03250	.96791	.60394	1.07178	1.11000	1.03259	.96693	.59826
1.100	-2.935	1.08495	1.12627	1.03928	.97335	.60848	1.08257	1.12106	1.04159	.97416	.60337
1.100	-1.940	1.09176	1.13300	1.04404	.97603	.61143	1.08963	1.12799	1.04707	.97813	.60581
1.100	-.936	1.09658	1.13726	1.04737	.97847	.61327	1.09385	1.13297	1.05113	.98067	.60748
1.100	.059	1.09711	1.13731	1.04639	.97718	.61126	1.09565	1.13544	1.05364	.98290	.60989
1.100	.985	1.09376	1.13392	1.04458	.97549	.60991	1.09420	1.13446	1.05362	.98316	.61069
1.100	2.007	1.08949	1.12944	1.04178	.97370	.60830	1.08945	1.13021	1.05064	.98070	.60925
GRADIENT		.00391	.00347	.00259	.00173	.00126	.00433	.00480	.00408	.00311	.00235

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

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
1.250	-7.973	1.07803	1.12682	1.05197	.99363	.64244	1.07351	1.11517	1.04920	.99396	.63248
1.250	-6.948	1.10024	1.14847	1.06927	1.00847	.65269	1.09411	1.13631	1.06517	1.00576	.64090
1.250	-5.950	1.11754	1.16564	1.08239	1.01965	.65994	1.11250	1.15493	1.07956	1.01675	.64926
1.250	-4.947	1.13206	1.17991	1.09432	1.03004	.66673	1.12653	1.16898	1.09104	1.02523	.65606
1.250	-3.951	1.14416	1.19123	1.10322	1.03723	.67205	1.13777	1.18016	1.09991	1.03212	.66062
1.250	-2.948	1.15364	1.20037	1.11002	1.04195	.67577	1.14831	1.19100	1.10857	1.03867	.66494
1.250	-1.946	1.16136	1.20775	1.11529	1.04480	.67964	1.15642	1.19935	1.11539	1.04375	.66876
1.250	-.941	1.16587	1.21184	1.11804	1.04692	.68115	1.16031	1.20410	1.11909	1.04604	.67054
1.250	-.074	1.16262	1.20950	1.11449	1.04301	.67619	1.16446	1.20822	1.12383	1.05102	.67656
1.250	.987	1.15909	1.20509	1.11084	1.03912	.67195	1.16505	1.20981	1.12621	1.05366	.67984
1.249	2.026	1.15506	1.20059	1.10841	1.03753	.67050	1.15936	1.20426	1.12224	1.05037	.67721
GRADIENT		.00321	.00295	.00184	.00081	.00035	.00503	.00542	.00480	.00388	.00337

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

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
1.400	-7.977	1.09919	1.16490	1.08103	1.01865	.65829	1.09353	1.14924	1.07504	1.01510	.64816
1.400	-6.948	1.11944	1.18512	1.09630	1.03184	.66746	1.11177	1.16934	1.08992	1.02562	.65513
1.400	-5.951	1.13535	1.20155	1.10930	1.04298	.67422	1.12825	1.18740	1.10386	1.03614	.66253
1.400	-4.954	1.14998	1.21691	1.12135	1.05263	.68041	1.14278	1.20275	1.11600	1.04523	.66852
1.400	-3.952	1.16180	1.22799	1.12915	1.05892	.68475	1.15385	1.21463	1.12560	1.05249	.67258
1.400	-2.954	1.17055	1.23671	1.13541	1.06223	.68916	1.16368	1.22514	1.13399	1.05883	.67684
1.401	-1.948	1.17624	1.24303	1.13987	1.06514	.69111	1.17059	1.23260	1.13966	1.06231	.67928
1.400	-.948	1.18174	1.24878	1.14363	1.06815	.69272	1.17586	1.23902	1.14468	1.06569	.68132
1.400	.055	1.17785	1.24353	1.13649	1.06065	.68526	1.18113	1.24605	1.15279	1.06916	.68916
1.399	1.005	1.17556	1.24074	1.13457	1.05830	.68350	1.18006	1.24559	1.15314	1.07466	.68980
1.400	2.022	1.16959	1.23398	1.13042	1.05494	.68166	1.17416	1.23955	1.14949	1.07240	.68878
GRADIENT		.00280	.00252	.00117	.00014	-.00008	.00489	.00577	.00519	.00419	.00319

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

(SCMO35) (03 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	CPR	CPC7	CPC8	CPC9	CPC3	CPL	CPC10	CPC11	CPC12	CPC04
1.450	-7.974	1.09144	1.17277	1.08595	1.02409	.66562	1.08156	1.15081	1.07561	1.01560	.64893
1.450	-6.945	1.10881	1.19189	1.10013	1.03529	.67306	1.09792	1.17076	1.09072	1.02634	.65643
1.450	-5.947	1.12321	1.20640	1.11204	1.04560	.67965	1.11388	1.18806	1.10369	1.03580	.66313
1.449	-4.945	1.13602	1.22139	1.12402	1.05506	.68473	1.12557	1.20245	1.11437	1.04323	.66779
1.450	-3.946	1.14861	1.23371	1.13162	1.06046	.68905	1.13744	1.21731	1.12556	1.05190	.67310
1.450	-2.942	1.15531	1.24079	1.13683	1.06230	.69266	1.14522	1.22851	1.13472	1.05847	.67741
1.450	-1.938	1.16117	1.24820	1.14231	1.06653	.69479	1.15145	1.23683	1.14059	1.06152	.67978
1.450	-.920	1.16928	1.25607	1.14670	1.07002	.69725	1.15862	1.24578	1.14668	1.06572	.68222
1.450	-.095	1.15943	1.24795	1.13717	1.06114	.68784	1.16605	1.25038	1.15470	1.07529	.69286
1.450	.993	1.15764	1.24620	1.13501	1.05785	.68396	1.16761	1.25341	1.15715	1.07711	.69479
1.449	2.018	1.15003	1.23666	1.12988	1.05382	.68165	1.15879	1.24471	1.15206	1.07400	.69273
	GRADIENT	.00199	.00241	.00078	-.00025	-.00069	.00544	.00665	.00586	.00476	.00398

RUN NO. 1437/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPC3	CPL	CPC10	CPC11	CPC12	CPC04
1.471	-7.972	1.06833	1.16803	1.08033	1.01737	.65768	1.05978	1.15262	1.07589	1.01387	.64321
1.471	-6.943	1.08475	1.18724	1.09470	1.02930	.66552	1.07464	1.17246	1.08976	1.02330	.64974
1.471	-5.951	1.09629	1.20336	1.10692	1.04004	.67327	1.08589	1.18856	1.10199	1.03265	.65677
1.471	-4.948	1.10512	1.21671	1.11633	1.04743	.67629	1.09456	1.20134	1.11146	1.03984	.66144
1.471	-3.946	1.11210	1.22703	1.12195	1.05014	.68061	1.10099	1.21287	1.12065	1.04752	.66613
1.471	-2.942	1.11711	1.23494	1.12666	1.05217	.68445	1.10584	1.22277	1.12853	1.05229	.66939
1.471	-1.944	1.11884	1.24093	1.13148	1.05666	.68752	1.10779	1.23023	1.13468	1.05613	.67224
1.471	-.923	1.12054	1.24526	1.13479	1.05964	.68876	1.10912	1.23346	1.13721	1.05788	.67409
1.471	-.078	1.11255	1.23718	1.12672	1.05202	.68018	1.11942	1.24328	1.14637	1.06668	.68485
1.471	1.009	1.11031	1.23585	1.12627	1.05098	.67711	1.11999	1.24271	1.14688	1.06763	.68670
1.471	2.019	1.10893	1.23173	1.12367	1.04836	.67470	1.11803	1.23773	1.14328	1.06484	.68517
	GRADIENT	.00008	.00194	.00093	.00017	-.00047	.00361	.00562	.00492	.00384	.00380

RUN NO. 1404/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPC3	CPL	CPC10	CPC11	CPC12	CPC04
1.496	-7.973	1.04842	1.17211	1.08304	1.02014	.66117	1.04154	1.15664	1.07925	1.01835	.64968
1.496	-6.944	1.05612	1.19166	1.09770	1.03220	.66915	1.04715	1.17715	1.09446	1.02907	.65669
1.496	-5.947	1.05861	1.20633	1.10849	1.04160	.67500	1.05029	1.19416	1.10720	1.03815	.66282
1.496	-4.949	1.06040	1.22178	1.11993	1.05108	.68124	1.05068	1.20770	1.11695	1.04535	.66771
1.496	-3.947	1.06084	1.23547	1.12831	1.05567	.68619	1.05048	1.22167	1.12845	1.05438	.67419
1.495	-2.944	1.05408	1.24228	1.13233	1.05794	.68843	1.04390	1.22969	1.13418	1.05736	.67644
1.496	-1.941	1.04718	1.24764	1.13584	1.06152	.69121	1.03670	1.23595	1.13839	1.05984	.67912
1.496	-.935	1.04115	1.25109	1.13789	1.06315	.69252	1.03001	1.24009	1.14126	1.06174	.68058
1.496	-.063	1.03569	1.25086	1.13750	1.06309	.69125	1.02968	1.24344	1.14403	1.06344	.68248
1.496	1.124	1.03736	1.24969	1.13653	1.06155	.69070	1.02862	1.24233	1.14418	1.06418	.68342
1.496	2.030	1.04066	1.24587	1.13565	1.06091	.69130	1.02762	1.23506	1.13830	1.05865	.67839
	GRADIENT	-.00377	.00320	.00301	.00137	.00122	-.00381	.00405	.00310	.00193	.00168

(SCM035) (03 OCT 91)

PARAMETRIC DATA

BETA = .000 PHI = 180.000

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

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
1.517	-7.973	.92325	1.16101	1.07296	1.01212	.65724	.91272	1.14115	1.06491	1.00479	.64101
1.517	-6.944	.90314	1.18127	1.08749	1.02421	.66490	.89100	1.16222	1.07974	1.01519	.64777
1.517	-5.948	.89239	1.19712	1.09888	1.03351	.67040	.88113	1.18005	1.09290	1.02489	.65471
1.518	-4.950	.87138	1.21060	1.10532	1.03909	.67683	.85854	1.19459	1.10404	1.03349	.65989
1.517	-3.948	.85005	1.22129	1.11248	1.04243	.68045	.83671	1.20817	1.11423	1.03970	.66431
1.518	-2.945	.83496	1.23500	1.12023	1.04911	.68407	.82395	1.22272	1.12336	1.04543	.66833
1.517	-1.942	.82954	1.24519	1.12483	1.05231	.68559	.81962	1.23361	1.12832	1.04826	.67008
1.517	-.928	.96748	1.25935	1.13374	1.05752	.68794	.96254	1.23382	1.13523	1.05273	.67180
1.517	-.115	1.00836	1.23141	1.13001	1.05135	.68090	1.01428	1.24576	1.14727	1.06289	.68147
1.517	.978	.94208	1.23943	1.12244	1.04520	.67496	.94875	1.25828	1.14865	1.06694	.68734
1.517	2.017	.82329	1.23673	1.11422	1.04081	.67423	.83073	1.24361	1.14270	1.06311	.68458
1.517	GRADIENT	.00906	.00340	.00181	.00046	-.00063	.01263	.00798	.00626	.00481	.00395

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

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
1.543	-7.971	.75217	1.15490	1.06433	1.00491	.64964	.73373	1.13116	1.05360	.99477	.63687
1.543	-6.949	.74870	1.17580	1.07478	1.01260	.65571	.73446	1.15315	1.06957	1.00696	.64403
1.543	-5.946	.75791	1.19900	1.08332	1.01964	.66248	.74581	1.17838	1.08535	1.01702	.65058
1.543	-4.944	.76646	1.22172	1.09460	1.02599	.66680	.75858	1.20555	1.09760	1.02492	.65576
1.543	-3.948	.82039	1.26566	1.11114	1.03720	.67210	.81165	1.25044	1.11046	1.03280	.66023
1.543	-2.945	.88186	1.26555	1.12305	1.04241	.67455	.87487	1.21616	1.12566	1.04025	.66302
1.543	-1.942	.91391	1.21698	1.13209	1.04890	.67751	.90683	1.15761	1.13322	1.04540	.66565
1.543	-.927	.93440	1.17905	1.13701	1.05192	.67883	.92680	1.12269	1.13623	1.04798	.66699
1.543	-.116	.93280	1.12769	1.12826	1.04360	.67281	.93887	1.14941	1.14760	1.05727	.67306
1.543	1.001	.92557	1.12946	1.12487	1.04027	.66970	.93315	1.17632	1.15070	1.06040	.67763
1.543	2.012	.90387	1.16675	1.12071	1.03705	.66817	.90899	1.21302	1.14534	1.05668	.67478
1.542	GRADIENT	.02003	-.01812	.00330	.00121	-.00007	.02255	-.00665	.00727	.00498	.00303

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

(SCM036) (03 OCT 91)

PARAMETRIC DATA

BETA = .000 PHI = 180.000

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

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
.900	-7.958	.85791	.90714	.83197	.77244	.39077	.85201	.89177	.82540	.76977	.37812
.900	-6.937	.88239	.93092	.85081	.78879	.40199	.87630	.91607	.84395	.78408	.38890
.900	-5.938	.90463	.95204	.86764	.80341	.41217	.89698	.93710	.86040	.79641	.39645
.900	-4.934	.92214	.96802	.87995	.81369	.41862	.91431	.95437	.87371	.80643	.40457
.900	-3.935	.93704	.98201	.89147	.82375	.42611	.92878	.96919	.88547	.81563	.41139
.900	-2.935	.94726	.99179	.89875	.82957	.42984	.94024	.98067	.89481	.82333	.41635
.900	-1.929	.95506	.99939	.90409	.83216	.43271	.94843	.98859	.90143	.82807	.41926
.900	-.918	.96109	1.00474	.90841	.83573	.43587	.95409	.99482	.90664	.83182	.42259
.900	.038	.95523	.99834	.90045	.82723	.42653	.96090	1.00239	.91482	.83972	.43145
.900	.980	.95177	.99433	.89773	.82412	.42347	.96019	1.00205	.91562	.84103	.43334
.900	2.008	.94696	.98948	.89493	.82230	.42150	.95334	.99644	.91152	.83755	.43061
	GRADIENT	.00336	.00288	.00177	.00073	.00002	.00601	.00639	.00579	.00479	.00410

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

(SCM037) (03 OCT 91)

PARAMETRIC DATA

BETA = 1.000 PHI = 180.000

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

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
.599	-7.940	.73029	.78328	.71368	.65663	.28693	.67818	.72271	.65613	.60199	.21502
.600	-6.915	.76055	.81214	.73653	.67617	.30053	.70801	.75156	.67900	.61943	.22787
.599	-5.911	.78580	.83441	.75341	.69043	.30952	.73322	.77445	.69644	.63223	.23425
.600	-4.906	.80918	.85580	.77099	.70587	.32168	.75731	.79715	.71480	.64651	.24697
.600	-3.889	.82501	.87003	.78198	.71540	.32747	.77348	.81261	.72653	.65542	.25318
.600	-2.869	.83825	.88263	.79217	.72370	.33262	.78705	.82585	.73722	.66368	.25844
.601	-1.831	.84870	.89149	.80012	.72947	.33708	.79921	.83743	.74756	.67215	.26544
.601	-.777	.85141	.89333	.80051	.72886	.33585	.80537	.84388	.75286	.67590	.26922
.601	.297	.84872	.88950	.79506	.72219	.32996	.80987	.84841	.75781	.68029	.27384
.600	1.188	.84257	.88443	.79043	.71772	.32421	.81113	.85042	.76134	.68427	.27878
.600	2.118	.83572	.87781	.78588	.71504	.32105	.80384	.84466	.75723	.68116	.27678
	GRADIENT	.00369	.00298	.00188	.00087	-.00032	.00698	.00705	.00636	.00521	.00456

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

(SCMO37) (03 OCT 91)

PARAMETRIC DATA

BETA = 1.000 PHI = 180.000

RUN NO. 1346/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
.800	-7.940	.81752	.86805	.79476	.73621	.35245	.76872	.81044	.74128	.68355	.28202
.800	-6.922	.84369	.89238	.81445	.75331	.36387	.79604	.83696	.76222	.69974	.29460
.800	-5.920	.86675	.91479	.83174	.76815	.37470	.81890	.85952	.77963	.71342	.30315
.800	-4.914	.88698	.93374	.84667	.78096	.38324	.83882	.87895	.79465	.72502	.31201
.800	-3.906	.90111	.94737	.85732	.79031	.39018	.85407	.89443	.80685	.73458	.31982
.800	-2.889	.91218	.95791	.86614	.79709	.39418	.86660	.90658	.81678	.74271	.32511
.801	-1.867	.92065	.96591	.87278	.80166	.39838	.87624	.91602	.82508	.74923	.33064
.800	-.834	.92517	.96947	.87515	.80277	.39806	.88246	.92307	.83072	.75326	.33387
.800	.218	.92408	.96760	.87174	.79838	.39445	.88560	.92593	.83426	.75616	.33692
.800	1.129	.91892	.96254	.86779	.79490	.38928	.88544	.92649	.83574	.75816	.33945
.800	2.084	.91255	.95643	.86349	.79229	.38665	.87855	.92089	.83176	.75517	.33784
	GRADIENT	.00370	.00321	.00227	.00129	.00026	.00594	.00618	.00550	.00444	.00377

RUN NO. 1336/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
.900	-7.943	.87779	.92695	.85427	.79609	.41815	.83171	.87233	.80338	.74639	.35097
.900	-6.915	.90199	.95004	.87232	.81184	.42869	.85578	.89581	.82176	.75967	.36131
.900	-5.910	.92342	.97091	.88905	.82610	.43847	.87685	.91675	.83795	.77207	.36843
.900	-4.905	.94178	.98798	.90263	.83773	.44621	.89575	.93536	.85252	.78380	.37803
.900	-3.894	.95540	1.00069	.91260	.84650	.45231	.91003	.94979	.86366	.79240	.38470
.901	-2.879	.96600	1.01151	.92117	.85372	.45718	.92206	.96176	.87371	.80050	.39069
.900	-1.852	.97364	1.01868	.92699	.85741	.46010	.93117	.97075	.88148	.80657	.39514
.900	-.819	.97726	1.02141	.92872	.85791	.45933	.93624	.97690	.88633	.80985	.39780
.900	.231	.97634	1.01999	.92563	.85397	.45600	.93932	.97993	.88996	.81301	.40124
.900	1.141	.97139	1.01499	.92180	.85070	.45130	.93882	.98013	.89096	.81459	.40349
.900	2.095	.96530	1.00907	.91776	.84821	.44873	.93272	.97496	.88742	.81179	.40197
	GRADIENT	.00335	.00297	.00201	.00116	.00012	.00548	.00583	.00517	.00414	.00351

RUN NO. 1325/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
1.100	-7.949	1.02422	1.06945	1.00034	.94523	.59907	.98673	1.02419	.95953	.90571	.54541
1.100	-6.926	1.04638	1.09062	1.01717	.95934	.60901	1.00908	1.04641	.97718	.91897	.55521
1.100	-5.948	1.06313	1.10736	1.03032	.97049	.61555	1.02666	1.06395	.99067	.92906	.56214
1.100	-4.924	1.08009	1.12324	1.04344	.98149	.62334	1.04308	1.08051	1.00372	.93921	.56983
1.100	-3.925	1.09231	1.13443	1.05229	.98886	.62803	1.05546	1.09262	1.01331	.94613	.57468
1.100	-2.919	1.10140	1.14362	1.05925	.99478	.63224	1.06554	1.10321	1.02209	.95334	.57956
1.100	-1.912	1.10782	1.14929	1.06382	.99734	.63479	1.07292	1.11021	1.02769	.95744	.58253
1.100	-.917	1.11230	1.15334	1.06695	.99972	.63575	1.07799	1.11655	1.03269	.96099	.58545
1.100	0.089	1.11325	1.15377	1.06626	.99814	.63471	1.07884	1.11720	1.03390	.96172	.58591
1.100	1.052	1.11085	1.15132	1.06507	.99754	.63327	1.07741	1.11636	1.03340	.96135	.58594
1.100	2.026	1.10593	1.14624	1.06174	.99600	.63145	1.07201	1.11135	1.02981	.95841	.58404
	GRADIENT	.00377	.00337	.00260	.00189	.00110	.00429	.00460	.00389	.00287	.00213

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

(SCM037) (03 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	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
1.250	-7.949	1.09742	1.14578	1.07325	1.01592	.66726	1.05617	1.09760	1.02964	.97291	.60955
1.250	-6.928	1.11817	1.16659	1.08940	1.02978	.67660	1.07597	1.11808	1.04517	.98410	.61742
1.250	-5.920	1.13590	1.18411	1.10323	1.04131	.68406	1.09456	1.13721	1.05981	.99518	.62548
1.250	-4.923	1.14997	1.19762	1.11453	1.05086	.69030	1.10874	1.15119	1.07092	1.00387	.63195
1.250	-3.909	1.16211	1.20936	1.12402	1.05861	.69559	1.12066	1.16290	1.08038	1.01130	.63726
1.250	-2.895	1.17107	1.21831	1.13040	1.06368	.69918	1.13124	1.17355	1.08893	1.01799	.64209
1.250	-1.882	1.17779	1.22472	1.13554	1.06685	.70229	1.13918	1.18179	1.09588	1.02291	.64626
1.250	-.860	1.18177	1.22801	1.13694	1.06716	.70234	1.14416	1.18752	1.10054	1.02620	.64915
1.250	.186	1.18165	1.22746	1.13559	1.06521	.70025	1.14627	1.18937	1.10287	1.02814	.65153
1.250	1.122	1.17764	1.22358	1.13302	1.06298	.69649	1.14559	1.18914	1.10338	1.02921	.65325
1.250	2.079	1.17258	1.21867	1.12993	1.06121	.69461	1.14120	1.18497	1.10100	1.02784	.65277
GRADIENT		.00325	.00298	.00203	.00119	.00046	.00479	.00501	.00443	.00346	.00305

RUN NO. 1382/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
1.399	-7.955	1.12012	1.18457	1.10270	1.04120	.68327	1.07309	1.12947	1.05338	.99178	.62396
1.400	-6.930	1.13976	1.20454	1.11763	1.05389	.69136	1.09252	1.15016	1.06903	1.00325	.63182
1.400	-5.923	1.15597	1.22150	1.13145	1.06617	.69893	1.10942	1.16823	1.08274	1.01358	.63887
1.400	-4.921	1.16873	1.23595	1.14301	1.07514	.70417	1.12253	1.18276	1.09393	1.02112	.64384
1.400	-3.914	1.18128	1.24748	1.15140	1.08180	.70941	1.13497	1.19562	1.10394	1.02998	.64879
1.400	-2.905	1.18928	1.25541	1.15711	1.08527	.71245	1.14495	1.20680	1.11293	1.03640	.65296
1.400	-1.890	1.19446	1.26162	1.16253	1.08867	.71497	1.15163	1.21414	1.11917	1.04039	.65629
1.400	-.870	1.19929	1.26637	1.16446	1.08956	.71544	1.15711	1.21992	1.12408	1.04393	.65927
1.400	.172	1.19924	1.26501	1.16213	1.08683	.71281	1.15950	1.22266	1.12725	1.04596	.66177
1.400	1.117	1.19505	1.26052	1.15884	1.08339	.70914	1.15877	1.22327	1.12897	1.04919	.66407
1.400	2.073	1.18893	1.25370	1.15455	1.08063	.70701	1.15388	1.21818	1.12642	1.04757	.66335
GRADIENT		.00293	.00267	.00162	.00063	.00025	.00462	.00523	.00476	.00368	.00288

RUN NO. 1394/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
1.450	-7.943	1.11219	1.19216	1.10748	1.04603	.68933	1.06042	1.13040	1.05303	.99173	.62432
1.450	-6.906	1.13149	1.21237	1.12267	1.05846	.69825	1.07846	1.15174	1.06930	1.00382	.63238
1.450	-5.901	1.14550	1.22748	1.13502	1.06882	.70461	1.09367	1.16946	1.08313	1.01391	.63895
1.450	-4.896	1.15707	1.24180	1.14655	1.07761	.70913	1.10548	1.18312	1.09327	1.02127	.64362
1.450	-3.882	1.16959	1.25378	1.15417	1.08358	.71365	1.11715	1.19701	1.10354	1.02864	.64817
1.450	-2.864	1.17605	1.26064	1.15958	1.08627	.71678	1.12581	1.20934	1.11381	1.03599	.65298
1.450	-1.834	1.18099	1.26766	1.16566	1.09105	.71930	1.13247	1.21726	1.12063	1.04060	.65631
1.450	-.781	1.18622	1.27353	1.16622	1.09042	.71942	1.13834	1.22354	1.12551	1.04462	.65931
1.450	.281	1.18619	1.27127	1.16279	1.08666	.71667	1.14416	1.22775	1.12877	1.04792	.66466
1.450	1.175	1.17960	1.26835	1.16099	1.08355	.71206	1.14391	1.22872	1.13123	1.05052	.66836
1.450	2.113	1.17115	1.25758	1.15482	1.07940	.70892	1.13780	1.22252	1.12831	1.04876	.66764
GRADIENT		.00223	.00266	.00124	.00018	-.00009	.00501	.00589	.00514	.00405	.00363

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

(SCM037) (03 OCT 91)

PARAMETRIC DATA

BETA = 1.000 PHI = 180.000

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

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPC3	CPL	CPC10	CPC11	CPC12	CPC04
1.471	-7.882	1.09253	1.19023	1.10416	1.04176	1.68349	1.03838	1.13310	1.05418	.99064	.61888
1.471	-6.913	1.10774	1.20787	1.11687	1.05243	.69024	1.05356	1.15308	1.06908	1.00156	.62606
1.471	-5.908	1.11881	1.22384	1.12914	1.06295	.69667	1.06477	1.16853	1.08037	1.01015	.63194
1.471	-4.903	1.12895	1.23752	1.13955	1.07156	.70220	1.07531	1.18324	1.09158	1.01871	.63865
1.471	-3.888	1.13452	1.24664	1.14452	1.07420	.70577	1.08112	1.19398	1.09959	1.02487	.64225
1.471	-2.871	1.13914	1.25414	1.14952	1.07588	.70904	1.08624	1.20464	1.10795	1.03050	.64648
1.471	-1.843	1.14143	1.25991	1.15467	1.08044	.71168	1.09012	1.21341	1.11470	1.03520	.65059
1.471	-.800	1.14042	1.26280	1.15656	1.08182	.71178	1.09131	1.21824	1.11906	1.03859	.65296
1.471	.260	1.13785	1.25946	1.15149	1.07615	.70728	1.09528	1.22020	1.12210	1.04186	.65673
1.471	1.159	1.13329	1.25528	1.14786	1.07269	.70302	1.09689	1.22162	1.12280	1.04193	.65985
1.471	2.104	1.13116	1.25091	1.14692	1.07216	.70087	1.09675	1.21786	1.12091	1.04096	.65951
	GRADIENT	.00008	.00188	.00092	.00001	-.00031	.00305	.00514	.00437	.00331	.00316

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

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPC3	CPL	CPC10	CPC11	CPC12	CPC04
1.496	-7.947	1.07184	1.19248	1.10503	1.04295	.68605	1.01914	1.13630	1.05707	.99483	.62498
1.496	-6.916	1.08030	1.21265	1.12004	1.05551	.69421	1.02543	1.15745	1.07300	1.00656	.63308
1.496	-5.906	1.08351	1.22795	1.13208	1.06596	.70043	1.02872	1.17490	1.08602	1.01635	.63900
1.496	-4.902	1.08502	1.24262	1.14325	1.07525	.70602	1.03038	1.18927	1.09690	1.02419	.64446
1.496	-3.892	1.08563	1.25513	1.15150	1.08007	.71064	1.02940	1.20135	1.10607	1.03062	.64867
1.496	-2.878	1.08050	1.26155	1.15592	1.08178	.71312	1.02537	1.21240	1.11414	1.03592	.65312
1.496	-1.852	1.07330	1.26641	1.15877	1.08461	.71514	1.01882	1.22045	1.11975	1.03991	.65645
1.496	-.814	1.06605	1.26855	1.15933	1.08499	.71457	1.01321	1.22416	1.12365	1.04322	.65900
1.496	.247	1.06131	1.26632	1.15642	1.08182	.71171	1.01456	1.22720	1.12752	1.04672	.66237
1.496	1.157	1.05970	1.26154	1.15243	1.07790	.70809	1.01862	1.22846	1.12869	1.04744	.66404
1.496	2.104	1.06116	1.25652	1.14940	1.07511	.70604	1.02294	1.22469	1.12697	1.04612	.66341
	GRADIENT	-.00429	.00179	.00061	-.00011	-.00019	-.00173	.00513	.00436	.00324	.00284

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

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPC3	CPL	CPC10	CPC11	CPC12	CPC04
1.517	-7.947	.94371	1.18281	1.09638	1.03616	.68215	.88097	1.12223	1.04415	.98285	.61779
1.518	-6.916	.92657	1.20360	1.11153	1.04871	.68957	.86240	1.14504	1.06011	.99441	.62586
1.517	-5.913	.91445	1.21877	1.12288	1.05786	.69560	.84978	1.16205	1.07180	1.00300	.63113
1.518	-4.902	.89202	1.23185	1.13027	1.06449	.70156	.82660	1.17740	1.08398	1.01160	.63743
1.518	-3.893	.86683	1.24346	1.13814	1.06819	.70568	.79850	1.19080	1.09335	1.01737	.64136
1.517	-2.908	.85346	1.25440	1.14478	1.07400	.70882	.79046	1.20637	1.10254	1.02324	.64538
1.518	-1.853	.84880	1.26426	1.14946	1.07741	.71125	.79008	1.21919	1.10962	1.02811	.64883
1.518	-.808	.85963	1.27167	1.15177	1.07801	.70955	.81047	1.22141	1.11467	1.03254	.65243
1.518	.246	.95125	1.28516	1.15304	1.07634	.70523	.92092	1.19871	1.11577	1.03668	.65584
1.518	1.157	.86933	1.26714	1.14473	1.07062	.70009	.83193	1.22892	1.12082	1.03852	.65838
1.518	2.102	.84435	1.25413	1.13830	1.06569	.69813	.80271	1.22332	1.11801	1.03689	.65843
	GRADIENT	.00001	.00450	.00141	.00035	-.00074	.00510	.00577	.00504	.00388	.00316

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

(SCMO37) (03 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	CPR	CPC7	CPC8	CPC9	CPC3	CPL	CPC10	CPC11	CPC12	CPO4
1.543	-7.946	.77642	1.17505	1.08674	1.02772	.67336	.71366	1.11293	1.03296	.97295	.61474
1.543	-6.915	.77396	1.19552	1.09964	1.03812	.68029	.71170	1.13536	1.04876	.98503	.62128
1.543	-5.911	.78074	1.21584	1.10672	1.04361	.68647	.72261	1.16261	1.06368	.99350	.62711
1.542	-4.907	.78999	1.23719	1.11815	1.05046	.69208	.73655	1.19032	1.07711	1.00213	.63253
1.554	-3.893	.83063	1.27035	1.13176	1.05989	.69649	.78064	1.22440	1.08987	1.01004	.63651
1.554	-2.878	.89542	1.31379	1.14312	1.06525	.69866	.85225	1.14767	1.10635	1.01934	.64038
1.554	-1.847	.92457	1.30363	1.15123	1.07029	.70091	.88396	1.09491	1.10980	1.02459	.64394
1.543	-.811	.94116	1.27808	1.15417	1.07137	.70028	.90287	1.07224	1.10982	1.02683	.64646
1.543	.246	.94524	1.25425	1.15203	1.06849	.69717	.91029	1.07398	1.11320	1.02978	.64953
1.554	1.160	.93516	1.24748	1.14669	1.06372	.69290	.90371	1.09264	1.12137	1.03428	.64979
1.554	2.101	.91636	1.26987	1.13989	1.05874	.69103	.88486	1.13099	1.12240	1.03294	.64904
	GRADIENT	.01875	-.00107	.00308	.00107	-.00034	.02198	-.01579	.00585	.00439	.00251

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

(SCMO38) (03 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	CPR	CPC7	CPC8	CPC9	CPC3	CPL	CPC10	CPC11	CPC12	CPO4
.599	-7.904	.75223	.80530	.73785	.68190	.31527	.65520	.70072	.63190	.57564	.18577
.599	-6.881	.78264	.83273	.75960	.70064	.32886	.68657	.72988	.65468	.59347	.20058
.600	-5.867	.80808	.85588	.77774	.71602	.33963	.71285	.75404	.67373	.60814	.20898
.600	-4.858	.82932	.87529	.79306	.72910	.34830	.73564	.77568	.69093	.62164	.21972
.600	-3.840	.84565	.88953	.80468	.73972	.35507	.75213	.79119	.70281	.63093	.22540
.600	-2.811	.85803	.90060	.81426	.74753	.35984	.76649	.80439	.71377	.63934	.23219
.601	-1.776	.86584	.90768	.81970	.75157	.36105	.77730	.81538	.72248	.64603	.23775
.601	-.745	.86999	.91155	.82234	.75135	.36135	.78495	.82265	.72989	.65134	.24237
.600	.265	.86814	.90954	.81950	.74953	.35870	.78767	.82567	.73319	.65433	.24520
.600	1.223	.86460	.90590	.81629	.74657	.35433	.78708	.82612	.73410	.65533	.24632
.600	2.191	.85668	.89811	.81007	.74138	.35012	.78131	.82101	.73109	.65404	.24655
	GRADIENT	.00383	.00325	.00234	.00154	.00009	.00671	-.00667	.00596	.00472	.00397

(SCM038) (03 OCT 91)

PARAMETRIC DATA

BETA = 2.000 PHI = 180.000

GRADIENT INTERVAL = -5.00/ 5.00

RN/L = 2.50

GRADIENT INTERVAL = -5.00/ 5.00

RUN NO. 1347/ O

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
.800	-7.919	.83804	.88787	.81729	.76020	.38100	.74776	.79006	.71834	.65937	.25427
.800	-6.895	.86448	.91313	.83755	.77775	.39346	.77463	.81533	.73811	.67937	.26639
.800	-5.889	.88711	.93467	.85444	.79200	.40259	.79861	.83857	.75653	.68853	.27506
.800	-4.881	.90581	.95242	.86840	.80353	.41039	.81830	.85778	.77126	.70025	.28462
.801	-3.865	.92150	.96721	.88047	.81447	.41858	.83460	.87356	.78403	.71052	.29253
.800	-2.851	.93212	.97754	.89906	.82111	.42254	.84657	.88578	.79369	.71801	.29704
.800	-1.828	.93932	.98428	.89452	.82523	.42467	.85655	.89626	.80211	.72468	.30279
.800	-.810	.94285	.98722	.89637	.82620	.42487	.86266	.90224	.80792	.72871	.30662
.800	.191	.94216	.98626	.89489	.82390	.42260	.86479	.90339	.81054	.73094	.30888
.800	1.155	.93893	.98284	.89211	.82135	.41923	.86320	.90353	.81023	.73081	.30926
.799	2.140	.93185	.97569	.88625	.81676	.41456	.85743	.89842	.80697	.72872	.30794
	GRADIENT	.00362	.00323	.00242	.00164	.00041	.00569	.00587	.00521	.00409	.00340

GRADIENT INTERVAL = -5.00/ 5.00

RN/L = 2.50

GRADIENT INTERVAL = -5.00/ 5.00

RUN NO. 1337/ O

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
.900	-7.896	.90077	.94882	.87864	.82191	.44819	.81078	.85148	.77960	.72060	.32189
.900	-6.892	.92195	.96940	.89436	.83535	.45586	.83617	.87626	.79563	.73631	.33445
.900	-5.884	.94308	.98996	.91069	.84924	.46525	.85810	.89760	.81659	.74978	.34272
.900	-4.866	.96038	1.00648	.92345	.86004	.47256	.87647	.91554	.83072	.76010	.35142
.900	-3.856	.97409	1.01954	.93404	.86906	.47862	.89081	.92945	.84166	.76880	.35742
.900	-2.837	.98465	1.02982	.94272	.87638	.48362	.90289	.94176	.85154	.77724	.36328
.900	-1.812	.99141	1.03635	.94809	.88054	.48598	.91221	.95156	.85949	.78315	.36837
.900	-.794	.99452	1.03899	.94988	.88122	.48582	.91765	.95735	.86475	.78670	.37158
.900	.206	.99416	1.03834	.94863	.87932	.48379	.92009	.95847	.86752	.78920	.37396
.900	1.169	.99108	1.03496	.94587	.87699	.48074	.91861	.95866	.86728	.78912	.37460
.900	2.144	.98494	1.02880	.94083	.87267	.47692	.91398	.95458	.86499	.78799	.37440
	GRADIENT	.00345	.00313	.00240	.00165	.00051	.00547	.00566	.00502	.00400	.00335

GRADIENT INTERVAL = -5.00/ 5.00

RN/L = 2.50

GRADIENT INTERVAL = -5.00/ 5.00

RUN NO. 1326/ O

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
1.099	-7.940	1.04249	1.08699	1.02035	.96603	.62392	.96850	1.00577	.93905	.88357	.52113
1.100	-6.917	1.06377	1.10771	1.03668	.98006	.63307	.99049	1.02794	.95638	.89694	.53094
1.101	-5.915	1.08224	1.12527	1.05089	.99229	.64120	1.01004	1.04688	.97155	.90854	.53941
1.100	-4.909	1.09653	1.13930	1.06200	1.00136	.64654	1.02514	1.06189	.98315	.91725	.54565
1.100	-3.914	1.10931	1.15148	1.07175	1.00971	.65230	1.03820	1.07456	.99326	.92519	.55104
1.100	-2.910	1.11860	1.16052	1.07899	1.01614	.65654	1.04873	1.08527	1.00201	.93226	.55559
1.100	-1.907	1.12472	1.16637	1.08383	1.01991	.65848	1.05660	1.09340	1.00878	.93713	.55935
1.100	-.921	1.12828	1.16988	1.08637	1.02147	.65926	1.06105	1.09834	1.01283	.93986	.56154
1.100	.066	1.12957	1.17072	1.08691	1.02144	.65908	1.06239	1.09737	1.01376	.94059	.56210
1.100	1.035	1.12743	1.16853	1.08542	1.02028	.65762	1.05966	1.09712	1.01241	.93892	.56053
1.100	2.039	1.12293	1.16377	1.08205	1.01781	.65597	1.05491	1.09293	1.00972	.93694	.55949
	GRADIENT	.00375	.00350	.00283	.00223	.00122	.00435	.00447	.00386	.00282	.00200

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

(SCM038) (03 OCT 91)

PARAMETRIC DATA

BETA = 2.000 PHI = 180.000

RUN NO. 1372/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
1.249	-7.933	1.11583	1.16360	1.09344	1.03730	.69174	1.03674	1.07848	1.00903	.95038	.58512
1.250	-6.901	1.13655	1.18447	1.10963	1.05077	.70059	1.05784	1.09970	1.02532	.96235	.59370
1.250	-5.895	1.15428	1.20190	1.12350	1.06254	.70815	1.07632	1.11846	1.03928	.97359	.60202
1.251	-4.885	1.16840	1.21563	1.13487	1.07243	.71472	1.09163	1.13390	1.05138	.98290	.60899
1.250	-3.881	1.17927	1.22640	1.14376	1.07919	.71897	1.10295	1.14479	1.06005	.98957	.61366
1.251	-2.865	1.18869	1.23535	1.15050	1.08517	.72315	1.11323	1.15502	1.06839	.99630	.61869
1.250	-1.850	1.19434	1.24084	1.15479	1.08820	.72452	1.12118	1.16337	1.07519	1.00087	.62250
1.250	-.841	1.19761	1.24399	1.15673	1.08874	.72476	1.12619	1.16896	1.07963	1.00393	.62560
1.250	.160	1.19778	1.24392	1.15586	1.08708	.72329	1.12761	1.16840	1.08114	1.00540	.62701
1.249	1.132	1.19558	1.24152	1.15455	1.08636	.72135	1.12634	1.16911	1.08115	1.00549	.62737
1.250	2.124	1.18931	1.23522	1.14980	1.08281	.71786	1.12188	1.16513	1.07887	1.00419	.62678
GRADIENT		.00309	.00289	.00211	.00137	.00042	.00449	.00460	.00406	.00308	.00263

RUN NO. 1383/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
1.400	-7.936	1.14188	1.20506	1.12522	1.06483	.70894	1.05230	1.10969	1.03149	.96818	.59968
1.400	-6.910	1.16119	1.22475	1.14014	1.07734	.71697	1.07280	1.13082	1.04774	.98045	.60805
1.400	-5.900	1.17620	1.24083	1.15342	1.08859	.72361	1.08939	1.14843	1.06141	.99075	.61508
1.400	-4.897	1.18932	1.25547	1.16501	1.09798	.72928	1.10405	1.16354	1.07286	1.00015	.62090
1.400	-3.883	1.20026	1.26604	1.17282	1.10407	.73360	1.11488	1.17534	1.08196	1.00657	.62504
1.400	-2.875	1.20918	1.27426	1.17931	1.10926	.73773	1.12493	1.18658	1.09134	1.01327	.62942
1.400	-1.860	1.21385	1.27952	1.18402	1.11276	.73914	1.13255	1.19560	1.09825	1.01816	.63345
1.400	-.854	1.21640	1.28315	1.18593	1.11260	.73894	1.13701	1.20058	1.10253	1.02132	.63580
1.400	.146	1.21743	1.28384	1.18545	1.11140	.73826	1.13936	1.20074	1.10525	1.02477	.63845
1.399	1.119	1.21425	1.27958	1.18249	1.10906	.73518	1.13706	1.20133	1.10499	1.02394	.63790
1.400	2.113	1.20900	1.27311	1.17785	1.10611	.73306	1.13407	1.19868	1.10452	1.02442	.63894
GRADIENT		.00281	.00267	.00190	.00106	.00043	.00440	.00505	.00456	.00349	.00262

RUN NO. 1395/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
1.449	-7.907	1.13522	1.21300	1.13105	1.06971	.71547	1.03866	1.10952	1.03005	.96714	.59885
1.449	-6.875	1.15232	1.23160	1.14427	1.08005	.72235	1.05625	1.12966	1.04521	.97834	.60629
1.450	-5.863	1.16620	1.24619	1.15591	1.09066	.72841	1.07171	1.14825	1.05953	.98907	.61337
1.450	-4.848	1.17994	1.26232	1.16956	1.10167	.73509	1.08669	1.16383	1.07186	.99891	.62009
1.450	-3.831	1.19086	1.27371	1.17662	1.10696	.73893	1.09728	1.17668	1.08201	1.00621	.62458
1.450	-2.807	1.19896	1.28029	1.18222	1.11089	.74257	1.10679	1.18912	1.09154	1.01244	.62873
1.450	-1.777	1.20169	1.28587	1.18797	1.11579	.74469	1.11293	1.19874	1.09967	1.01828	.63328
1.450	-.748	1.20281	1.29005	1.18942	1.11440	.74323	1.11672	1.20199	1.10349	1.02120	.63568
1.450	.258	1.20243	1.29070	1.18837	1.11234	.74180	1.11991	1.20273	1.10588	1.02404	.63916
1.450	1.219	1.19918	1.28571	1.18593	1.11075	.73849	1.11931	1.20456	1.10682	1.02510	.64114
1.449	2.188	1.19164	1.27591	1.17764	1.10458	.73431	1.11539	1.20049	1.10529	1.02421	.64142
GRADIENT		.00162	.00229	.00148	.00052	-.00012	.00421	.00523	.00480	.00367	.00314

IA310 (AEDC 16TF-783) FAIRING-OFF DATABASE (SCM038) (03 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	CPR	CPC7	CPC8	CPC9	CPC3	CPL	CPC10	CPC11	CPC12	CPC4
1.471	-7.914	1.11593	1.21046	1.12684	1.06516	.70894	1.01697	1.11164	1.03077	.96627	.59380
1.471	-6.874	1.13171	1.22852	1.13931	1.07572	.71507	1.03291	1.13289	1.04723	.97855	.60210
1.471	-5.871	1.14225	1.24356	1.15115	1.08571	.72118	1.04428	1.14870	1.05926	.98772	.60797
1.471	-4.859	1.15050	1.25646	1.16078	1.09314	.72636	1.05436	1.16288	1.07020	.99632	.61430
1.471	-3.843	1.15797	1.26652	1.16745	1.09762	.73100	1.06189	1.17498	1.07910	1.00317	.61853
1.471	-2.823	1.16270	1.27395	1.17282	1.10027	.73399	1.06777	1.18522	1.08702	1.00819	.62250
1.471	-1.794	1.16423	1.27839	1.17631	1.10327	.73524	1.07131	1.19473	1.09347	1.01264	.62615
1.471	-.767	1.16311	1.27984	1.17736	1.10346	.73490	1.07376	1.19874	1.09789	1.01621	.62935
1.471	.237	1.16059	1.27798	1.17462	1.09987	.73157	1.07540	1.19820	1.09984	1.01841	.63187
1.471	1.199	1.15913	1.27556	1.17246	1.09751	.72874	1.07646	1.20154	1.10065	1.01854	.63379
1.471	2.176	1.15606	1.27002	1.16951	1.09582	.72556	1.07688	1.19668	1.09877	1.01751	.63479
	GRADIENT	.00046	.00184	.00111	.00022	-.00028	.00303	.00490	.00416	.00308	.00297

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

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPC3	CPL	CPC10	CPC11	CPC12	CPC4
1.496	-7.918	1.09798	1.21464	1.12903	1.06754	.71209	.99868	1.11673	1.03550	.97186	.60122
1.496	-6.885	1.10770	1.23403	1.14356	1.07997	.72028	1.00602	1.13662	1.05046	.98290	.60866
1.496	-5.877	1.11033	1.24855	1.15516	1.08978	.72579	1.00940	1.15478	1.06442	.99392	.61537
1.496	-4.860	1.11436	1.26315	1.16712	1.09984	.73143	1.01463	1.17080	1.07676	1.00332	.62198
1.496	-3.851	1.11121	1.27397	1.17410	1.10426	.73456	1.01131	1.18135	1.08436	1.00806	.62457
1.496	-2.829	1.10907	1.28126	1.17917	1.10586	.73773	1.00932	1.19357	1.09281	1.01350	.62883
1.496	-1.803	1.09996	1.28460	1.18065	1.10726	.73849	1.00178	1.20327	1.09911	1.01779	.63228
1.496	-.781	1.09712	1.28673	1.18157	1.10762	.73825	1.00119	1.20522	1.10370	1.02182	.63574
1.496	.222	1.09319	1.28510	1.17943	1.10537	.73534	1.00069	1.20530	1.10478	1.02309	.63713
1.496	1.186	1.09286	1.28169	1.17695	1.10288	.73380	1.00330	1.20863	1.10580	1.02305	.63766
1.496	2.167	1.09385	1.27624	1.17282	1.09910	.73063	1.00823	1.20507	1.10436	1.02210	.63795
	GRADIENT	-.00339	.00173	.00068	-.00014	-.00015	-.00133	.00492	.00405	.00284	.00244

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

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPC3	CPL	CPC10	CPC11	CPC12	CPC4
1.518	-7.914	.97797	1.20494	1.12064	1.06073	.70769	.86142	1.10181	1.02138	.95866	.59302
1.518	-6.885	.95673	1.22463	1.13488	1.07257	.71470	.83845	1.12490	1.03823	.97184	.60224
1.518	-5.877	.94722	1.24110	1.14721	1.08241	.72173	.82850	1.14364	1.05120	.98198	.60842
1.518	-4.862	.92206	1.25146	1.15395	1.08826	.72575	.80416	1.15876	1.06296	.98952	.61405
1.518	-3.851	.89754	1.26396	1.16227	1.09287	.73055	.77650	1.17318	1.07152	.99416	.61771
1.519	-2.830	.88215	1.27382	1.16912	1.09847	.73473	.76596	1.18925	1.08070	1.00026	.62263
1.518	-1.803	.87815	1.28216	1.17348	1.10144	.73513	.76867	1.20073	1.08920	1.00647	.62710
1.517	-.783	.87081	1.28478	1.17251	1.09996	.73194	.76979	1.19583	1.09147	1.00850	.62829
1.517	.224	.87343	1.28546	1.17208	1.09901	.72974	.77993	1.19019	1.09057	1.01002	.63035
1.518	1.185	.86959	1.28130	1.16924	1.09634	.72682	.77601	1.20482	1.09618	1.01261	.63237
1.518	2.165	.87113	1.27235	1.16349	1.09130	.72424	.77649	1.20260	1.09460	1.01212	.63347
	GRADIENT	-.00629	.00323	.00132	-.00048	-.00055	-.00183	.00549	.00447	.00334	.00279

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

(SCM038) (03 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	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
1.543	-7.916	.80811	1.19623	1.11093	1.05201	.69885	.69273	1.09328	1.01092	.94973	.59128
1.542	-6.884	.79961	1.21438	1.12321	1.06217	.70500	.68851	1.11572	1.02606	.96124	.59791
1.543	-5.876	.80679	1.23370	1.13195	1.06924	.71182	.69835	1.14410	1.04173	.97015	.60430
1.543	-4.865	.81320	1.25229	1.14108	1.07423	.71719	.71290	1.17250	1.05580	.97931	.61031
1.543	-3.851	.83005	1.27335	1.15096	1.08095	.72097	.73762	1.19343	1.06859	.98696	.61438
1.543	-2.829	.89813	1.32026	1.16309	1.08869	.72372	.81412	1.10583	1.08402	.99681	.61810
1.543	-1.804	.92645	1.34264	1.16853	1.09184	.72427	.84968	1.06326	1.08038	1.00068	.62151
1.543	-.780	.94220	1.34870	1.17143	1.09263	.72504	.86843	1.05235	1.07727	1.00176	.62423
1.543	.223	.94603	1.34373	1.16983	1.09022	.72267	.87498	1.05327	1.08000	1.00467	.62613
1.543	1.187	.93960	1.33776	1.16584	1.08695	.71946	.86895	1.06010	1.08684	1.00806	.62527
1.542	2.165	.91990	1.33004	1.15798	1.08113	.71578	.84919	1.08439	1.09548	1.00841	.62352
	GRADIENT	.01731	.01123	.00259	.00101	-.00022	.02156	-.01730	.00418	.00396	.00207

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

(SCM039) (03 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	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
.600	-7.870	.77453	.82553	.76097	.70659	.34533	.63447	.67908	.60828	.55030	.16022
.600	-6.847	.80373	.85309	.78272	.72514	.35701	.66455	.70720	.62999	.56694	.17176
.600	-5.836	.82955	.87660	.80139	.74130	.36726	.69116	.73238	.64943	.58263	.18120
.601	-4.820	.85043	.89471	.81602	.75362	.37575	.71345	.75306	.66559	.59515	.19177
.601	-3.798	.86526	.90821	.82636	.76270	.38164	.73069	.76933	.67854	.60554	.19912
.601	-2.772	.87853	.92078	.83696	.77154	.38685	.74526	.78327	.69080	.61496	.20481
.600	-1.746	.88604	.92759	.84330	.77588	.38922	.75622	.79400	.69972	.62170	.21113
.601	-.728	.88963	.93049	.84434	.77708	.38919	.76308	.79987	.70552	.62606	.21468
.601	.283	.88631	.92705	.84062	.77302	.38557	.76376	.79907	.70691	.62736	.21682
.601	1.256	.88332	.92366	.83781	.77033	.38244	.76322	.80078	.70735	.62787	.21804
.601	2.230	.87609	.91707	.83256	.76561	.37842	.75705	.79528	.70347	.62570	.21638
	GRADIENT	.00354	.00305	.00222	.00153	.00024	.00629	.00600	.00549	.00435	.00363

(SCMO39) (03 OCT 91)

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	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
.800	-7.894	.85862	.90719	.83927	.78354	.40888	.72594	.76839	.69427	.63341	.22575
.800	-6.871	.88422	.93170	.85889	.80045	.42045	.75380	.79450	.71478	.64954	.23846
.800	-5.863	.90602	.95338	.87615	.82383	.42983	.77680	.81642	.73222	.66313	.24638
.800	-4.855	.92541	.97152	.89059	.82674	.43852	.79715	.83607	.74771	.67474	.25663
.800	-3.840	.93973	.98481	.90084	.83599	.44459	.81311	.85134	.76021	.68538	.26396
.800	-2.821	.95081	.99303	.90983	.84329	.44938	.82573	.86366	.77020	.69338	.26985
.800	-1.811	.95851	1.00265	.91607	.84846	.45251	.83547	.87395	.77874	.69943	.27495
.800	-.799	.96136	1.00537	.91779	.84926	.45187	.84127	.87973	.78390	.70313	.27801
.800	.208	.96126	1.00525	.91718	.84817	.45018	.84340	.87895	.78614	.70541	.27968
.800	1.184	.95772	1.00141	.91406	.84533	.44711	.84137	.88059	.78532	.70443	.27975
.800	2.163	.95154	.99112	.90912	.84117	.44418	.83597	.87510	.78186	.70185	.27854
	GRADIENT	.00367	.00335	.00262	.00195	.00065	.00562	.00561	.00497	.00387	.00315

RUN NO. 1338/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
.900	-7.891	.91861	.96559	.89799	.84288	.47331	.79112	.83151	.75756	.69718	.29656
.900	-6.864	.94144	.98789	.91550	.85780	.48305	.81652	.85616	.77713	.71246	.30832
.900	-5.856	.96126	1.00757	.93095	.87103	.49188	.83735	.87622	.79292	.72464	.31587
.900	-4.840	.97885	1.02452	.94461	.88232	.49951	.85604	.89425	.80731	.73586	.32452
.900	-3.827	.99307	1.03783	.95513	.89164	.50595	.87127	.90875	.81903	.74570	.33081
.900	-2.811	1.00330	1.04771	.96365	.89838	.51071	.88342	.92075	.82934	.75329	.33691
.900	-1.792	1.00932	1.05355	.96826	.90199	.51222	.89138	.92980	.83644	.75797	.34042
.900	-.782	1.01270	1.05689	.97076	.90375	.51285	.89778	.93584	.84233	.76270	.34477
.900	.223	1.01134	1.05529	.96891	.90136	.51007	.89841	.93357	.84298	.76349	.34515
.900	1.198	1.00915	1.05305	.96723	.89989	.50834	.89788	.93658	.84349	.76402	.34636
.900	2.177	1.00303	1.04665	.96212	.89556	.50513	.89247	.93152	.84013	.76135	.34497
	GRADIENT	.00331	.00307	.00241	.00173	.00060	.00523	.00529	.00475	.00363	.00297

RUN NO. 1327/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
1.099	-7.937	1.05887	1.10291	1.03881	.98564	.64719	.94978	.98679	.91852	.86130	.49724
1.100	-6.912	1.08114	1.12358	1.05540	.99994	.65670	.97239	1.00894	.93554	.87442	.50680
1.100	-5.909	1.09887	1.14089	1.06927	1.01211	.66445	.99092	1.02720	.94965	.88560	.51460
1.100	-4.904	1.11411	1.15617	1.08151	1.02245	.67132	1.00716	1.04306	.96201	.89506	.52149
1.100	-3.904	1.12603	1.16774	1.09045	1.03018	.67646	1.01992	1.05558	.97231	.90329	.52678
1.100	-2.917	1.13445	1.17624	1.09734	1.03581	.68010	1.03006	1.06545	.98078	.90969	.53133
1.100	-1.896	1.14082	1.18250	1.10275	1.04026	.68265	1.03714	1.07358	.98590	.91380	.53416
1.100	-.924	1.14388	1.18556	1.10535	1.04200	.68330	1.04211	1.07830	.99125	.91686	.53678
1.100	.079	1.14481	1.18643	1.10601	1.04221	.68310	1.04342	1.07621	.99115	.91715	.53708
1.100	1.067	1.14318	1.18463	1.10471	1.04130	.68201	1.04137	1.07764	.99141	.91637	.53594
1.100	2.057	1.13845	1.17976	1.10088	1.03819	.68018	1.03618	1.07321	.98752	.91360	.53397
	GRADIENT	.00348	.00340	.00282	.00224	.00119	.00426	.00429	.00371	.00264	.00183

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

(SCM039) (03 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	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
1.249	-7.914	1.13383	1.18090	1.11319	1.05790	7.1573	1.01851	1.06046	.98853	.92835	.56169
1.250	-6.882	1.15532	1.20217	1.13017	1.07259	7.2619	1.03971	1.08092	1.00451	.94057	.57052
1.250	-5.876	1.17238	1.21911	1.14328	1.08338	7.3265	1.05780	1.09887	1.01850	.95121	.57814
1.250	-4.869	1.18648	1.23239	1.15412	1.09264	7.3849	1.07290	1.11410	1.02974	.96001	.58441
1.250	-3.858	1.19695	1.24292	1.16286	1.09985	7.4302	1.08511	1.12633	1.03987	.96831	.59052
1.250	-2.845	1.20575	1.25183	1.16955	1.10566	7.4676	1.09467	1.13580	1.04779	.97433	.59499
1.250	-1.834	1.21157	1.25738	1.17414	1.10939	7.4864	1.10230	1.14443	1.05431	.97878	.59911
1.250	-.828	1.21437	1.26043	1.17633	1.11060	7.4845	1.10748	1.14935	1.05868	.98198	.60199
1.250	.177	1.21441	1.26025	1.17602	1.11001	7.4743	1.10922	1.14735	1.05987	.98345	.60321
1.250	1.157	1.21155	1.25734	1.17371	1.10802	7.4520	1.10718	1.14940	1.05954	.98259	.60287
1.250	2.146	1.20679	1.25219	1.16978	1.10475	7.4290	1.10278	1.14496	1.05654	.98055	.60130
GRADIENT		.00291	.00285	.00221	.00167	.00052	.00439	.00442	.00389	.00293	.00247

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

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
1.400	-7.924	1.16090	1.22289	1.14565	1.08601	7.3267	1.03206	1.08964	1.00946	.94486	.57593
1.400	-6.889	1.18089	1.24322	1.16130	1.09916	7.4157	1.05273	1.11077	1.02594	.95731	.58450
1.400	-5.884	1.19701	1.25950	1.17469	1.11083	7.4879	1.06994	1.12846	1.03958	.96817	.59164
1.400	-4.877	1.20903	1.27316	1.18579	1.11951	7.5384	1.08379	1.14268	1.05075	.97666	.59687
1.400	-3.871	1.22059	1.28521	1.19522	1.12694	7.5909	1.09609	1.15529	1.06131	.98472	.60204
1.400	-2.858	1.22986	1.29361	1.20115	1.13249	7.6318	1.10663	1.16686	1.07025	.99109	.60687
1.400	-1.846	1.23402	1.29721	1.20428	1.13509	7.6409	1.11233	1.17504	1.07549	.99420	.60929
1.400	-.842	1.23658	1.30035	1.20715	1.13686	7.6451	1.11789	1.18031	1.08097	.99836	.61262
1.400	.162	1.23656	1.30046	1.20689	1.13579	7.6340	1.11930	1.17774	1.08235	1.00046	.61394
1.399	1.144	1.23401	1.29710	1.20400	1.13349	7.6137	1.11761	1.18160	1.08290	1.00044	.61409
1.400	2.136	1.22903	1.29154	1.19901	1.12911	7.5840	1.11288	1.17643	1.08003	.99856	.61259
GRADIENT		.00274	.00253	.00187	.00133	.00053	.00422	.00483	.00422	.00314	.00232

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

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
1.449	-7.881	1.15606	1.23132	1.15162	1.09144	7.3986	1.01731	1.08924	1.00773	.94326	.57519
1.452	-6.841	1.17619	1.25343	1.16878	1.10543	7.4926	1.03822	1.11253	1.02635	.95805	.58569
1.450	-5.831	1.18968	1.26715	1.17889	1.11442	7.5436	1.05235	1.12833	1.03789	.96665	.59047
1.450	-4.816	1.20174	1.28075	1.19091	1.12457	7.5990	1.06698	1.14395	1.05033	.97672	.59691
1.450	-3.797	1.21073	1.29256	1.19900	1.13051	7.6419	1.07643	1.15561	1.05978	.98287	.60087
1.450	-2.771	1.22137	1.30085	1.20542	1.13631	7.6870	1.08757	1.16843	1.06989	.98957	.60607
1.450	-1.750	1.22450	1.30359	1.20812	1.13879	7.6921	1.09384	1.17789	1.07593	.99322	.60885
1.450	-.735	1.22493	1.30615	1.21113	1.14023	7.6914	1.09759	1.18127	1.08174	.99779	.61224
1.450	.274	1.22334	1.30580	1.21026	1.13846	7.6742	1.09912	1.17981	1.08314	1.00007	.61465
1.450	1.248	1.21989	1.30147	1.20649	1.13569	7.6400	1.09750	1.18375	1.08328	.99977	.61516
1.449	2.224	1.21602	1.29614	1.20120	1.13067	7.6117	1.09388	1.17891	1.08089	.99827	.61454
GRADIENT		.00182	.00203	.00152	.00092	.00006	.00395	.00502	.00447	.00322	.00265

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

(SCM039) (03 OCT 91)

PARAMETRIC DATA

BETA = 3.000 PHI = 180.000

RUN NO. 1440/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
1.471	-7.885	1.13904	1.22943	1.14834	1.08778	.73342	.99644	1.09053	1.00772	.94206	.56983
1.471	-6.853	1.15477	1.24841	1.16142	1.09822	.73976	1.01237	1.11165	1.02399	.95448	.57795
1.471	-5.839	1.16713	1.26275	1.17314	1.10837	.74635	1.02587	1.12957	1.03823	.96550	.58515
1.471	-4.824	1.17484	1.27568	1.18282	1.11596	.75164	1.03490	1.14285	1.04856	.97424	.59030
1.471	-3.813	1.18125	1.28620	1.19001	1.12107	.75598	1.04272	1.15446	1.05814	.98029	.59422
1.471	-2.791	1.18657	1.29324	1.19563	1.12492	.75903	1.04962	1.16518	1.06584	.98551	.59839
1.471	-1.767	1.18872	1.29813	1.19879	1.12721	.76049	1.05393	1.17536	1.07242	.99020	.60262
1.471	-.755	1.18855	1.29933	1.19959	1.12701	.75966	1.05635	1.17585	1.07613	.99342	.60569
1.470	.256	1.18653	1.29796	1.19784	1.12435	.75676	1.05759	1.17405	1.07648	.99462	.60736
1.471	1.229	1.18471	1.29562	1.19646	1.12310	.75419	1.05810	1.18041	1.07796	.99469	.60881
1.471	2.209	1.18077	1.29051	1.19325	1.12161	.75230	1.05601	1.17521	1.07581	.99334	.60900
	GRADIENT	.00070	.00198	.00134	.00058	-.00013	.00298	.00455	.00386	.00280	.00277

RUN NO. 1407/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
1.496	-7.892	1.12439	1.23471	1.15178	1.09090	.73723	.97923	1.09584	1.01255	.94755	.57694
1.496	-6.856	1.13499	1.25368	1.16554	1.10238	.74455	.98872	1.11635	1.02831	.95973	.58522
1.496	-5.845	1.14017	1.26891	1.17807	1.11344	.75135	.99210	1.13347	1.04128	.96946	.59109
1.496	-4.833	1.14163	1.28195	1.18870	1.12196	.75632	.99545	1.14898	1.05343	.97966	.59710
1.496	-3.821	1.14072	1.29258	1.19663	1.12790	.75953	.99594	1.16067	1.06319	.98546	.60079
1.496	-2.798	1.14031	1.30139	1.20215	1.13066	.76259	.99516	1.17299	1.07122	.99094	.60533
1.495	-1.781	1.13599	1.30424	1.20315	1.13099	.76285	.99269	1.18394	1.07687	.99457	.60825
1.496	-.768	1.13280	1.30586	1.20422	1.13129	.76236	.99186	1.18278	1.08183	.99880	.61153
1.496	.241	1.13008	1.30486	1.20299	1.12988	.76223	.99161	1.18154	1.08184	.99983	.61309
1.496	1.216	1.12779	1.30173	1.20063	1.12735	.75943	.99173	1.18859	1.08330	.99905	.61323
1.496	2.194	1.12891	1.29746	1.19765	1.12485	.75710	.99463	1.18383	1.07992	.99660	.61240
	GRADIENT	-.00222	.00199	.00103	.00019	.00006	-.00046	.00485	.00384	.00298	.00233

RUN NO. 1430/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
1.517	-7.894	1.01011	1.22373	1.14233	1.08269	.73201	.84322	1.08213	.99997	.93627	.57035
1.518	-6.856	.99392	1.24476	1.15728	1.09517	.74005	.82308	1.10427	1.01614	.94893	.57912
1.518	-5.846	.97893	1.26078	1.16841	1.10427	.74572	.80823	1.12351	1.02918	.95892	.58539
1.518	-4.834	.96357	1.27213	1.17715	1.11223	.75116	.79327	1.13977	1.04174	.96749	.59117
1.518	-3.816	.94031	1.28350	1.18638	1.11901	.75650	.76778	1.15510	1.05195	.97387	.59664
1.518	-2.798	.91960	1.29260	1.19250	1.12225	.75953	.74887	1.17043	1.05923	.97807	.59980
1.518	-1.780	.90958	1.29852	1.19641	1.12563	.75982	.74706	1.17905	1.06669	.98331	.60381
1.517	-.767	.89989	1.30164	1.19701	1.12521	.75844	.74671	1.17264	1.06909	.98696	.60623
1.518	.238	.90140	1.30252	1.19706	1.12501	.75713	.75106	1.17081	1.06840	.98800	.60822
1.517	1.216	.89537	1.29780	1.19320	1.12129	.75353	.74836	1.18053	1.07366	.98931	.60838
1.517	2.194	.89970	1.29090	1.18905	1.11736	.75085	.75088	1.18121	1.07041	.98664	.60713
	GRADIENT	-.00875	.00282	.00158	.00067	-.00029	-.00462	.00489	.00403	.00291	.00237

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

(SCM039) (03 OCT 91)

PARAMETRIC DATA

BETA = 3.000 PHI = 180.000

RUN NO. 1420/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
1.543	-7.891	.84051	1.21509	1.13280	1.07387	.72319	.67443	1.07275	.98811	.92569	.56757
1.543	-6.859	.82873	1.23381	1.14649	1.08539	.73047	.66935	1.09643	1.00427	.93842	.57536
1.543	-5.844	.83280	1.25253	1.15794	1.09522	.73798	.67446	1.12442	1.02004	.94750	.58185
1.543	-4.834	.83792	1.26845	1.16511	1.09972	.74295	.68852	1.15084	1.03664	.95578	.58781
1.543	-3.820	.84367	1.28276	1.17212	1.10416	.74615	.70414	1.16667	1.04681	.96371	.59263
1.543	-2.798	.86853	1.30196	1.18083	1.11045	.74924	.73991	1.12891	1.05914	.97234	.59619
1.543	-1.780	.91954	1.33452	1.18749	1.11537	.74994	.79977	1.04612	1.05277	.97747	.59932
1.543	-.767	.93642	1.35083	1.18887	1.11498	.75053	.82212	1.04193	1.04312	.97476	.60137
1.543	.240	.94067	1.35316	1.18732	1.11269	.74830	.82930	1.04359	1.04555	.97682	.60278
1.543	1.215	.93328	1.34607	1.18395	1.10969	.74543	.82137	1.04278	1.05543	.98281	.60255
1.543	2.193	.91166	1.32451	1.17928	1.10706	.74363	.79667	1.06622	1.07073	.98535	.60098
	GRADIENT	.01425	.01047	.00214	.00102	-.00000	.01943	-.01751	.00297	.00371	.00194

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

(SCM040) (03 OCT 91)

PARAMETRIC DATA

BETA = 4.000 PHI = 180.000

RUN NO. 1360/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
.599	-7.846	.79461	.84402	.78234	.72928	.37110	.61127	.65605	.58277	.52270	.12779
.600	-6.821	.82333	.87061	.80331	.74756	.38321	.64921	.68428	.60509	.54020	.14282
.600	-5.807	.84816	.89317	.82161	.76290	.39356	.66740	.70797	.62358	.55506	.15297
.600	-4.791	.86897	.91177	.83617	.77533	.40202	.68981	.72890	.63964	.56825	.16295
.600	-3.770	.88461	.92620	.84743	.78482	.40815	.70843	.74631	.65316	.57946	.17117
.601	-2.748	.89710	.93810	.85728	.79351	.41371	.72284	.76088	.66499	.58799	.17718
.601	-1.729	.90281	.94286	.86110	.79619	.41522	.73220	.77118	.67303	.59364	.18237
.600	-.717	.90860	.94846	.86582	.80010	.41721	.73996	.77342	.67917	.59903	.18606
.600	.292	.90870	.94853	.86557	.79939	.41560	.74223	.77516	.68079	.60078	.18786
.600	1.274	.90321	.94305	.86083	.79479	.41117	.73945	.77548	.68019	.59973	.18733
.601	2.252	.89462	.93441	.85369	.78853	.40642	.73311	.77109	.67659	.59695	.18657
	GRADIENT	.00373	.00333	.00261	.00196	.00065	.00622	-.00577	.00531	.00411	.00334

IA310 (AEDC 16TF-783) FAIRING-OFF DATABASE (SCM040) (03 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	CPR	CPC7	CPC8	CPC9	CPC3	CPL	CPC10	CPC11	CPC12	CPO4
.800	-7.878	.87881	.92593	.86119	.80673	.43760	.70418	.74590	.66929	.60682	.19652
.799	-6.856	.90351	.94997	.87998	.82230	.44687	.73196	.77231	.69024	.62333	.20832
.800	-5.842	.92585	.97166	.89759	.83747	.45746	.75543	.79458	.70799	.63735	.21876
.800	-4.833	.94338	.98846	.91071	.84848	.46517	.77507	.81310	.72287	.64946	.22855
.800	-3.822	.95871	1.00274	.92184	.85822	.47173	.79209	.82963	.73586	.66031	.23583
.800	-2.809	.96939	1.01253	.93053	.86547	.47709	.80427	.84226	.74580	.66644	.24159
.800	-1.795	.97653	1.01914	.93587	.86989	.47928	.81325	.85042	.75346	.67262	.24573
.800	-.792	.98002	1.02267	.93877	.87203	.47986	.81873	.85382	.75801	.67596	.24813
.800	.216	.98046	1.02293	.93886	.87171	.47897	.82096	.85467	.75922	.67747	.24974
.800	1.200	.97654	1.01879	.93542	.86869	.47657	.81874	.85376	.75958	.67700	.24999
.800	2.182	.97028	1.01258	.93042	.86415	.47292	.81339	.85248	.75647	.67457	.24876
GRADIENT		.00375	.00339	.00279	.00218	.00101	.00544	.00520	.00474	.00352	.00284

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

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPC3	CPL	CPC10	CPC11	CPC12	CPO4
.900	-7.870	.93715	.98298	.91802	.86437	.50004	.77038	.80993	.73413	.67185	.26905
.899	-6.842	.96057	1.00585	.93633	.87970	.50989	.79573	.83472	.75321	.68720	.27984
.900	-5.832	.98046	1.02564	.95216	.89352	.51918	.81677	.85117	.76954	.69999	.28919
.900	-4.818	.99699	1.04159	.96488	.90379	.52620	.83543	.87306	.78387	.71127	.29807
.900	-3.806	1.01054	1.05468	.97489	.91245	.53213	.85096	.88808	.79583	.72143	.30505
.900	-2.795	1.02091	1.06457	.98331	.91950	.53701	.86265	.90061	.80553	.72814	.31032
.900	-1.780	1.02722	1.07040	.98840	.92366	.53931	.87109	.90742	.81273	.73392	.31430
.900	-.774	1.03052	1.07328	.99078	.92540	.53977	.87610	.91085	.81695	.73681	.31633
.900	.234	1.03061	1.07333	.99066	.92495	.53873	.87787	.91128	.81783	.73812	.31736
.900	1.214	1.02738	1.07044	.98820	.92264	.53641	.87647	.91183	.81886	.73823	.31766
.900	2.199	1.02160	1.06467	.98360	.91840	.53337	.87179	.91051	.81585	.73612	.31691
GRADIENT		.00344	.00321	.00265	.00204	.00093	.00515	.00495	.00452	.00346	.00259

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

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPC3	CPL	CPC10	CPC11	CPC12	CPO4
1.099	-7.928	1.07605	1.11824	1.05729	1.00548	.67132	.93079	.96706	.89718	.83813	.47236
1.100	-6.901	1.09871	1.13993	1.07446	1.02053	.68137	.95417	.98972	.91468	.85214	.48271
1.100	-5.904	1.11617	1.15713	1.08829	1.03250	.68918	.97203	1.00754	.92830	.86252	.49011
1.100	-4.898	1.13133	1.17244	1.10054	1.04288	.69621	.98802	1.02335	.94052	.87209	.49719
1.101	-3.898	1.14226	1.18349	1.10902	1.04997	.70070	1.00136	1.03632	.95092	.88090	.50305
1.100	-2.902	1.15148	1.19250	1.11689	1.05627	.70517	1.01091	1.04595	.95865	.88597	.50641
1.100	-1.906	1.15717	1.19794	1.12127	1.05999	.70707	1.01796	1.05298	.96458	.89061	.50922
1.100	-.926	1.16089	1.20160	1.12448	1.06269	.70861	1.02269	1.05669	.96885	.89333	.51134
1.100	.093	1.16175	1.20235	1.12507	1.06312	.70859	1.02412	1.05620	.96810	.89304	.51192
1.100	1.092	1.15959	1.20001	1.12338	1.06147	.70710	1.02211	1.05623	.96901	.89303	.51107
1.100	2.068	1.15434	1.19456	1.11894	1.05757	.70452	1.01693	1.05345	.96469	.88993	.50925
GRADIENT		.00337	.00324	.00273	.00219	.00122	.00419	.00412	.00349	.00250	.00171

(SCMO40) (03 OCT 91)

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

PARAMETRIC DATA

BETA = 2.49 GRADIENT INTERVAL = -5.00/ 5.00
 PHI = 4.000
 = 180.000

MACH	ALPHA	RUN NO.	1374/ O	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
1.249	-7.898	1.15142	1.19726	1.13216	1.07803	1.74021	1.09884	1.04061	1.04061	1.04061	1.04061	1.04061
1.250	-6.866	1.17275	1.21803	1.14853	1.09200	1.74954	1.02128	1.05223	1.05223	1.05223	1.05223	1.05223
1.250	-5.859	1.18994	1.23524	1.16211	1.10372	1.75672	1.03868	1.07904	1.07904	1.07904	1.07904	1.07904
1.250	-4.849	1.20353	1.24809	1.17176	1.11167	1.76123	1.05387	1.09385	1.09385	1.09385	1.09385	1.09385
1.250	-3.843	1.21489	1.25914	1.18146	1.11964	1.76655	1.06726	1.10735	1.10735	1.10735	1.10735	1.10735
1.250	-2.837	1.22233	1.26726	1.18800	1.12542	1.76997	1.07576	1.11646	1.11646	1.11646	1.11646	1.11646
1.250	-1.821	1.22832	1.27330	1.19271	1.12943	1.77220	1.08349	1.12508	1.12508	1.12508	1.12508	1.12508
1.250	-.820	1.23101	1.27622	1.19518	1.13138	1.77259	1.08773	1.12729	1.12729	1.12729	1.12729	1.12729
1.250	.186	1.23121	1.27633	1.19514	1.13114	1.77183	1.08923	1.12660	1.12660	1.12660	1.12660	1.12660
1.250	1.168	1.22867	1.27362	1.19313	1.12919	1.77004	1.08758	1.12814	1.12814	1.12814	1.12814	1.12814
1.249	2.159	1.22323	1.26777	1.18855	1.12509	1.76706	1.08283	1.12402	1.12402	1.12402	1.12402	1.12402
	GRADIENT	.00282	.00287	.00238	.00192	.00077	.00416	.00414	.00414	.00355	.00265	.00221

MACH	ALPHA	RUN NO.	1385/ O	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
1.400	-7.865	1.18449	1.24398	1.16960	1.11100	1.76085	1.01213	1.06908	1.06908	1.06908	1.06908	1.06908
1.400	-6.874	1.20133	1.26150	1.18247	1.12106	1.76652	1.03265	1.09045	1.09045	1.09045	1.09045	1.09045
1.400	-5.869	1.21796	1.27805	1.19585	1.13265	1.77438	1.05010	1.10784	1.10784	1.10784	1.10784	1.10784
1.400	-4.857	1.23077	1.29175	1.20701	1.14207	1.77981	1.06483	1.12299	1.12299	1.12299	1.12299	1.12299
1.400	-3.856	1.24021	1.30253	1.21541	1.14833	1.78365	1.07664	1.13512	1.13512	1.13512	1.13512	1.13512
1.400	-2.846	1.24927	1.31165	1.22191	1.15419	1.78810	1.08621	1.14580	1.14580	1.14580	1.14580	1.14580
1.400	-1.837	1.25412	1.31622	1.22529	1.15706	1.78971	1.09261	1.15339	1.15339	1.15339	1.15339	1.15339
1.400	-.834	1.25695	1.31881	1.22759	1.15902	1.79030	1.09742	1.15631	1.15631	1.15631	1.15631	1.15631
1.400	.171	1.25623	1.31828	1.22681	1.15795	1.78905	1.09809	1.15428	1.15428	1.15428	1.15428	1.15428
1.400	1.156	1.25432	1.31607	1.22524	1.15638	1.78792	1.09707	1.15850	1.15850	1.15850	1.15850	1.15850
1.400	2.145	1.24946	1.31052	1.22090	1.15237	1.78491	1.09302	1.15429	1.15429	1.15429	1.15429	1.15429
	GRADIENT	.00268	.00264	.00195	.00150	.00072	.00405	.00434	.00434	.00388	.00279	.00202

MACH	ALPHA	RUN NO.	1398/ O	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
1.450	-7.810	1.18086	1.25276	1.17543	1.11636	1.76693	1.01829	1.06933	1.06933	1.06933	1.06933	1.06933
1.450	-6.817	1.19802	1.27197	1.18943	1.12719	1.77333	1.01829	1.09082	1.09082	1.09082	1.09082	1.09082
1.450	-5.805	1.21253	1.28683	1.20058	1.13675	1.77908	1.03319	1.10711	1.10711	1.10711	1.10711	1.10711
1.449	-4.787	1.22242	1.29756	1.21037	1.14532	1.78365	1.04562	1.12202	1.12202	1.12202	1.12202	1.12202
1.450	-3.768	1.23120	1.30896	1.22012	1.15273	1.78827	1.05762	1.13510	1.13510	1.13510	1.13510	1.13510
1.450	-2.754	1.23956	1.31878	1.22636	1.15771	1.79247	1.06599	1.14581	1.14581	1.14581	1.14581	1.14581
1.450	-1.733	1.24516	1.32294	1.22883	1.16025	1.79386	1.07236	1.15460	1.15460	1.15460	1.15460	1.15460
1.450	-.722	1.24801	1.32510	1.23095	1.16237	1.79468	1.07751	1.15621	1.15621	1.15621	1.15621	1.15621
1.450	.286	1.24712	1.32466	1.23059	1.16175	1.79377	1.07859	1.15595	1.15595	1.15595	1.15595	1.15595
1.450	1.268	1.24386	1.32129	1.22795	1.15916	1.79105	1.07735	1.16049	1.16049	1.16049	1.16049	1.16049
1.450	2.247	1.23813	1.31584	1.22394	1.15513	1.78791	1.07280	1.15609	1.15609	1.15609	1.15609	1.15609
	GRADIENT	.00237	.00250	.00178	.00137	.00058	.00394	.00472	.00472	.00422	.00306	.00253

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

(SCMO40) (03 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	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
1.471	-7.862	1.16212	1.24755	1.16925	1.10958	.75763	.97695	1.06951	.98506	.91831	.54660
1.471	-6.828	1.17777	1.26729	1.18340	1.12085	.76486	.99288	1.09024	1.00109	.93058	.55464
1.471	-5.815	1.19210	1.28285	1.19529	1.13106	.77228	1.00660	1.10830	1.01488	.94173	.56158
1.471	-4.801	1.19891	1.29364	1.20364	1.13748	.77612	1.01663	1.12217	1.02616	.95053	.56688
1.470	-3.784	1.20427	1.30353	1.21066	1.14259	.77948	1.02394	1.13402	1.03563	.95745	.57124
1.470	-2.768	1.20975	1.31162	1.21666	1.14730	.78322	1.03025	1.14451	1.04383	.96287	.57565
1.471	-1.753	1.21315	1.31628	1.22066	1.15070	.78531	1.03584	1.15364	1.04969	.96671	.57910
1.471	-.743	1.21347	1.31897	1.22271	1.15215	.78543	1.03832	1.15218	1.05371	.96964	.58134
1.471	.266	1.21279	1.31852	1.22221	1.15103	.78334	1.04029	1.15136	1.05322	.97092	.58350
1.471	1.245	1.20965	1.31463	1.21965	1.14923	.78057	1.03903	1.15725	1.05449	.97002	.58399
1.471	2.231	1.20618	1.30882	1.21517	1.14587	.77794	1.03679	1.15328	1.05195	.96820	.58378
	GRADIENT	.00104	.00221	.00172	.00125	.00023	.00296	.00419	.00365	.00254	.00247

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

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
1.496	-7.869	1.14999	1.25269	1.17253	1.11265	.76150	.96007	1.07415	.98906	.92274	.55282
1.496	-6.830	1.16320	1.27377	1.18867	1.12577	.77078	.97167	1.09481	1.00498	.93499	.56102
1.496	-5.823	1.16863	1.28790	1.19921	1.13482	.77593	.97654	1.11181	1.01817	.94569	.56774
1.496	-4.809	1.17112	1.30011	1.20925	1.14385	.78104	.97975	1.12758	1.03013	.95540	.57381
1.496	-3.798	1.17062	1.31070	1.21779	1.15057	.78456	.98124	1.14082	1.04072	.96249	.57823
1.496	-2.781	1.17078	1.31931	1.22380	1.15426	.78590	.98204	1.15154	1.04856	.96700	.58146
1.496	-1.766	1.16914	1.32489	1.22701	1.15647	.78857	.98132	1.16198	1.05485	.97139	.58468
1.496	-.758	1.16852	1.32678	1.22799	1.15677	.78914	.98162	1.15699	1.05860	.97452	.58683
1.496	.250	1.16686	1.32652	1.22750	1.15589	.78882	.98183	1.15692	1.05657	.97464	.58853
1.496	1.232	1.16538	1.32357	1.22555	1.15432	.78678	.98189	1.16443	1.05965	.97438	.58890
1.496	2.219	1.16386	1.31814	1.22187	1.15133	.78352	.98273	1.16097	1.05623	.97188	.58812
	GRADIENT	-.00106	.00255	.00166	.00091	.00041	.00028	.00431	.00362	.00239	.00210

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

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
1.518	-7.867	1.05493	1.24476	1.16587	1.10726	.75915	.83810	1.06226	.97824	.91338	.54696
1.518	-6.837	1.03197	1.26443	1.17927	1.11791	.76506	.81031	1.08306	.99332	.92479	.55521
1.518	-5.826	1.01973	1.28212	1.19221	1.12860	.77201	.79395	1.10229	1.00685	.93565	.56205
1.517	-4.811	1.00547	1.29175	1.19858	1.13451	.77569	.78227	1.11896	1.01903	.94436	.56777
1.518	-3.796	.98749	1.30157	1.20808	1.14223	.78083	.76689	1.13540	1.03022	.95126	.57349
1.518	-2.779	.96782	1.31101	1.21551	1.14692	.78413	.74596	1.15077	1.03849	.95650	.57784
1.518	-1.765	.95214	1.31635	1.21899	1.14988	.78472	.73325	1.15581	1.04502	.96059	.58064
1.518	-.757	.94424	1.31877	1.22048	1.15031	.78461	.73105	1.14862	1.04508	.96359	.58292
1.518	.249	.93967	1.31875	1.22035	1.14957	.78334	.73006	1.14876	1.04401	.96330	.58439
1.517	1.230	.93740	1.31465	1.21707	1.14665	.78016	.72999	1.15317	1.04972	.96480	.58387
1.518	2.215	.94745	1.30976	1.21451	1.14507	.77890	.73855	1.15959	1.04852	.96380	.58451
	GRADIENT	-.00890	.00259	.00206	.00125	.00021	-.00643	.00428	.00381	.00270	.00227

IA310 (AEDC 16TF-783) FAIRING-OFF DATABASE (SCM040) (03 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	CPR	CPC7	CPC8	CPC9	CPC3	CPL	CPC10	CPC11	CPC12	CPO4
1.543	-7.866	.88189	1.23674	1.15675	1.09855	.75015	.65818	1.05221	.96520	.90201	.54361
1.543	-6.836	.86351	1.25486	1.17023	1.10983	.75726	.65273	1.07628	.98199	.91557	.55238
1.543	-5.825	.85892	1.27218	1.18274	1.12055	.76429	.65216	1.10171	.99688	.92382	.55859
1.543	-4.811	.86384	1.28437	1.18799	1.12485	.76754	.66427	1.12667	1.01038	.93183	.56475
1.543	-3.796	.86624	1.29612	1.19480	1.12839	.77121	.67714	1.14130	1.02396	.93999	.57015
1.543	-2.781	.87015	1.30629	1.19993	1.13258	.77373	.69034	1.12678	1.03408	.94731	.57358
1.543	-1.766	.87847	1.31511	1.20359	1.13508	.77498	.70938	1.08747	1.03107	.95167	.57608
1.554	-.758	.89623	1.32471	1.20648	1.13701	.77652	.73454	1.06409	1.01573	.94678	.57812
1.554	.248	.90563	1.32783	1.20526	1.13532	.77453	.74717	1.05499	1.01427	.94644	.57803
1.554	1.230	.88889	1.31853	1.20120	1.13176	.77211	.72925	1.06635	1.03181	.95685	.57846
1.543	2.214	.87212	1.30596	1.19550	1.12734	.76958	.70722	1.11257	1.04494	.95720	.57684
	GRADIENT	.00353	.00403	.00124	.00054	.00028	.00901	-.00849	.00243	.00302	.00168

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(SCM041) (03 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	CPR	CPC7	CPC8	CPC9	CPC3	CPL	CPC10	CPC11	CPC12	CPO4
.600	-8.125	.60882	.64642	.56836	.53049	.14454	.77572	.80670	.75876	.66350	.35034
.600	-7.121	.64225	.67791	.58913	.54641	.15726	.80697	.83736	.78241	.70955	.36407
.600	-6.140	.66898	.70236	.60445	.55483	.16476	.83076	.86129	.80026	.73877	.37270
.601	-5.164	.69330	.72562	.61981	.55848	.17416	.85357	.88458	.81826	.76235	.38391
.600	-4.188	.71518	.74739	.63336	.56945	.18241	.87322	.90492	.83380	.78208	.39301
.600	-3.220	.72929	.76116	.64308	.57625	.18577	.88627	.91807	.84349	.79324	.39799
.601	-2.253	.74010	.77339	.65028	.58049	.18917	.89753	.93001	.85287	.80502	.40388
.601	-1.284	.74720	.78480	.65360	.57932	.19005	.90611	.93967	.86089	.81409	.40838
.600	-.291	.75094	.78529	.65518	.57835	.18934	.91155	.94576	.86604	.81635	.41264
.600	.704	.74935	.78472	.65692	.57709	.18732	.91130	.94712	.86735	.81409	.41444
.600	1.729	.74364	.78374	.65246	.57085	.18410	.90753	.94473	.86572	.80862	.41441
	GRADIENT	.00491	.00606	.00324	.00012	.00029	.00603	.00698	.00566	.00478	.00383

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(SCM041) (03 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	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
.800	-8.087	.70075	.73316	.64900	.61062	.20691	.86249	.89193	.84076	.74851	.41961
.799	-7.081	.73095	.76276	.66859	.62421	.21861	.88925	.91906	.86142	.79032	.42991
.800	-6.094	.75505	.78638	.68438	.62857	.22850	.91299	.94330	.88011	.81855	.44165
.799	-5.110	.80855	.83866	.73557	.63600	.23557	.93286	.96393	.89588	.83956	.44965
.800	-4.133	.87951	.91134	.82747	.64435	.24326	.94847	.98053	.90826	.85597	.45695
.800	-3.154	.80884	.84179	.72051	.65263	.24686	.96128	.99463	.91915	.86744	.46326
.800	-2.179	.81985	.85429	.72845	.65614	.25065	.97151	1.00602	.92811	.87929	.46908
.800	-1.201	.82571	.86385	.73127	.65429	.25086	.97818	1.01399	.93436	.88723	.47285
.800	-.204	.82854	.86414	.73247	.65337	.25065	.98161	1.01882	.93808	.88720	.47576
.800	.789	.82734	.86435	.73429	.65072	.24819	.98196	1.02075	.93986	.88595	.47728
.799	1.806	.82218	.86494	.73122	.64611	.24508	.97762	1.01778	.93746	.87970	.47600
GRADIENT		.00456	.00603	.00328	-.00006	.00028	.00500	.00637	.00501	.00417	.00331

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

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
.900	-8.098	.76914	.80030	.71483	.67696	.28067	.92265	.95041	.89887	.81392	.48318
.900	-7.081	.79601	.82618	.73138	.68782	.29008	.94627	.97550	.91787	.85067	.49299
.900	-6.098	.81940	.84947	.74721	.69521	.29865	.97001	.99972	.93695	.87780	.50443
.900	-5.113	.83735	.86858	.76011	.69789	.30494	.98635	1.01716	.94957	.89517	.51062
.900	-4.135	.85544	.88767	.77233	.70661	.31241	1.00223	1.03400	.96283	.91133	.51856
.900	-3.165	.86821	.90115	.78062	.71486	.31594	1.01379	1.04674	.97246	.92163	.52403
.900	-2.186	.87764	.91274	.78788	.71691	.31843	1.02353	1.05777	.98134	.93313	.52963
.900	-1.213	.88342	.92201	.79061	.71585	.31956	1.02947	1.06514	.98689	.94067	.53342
.900	-.216	.88625	.92298	.79239	.71498	.31900	1.03282	1.06988	.99083	.94085	.53632
.900	.777	.88419	.92201	.79380	.71219	.31661	1.03230	1.07073	.99152	.93890	.53746
.900	1.798	.88012	.92405	.79157	.70817	.31407	1.02959	1.06926	.99058	.93413	.53721
GRADIENT		.00412	.00580	.00319	-.00011	.00024	.00462	.00598	.00472	.00398	.00323

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

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
1.098	-7.989	.92641	.95495	.87218	.83542	.47528	1.07273	1.09843	1.04948	.97839	.66709
1.100	-7.016	.95226	.98016	.88992	.84861	.48695	1.09244	1.11971	1.06527	1.00491	.67508
1.101	-6.023	.97235	1.00056	.90318	.85382	.49390	1.11214	1.14037	1.08136	1.02683	.68414
1.101	-5.030	.98985	1.01874	.91563	.85717	.50034	1.12801	1.15716	1.09400	1.04381	.69051
1.101	-4.040	1.00351	1.03374	.92563	.86251	.50493	1.14002	1.17023	1.10369	1.05523	.69514
1.100	-3.049	1.01552	1.04694	.93396	.87132	.50870	1.15020	1.18151	1.11234	1.06465	.69984
1.100	-2.064	1.02379	1.05735	.93995	.87200	.51097	1.15766	1.19041	1.11913	1.07446	.70367
1.100	-1.072	1.02902	1.06504	.94267	.87158	.51220	1.16208	1.19613	1.12347	1.07972	.70596
1.100	-.052	1.03091	1.06541	.94531	.87097	.51196	1.16384	1.19918	1.12575	1.07845	.70720
1.100	.922	1.03047	1.06692	.94597	.86878	.51127	1.16336	1.19975	1.12623	1.07650	.70776
1.100	1.931	1.02626	1.06854	.94604	.86628	.50891	1.15901	1.19672	1.12364	1.07034	.70601
GRADIENT		.00377	.00546	.00325	.00018	.00065	.00321	.00447	.00338	.00261	.00186

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

(SCM041) (03 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	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
1.249	-8.032	.99759	1.02887	.94169	.90437	.54376	1.14506	1.17332	1.12048	1.05035	.72847
1.250	-7.062	1.02134	1.05314	.95838	.91597	.55380	1.16284	1.19287	1.13473	1.07280	.73512
1.250	-6.074	1.04029	1.07366	.97044	.91833	.56027	1.18160	1.21325	1.15018	1.09312	.74338
1.250	-5.084	1.05763	1.09221	.98311	.92388	.56670	1.19706	1.22961	1.16181	1.10910	.74963
1.249	-4.101	1.07034	1.10579	.99199	.92756	.56988	1.20816	1.24136	1.17064	1.12046	.75413
1.250	-3.120	1.08208	1.11902	1.00060	.93661	.57491	1.21787	1.25313	1.17994	1.13094	.75973
1.250	-2.142	1.08988	1.12839	1.00584	.93595	.57684	1.22494	1.26225	1.18712	1.14101	.76348
1.250	-1.167	1.09529	1.13629	1.00905	.93661	.57790	1.23026	1.26895	1.19225	1.14745	.76645
1.250	-.160	1.09718	1.13758	1.01155	.93558	.57729	1.23262	1.27241	1.19497	1.14698	.76808
1.250	.832	1.09655	1.13823	1.01439	.93483	.57645	1.23310	1.27410	1.19654	1.14578	.76909
1.250	1.844	1.09235	1.14005	1.01271	.93063	.57373	1.22968	1.27170	1.19461	1.14046	.76909
GRADIENT		.00367	.00541	.00344	.00018	.00054	.00369	.00515	.00406	.00343	.00251

RUN NO. 1711/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
1.400	-8.024	1.01448	1.06020	.96039	.92340	.56178	1.17523	1.21310	1.15303	1.08131	.75079
1.400	-7.050	1.03706	1.08490	.97683	.92675	.57009	1.19279	1.23344	1.16793	1.10430	.75736
1.400	-6.066	1.05537	1.10556	.98882	.93297	.57680	1.20939	1.25289	1.18232	1.12348	.76502
1.400	-5.073	1.07127	1.12314	.99882	.93862	.58177	1.22394	1.26929	1.19446	1.14042	.77071
1.400	-4.090	1.08466	1.13868	1.01022	.94385	.58684	1.23567	1.28337	1.20477	1.15291	.77577
1.400	-3.110	1.09480	1.15096	1.01504	.94776	.58956	1.24542	1.29579	1.21385	1.16319	.78043
1.400	-2.131	1.10343	1.16198	1.02268	.94984	.59216	1.25321	1.30511	1.22088	1.17312	.78418
1.400	-1.150	1.10853	1.16992	1.02652	.95019	.59270	1.25814	1.31147	1.22566	1.17928	.78682
1.400	-.151	1.11069	1.17196	1.02968	.94898	.59224	1.26049	1.31512	1.22855	1.17905	.78871
1.399	.842	1.10975	1.17143	1.03281	.94850	.59082	1.26037	1.31645	1.22959	1.17695	.78973
1.400	1.857	1.10598	1.17447	1.03106	.94288	.58816	1.25803	1.31521	1.22852	1.17203	.78934
GRADIENT		.00363	.00570	.00378	.00009	.00023	.00375	.00528	.00397	.00326	.00230

RUN NO. 1704/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
1.450	-8.114	.99763	1.05942	.95466	.92107	.56177	1.16131	1.21051	1.14829	1.07960	.74327
1.450	-7.110	1.01966	1.08403	.97119	.92274	.56843	1.18007	1.23176	1.16364	1.10163	.75078
1.450	-6.125	1.03706	1.10585	.98375	.92950	.57453	1.19669	1.25275	1.17931	1.12223	.75998
1.450	-5.141	1.05199	1.12210	.99213	.93446	.57888	1.21066	1.26872	1.19060	1.13822	.76642
1.449	-4.168	1.06372	1.13569	.99981	.93772	.58204	1.22020	1.28186	1.20112	1.15089	.77053
1.450	-3.200	1.07479	1.14989	1.00841	.94290	.58606	1.23152	1.29706	1.21295	1.16383	.77722
1.450	-2.227	1.08241	1.16028	1.01525	.94300	.58703	1.23959	1.30640	1.21992	1.17359	.78087
1.450	-1.261	1.08801	1.16991	1.01973	.94344	.58739	1.24581	1.31432	1.22587	1.18003	.78512
1.450	-.261	1.08949	1.17224	1.02283	.94162	.58553	1.24828	1.31784	1.22846	1.17952	.78723
1.450	.731	1.08839	1.17026	1.02456	.93981	.58254	1.24972	1.32048	1.23038	1.17789	.78815
1.450	1.752	1.08565	1.17373	1.02470	.93524	.58079	1.24795	1.31974	1.23006	1.17450	.78895
GRADIENT		.00360	.00602	.00414	.00056	.00045	.00463	.00621	.00470	.00377	.00302

IA310 (AEDC 16TF-783) PROBE CALIBRATION (SCMO41) (03 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	CPR	CPC7	CPC8	CPC9	CPC3	CPL	CPC10	CPC11	CPC12	CPO4
1.470	-8.064	.98333	1.05829	.94905	.91253	.55851	1.15494	1.21695	1.15329	1.08477	.74324
1.470	-7.098	1.00283	1.08256	.96729	.91766	.56731	1.16804	1.23564	1.16580	1.10426	.74785
1.470	-6.113	1.01942	1.10410	.97719	.92335	.57297	1.18456	1.25551	1.18016	1.12414	.75601
1.470	-5.125	1.03334	1.12180	.98637	.92929	.57793	1.19598	1.27032	1.19003	1.13893	.76220
1.470	-4.151	1.04386	1.13627	.99627	.93358	.58153	1.20390	1.28201	1.19850	1.14945	.76628
1.470	-3.181	1.05252	1.14872	1.00411	.93719	.58396	1.21122	1.29300	1.20685	1.15904	.77085
1.470	-2.211	1.05878	1.15915	1.01063	.93819	.58489	1.21733	1.30178	1.21297	1.16764	.77480
1.470	-1.236	1.06271	1.16789	1.01521	.93839	.58417	1.22143	1.30740	1.21752	1.17239	.77697
1.470	-.243	1.06517	1.16972	1.01984	.93811	.58337	1.22487	1.31209	1.22123	1.17224	.77981
1.484	.752	1.06426	1.16873	1.02236	.93725	.58151	1.22635	1.31437	1.22302	1.17052	.78205
1.485	1.772	1.06275	1.17353	1.02302	.93303	.57996	1.22578	1.31442	1.22317	1.16724	.78297
GRADIENT		.00312	.00586	.00455	-.00007	-.00041	.00373	.00543	.00414	.00291	.00280

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

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPC3	CPL	CPC10	CPC11	CPC12	CPO4
1.497	-8.059	.95084	1.04331	.93291	.89957	.55062	1.12435	1.19914	1.13583	1.06949	.73380
1.496	-7.089	.96564	1.06756	.95113	.90426	.55847	1.13328	1.21898	1.15004	1.08981	.73942
1.497	-6.107	.97523	1.08713	.96131	.90916	.56371	1.14227	1.23729	1.16306	1.10868	.74520
1.497	-5.117	.98506	1.10603	.97008	.91533	.56908	1.15182	1.25433	1.17532	1.12548	.75178
1.497	-4.146	.98836	1.12067	.98052	.91976	.57236	1.15450	1.26679	1.18396	1.13539	.75518
1.497	-3.169	.98939	1.13283	.98696	.92210	.57405	1.15566	1.27808	1.19161	1.14455	.75898
1.497	-2.198	.99250	1.14513	.99381	.92346	.57521	1.15940	1.28735	1.19771	1.15317	.76259
1.497	-1.226	.99297	1.15598	.99879	.92412	.57542	1.16116	1.29413	1.20274	1.15827	.76633
1.497	-.228	.99432	1.15484	1.00385	.92324	.57496	1.16386	1.29890	1.20653	1.15851	.76931
1.497	.765	.99488	1.15401	1.00528	.92192	.57310	1.16634	1.30125	1.20859	1.15721	.77073
1.496	1.790	.99551	1.15747	1.00600	.91735	.57075	1.16773	1.30061	1.20864	1.15421	.77085
GRADIENT		.00124	.00585	.00444	-.00029	-.00026	.00237	.00575	.00421	.00313	.00279

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

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPC3	CPL	CPC10	CPC11	CPC12	CPO4
1.519	-8.051	.89104	1.04480	.93324	.89710	.54927	1.07563	1.19944	1.13557	1.07134	.73494
1.520	-7.087	.88660	1.06953	.95079	.90611	.55840	1.06555	1.21814	1.14902	1.09103	.74058
1.520	-6.104	.87525	1.08809	.95788	.90865	.56320	1.05766	1.23672	1.16241	1.11005	.74670
1.520	-5.121	.86333	1.10672	.96764	.91386	.56825	1.04841	1.25423	1.17484	1.12720	.75288
1.520	-4.141	.85040	1.12280	.97631	.91891	.57235	1.03604	1.26650	1.18304	1.13618	.75656
1.520	-3.173	.83511	1.13790	.98492	.92136	.57534	1.02369	1.27816	1.19160	1.14616	.76096
1.520	-2.196	.82057	1.15145	.99067	.92233	.57656	1.01456	1.28707	1.19825	1.15471	.76473
1.520	-1.222	.80834	1.16150	.99678	.92271	.57767	1.00613	1.29415	1.20347	1.15936	.76783
1.520	-.228	.79998	1.15697	1.00142	.92169	.57763	1.00218	1.29865	1.20700	1.15941	.77013
1.520	.766	.80913	1.15604	1.00339	.91995	.57625	1.00878	1.30108	1.20905	1.15803	.77215
1.520	1.787	.82478	1.16036	1.00354	.91511	.57433	1.02223	1.30038	1.20862	1.15463	.77225
GRADIENT		-.00536	.00557	.00467	-.00055	.00031	-.00299	.00574	.00435	.00301	.00270

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(SCMO41) (03 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	CPR	CPC7	CPC8	CPC9	CPC3	CPL	CPC10	CPC11	CPC12	CPO4
1.541	-8.058	.71069	1.03408	.91980	.88665	.54630	.91781	1.18972	1.12645	1.06369	.73106
1.541	-7.089	.68721	1.06017	.93593	.89477	.55500	.88985	1.20864	1.14000	1.08365	.73660
1.545	-6.103	.66062	1.08422	.94007	.89918	.55980	.85885	1.22742	1.15438	1.10488	.74436
1.543	-5.123	.66020	1.11060	.95050	.90276	.56404	.85290	1.24388	1.16569	1.12029	.74916
1.544	-4.146	.66306	1.13773	.96298	.90685	.56929	.85328	1.26034	1.17748	1.13229	.75445
1.544	-3.166	.67263	1.15633	.97386	.90909	.57245	.85861	1.27375	1.18530	1.14030	.75707
1.543	-2.198	.68708	1.15760	.98555	.91139	.57506	.86876	1.28869	1.19331	1.14920	.76069
1.542	-1.222	.71223	1.12086	.99358	.91415	.57697	.88572	1.30211	1.19934	1.15515	.76339
1.543	-.229	.75021	1.07877	.98594	.91135	.57773	.91491	1.31698	1.20516	1.15815	.76647
1.543	.766	.74591	1.09264	.98220	.90283	.57488	.91007	1.31726	1.20804	1.15724	.76763
1.543	1.788	.70185	1.11871	.98437	.89834	.57432	.87939	1.30801	1.20831	1.15407	.76780
	GRADIENT	.01172	-.00949	.00292	-.00140	.00081	.00818	.00931	.00541	.00389	.00242

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(SCMO42) (03 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	CPR	CPC7	CPC8	CPC9	CPC3	CPL	CPC10	CPC11	CPC12	CPO4
.599	-7.140	.64044	.67613	.58789	.54509	.15672	.80500	.83513	.78067	.70760	.36359
.599	-6.144	.66870	.70222	.60459	.55495	.16500	.83111	.86131	.80057	.73895	.37371
.600	-5.169	.69545	.72797	.62239	.56043	.17695	.85592	.88642	.82045	.76443	.38662
.600	-4.196	.71178	.74396	.63058	.56595	.18039	.86961	.90094	.83026	.77886	.39105
.600	-3.224	.72765	.75985	.64191	.57481	.18518	.88470	.91642	.84210	.79203	.39765
.601	-2.256	.73916	.77288	.64976	.57963	.18883	.89653	.92921	.85228	.80449	.40387
.600	-1.286	.74564	.78346	.65247	.57793	.18970	.90433	.93798	.85939	.81302	.40818
.600	-.291	.74926	.78394	.65394	.57684	.18863	.90946	.94386	.86422	.81494	.41183
.600	.705	.74876	.78406	.65626	.57658	.18723	.91105	.94663	.86716	.81404	.41506
	GRADIENT	.00746	.00825	.00487	.00167	.00132	.00843	.00931	.00752	.00737	.00486

(SCM042) (03 OCT 91)

PARAMETRIC DATA

BETA = -4.000 PHI = 180.000

RUN NO. 1458/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
.800	-7.105	.73066	.76265	.66838	.62413	.21939	.88902	.91824	.86113	.79019	.43093
.800	-6.098	.75549	.78711	.68424	.62948	.22849	.91350	.94341	.88047	.81914	.44227
.800	-5.112	.77723	.80918	.69894	.63573	.23691	.93248	.96321	.89549	.83966	.45056
.800	-4.133	.79465	.82744	.70987	.64310	.24284	.94815	.97995	.90813	.85578	.45729
.800	-3.157	.80907	.84241	.72072	.65236	.24803	.96092	.99395	.91889	.86719	.46407
.800	-2.183	.81902	.85449	.72788	.65479	.25040	.97125	1.00550	.92780	.87858	.46942
.800	-1.206	.82552	.86478	.73127	.65372	.25182	.97789	1.01348	.93423	.88681	.47392
.800	-.203	.82869	.86496	.73260	.65297	.25132	.98164	1.01845	.93815	.88694	.47690
.800	.788	.82674	.86448	.73390	.65003	.24949	.98111	1.01949	.93909	.88515	.47864
	GRADIENT	.00654	.00762	.00461	.00102	.00129	.00677	.00809	.00635	.00621	.00434

RUN NO. 1491/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
.900	-7.109	.79495	.82549	.73071	.68701	.28988	.94638	.97544	.91819	.85060	.49438
.899	-6.098	.81756	.84836	.74593	.69335	.29790	.96809	.99788	.93512	.87615	.50352
.900	-5.117	.83838	.86995	.76133	.69898	.30720	.98720	1.01771	.95061	.89626	.51283
.900	-4.137	.85441	.88698	.77158	.70532	.31236	1.00118	1.03287	.96190	.91059	.51873
.900	-3.162	.86751	.90104	.78024	.71435	.31643	1.01326	1.04628	.97217	.92128	.52475
.901	-2.191	.87734	.91287	.78802	.71649	.31945	1.02271	1.05715	.98083	.93279	.53036
.900	-1.210	.88264	.92178	.79040	.71489	.31983	1.02849	1.06441	.98634	.94018	.53379
.900	-.216	.88568	.92273	.79219	.71423	.31976	1.03199	1.06904	.99010	.94043	.53701
.900	.781	.88388	.92192	.79366	.71147	.31714	1.03196	1.07030	.99120	.93869	.53814
	GRADIENT	.00600	.00721	.00431	.00083	.00099	.00626	.00762	.00597	.00595	.00399

RUN NO. 1475/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
1.100	-7.044	.95010	.97750	.88806	.84695	.48579	1.09044	1.11698	1.06286	1.00245	.67405
1.100	-6.022	.97135	.99914	.90254	.85377	.49352	1.11010	1.13797	1.07929	1.02488	.68308
1.100	-5.034	.98874	1.01734	.91513	.85619	.50008	1.12605	1.15480	1.09183	1.04178	.68946
1.100	-4.040	1.00232	1.03242	.92479	.86154	.50474	1.13823	1.16812	1.10183	1.05357	.69437
1.100	-3.053	1.01382	1.04507	.93254	.86953	.50815	1.14837	1.17940	1.11035	1.06277	.69918
1.100	-2.063	1.02228	1.05603	.93905	.87093	.51025	1.15606	1.18866	1.11745	1.07259	.70309
1.100	-1.075	1.02792	1.06415	.94249	.87070	.51176	1.16096	1.19467	1.12212	1.07817	.70558
1.100	-.072	1.02983	1.06443	.94451	.86994	.51139	1.16249	1.19738	1.12412	1.07687	.70654
1.100	.919	1.02916	1.06537	.94507	.86756	.51057	1.16211	1.19823	1.12478	1.07508	.70739
	GRADIENT	.00540	.00664	.00405	.00089	.00116	.00480	.00606	.00463	.00447	.00259

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(SCMO42) (03 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	CPR	CPC7	CPC8	CPC9	CPC3	CPL	CPC10	CPC11	CPC12	CPO4
1.250	-7.088	1.02061	1.05223	.95779	.91526	.55371	1.16253	1.19236	1.13452	1.07244	.73589
1.250	-6.074	1.04033	1.07301	.97053	.91813	.56088	1.18057	1.21207	1.14943	1.09266	.74364
1.250	-5.081	1.05733	1.09168	.98324	.92319	.56726	1.19658	1.22899	1.16169	1.10903	.74999
1.250	-4.102	1.07090	1.10646	.99315	.92792	.57183	1.20834	1.24104	1.17079	1.12070	.75506
1.250	-3.123	1.08185	1.11866	1.00049	.93590	.57544	1.21737	1.25215	1.17959	1.13052	.75978
1.250	-2.146	1.08918	1.12781	1.00511	.93486	.57718	1.22436	1.26116	1.18636	1.14004	.76333
1.250	-1.160	1.09452	1.13624	1.00893	.93606	.57873	1.22970	1.26808	1.19168	1.14654	.76675
1.251	-.168	1.09733	1.13831	1.01203	.93572	.57866	1.23293	1.27269	1.19539	1.14713	.76883
1.252	.828	1.09684	1.13829	1.01434	.93427	.57750	1.23375	1.27438	1.19719	1.14615	.77024
	GRADIENT	.00525	.00656	.00418	.00093	.00114	.00518	.00681	.00535	.00531	.00308

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

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPC3	CPL	CPC10	CPC11	CPC12	CPO4
1.400	-7.077	1.03478	1.08260	.97537	.92574	.56770	1.18933	1.23076	1.16466	1.10041	.75364
1.400	-6.066	1.05379	1.10349	.98747	.93137	.57393	1.20665	1.24962	1.17865	1.11938	.76075
1.400	-5.077	1.06945	1.12110	.99735	.93677	.57899	1.22153	1.26711	1.19188	1.13771	.76810
1.400	-4.093	1.08322	1.13694	1.00867	.94193	.58405	1.23336	1.28110	1.20245	1.15018	.77306
1.400	-3.113	1.09303	1.14923	1.01365	.94553	.58670	1.24321	1.29295	1.21088	1.16018	.77744
1.400	-2.131	1.10047	1.15914	1.01977	.94691	.58846	1.25010	1.30201	1.21748	1.16969	.78057
1.400	-1.150	1.10613	1.16786	1.02423	.94774	.58965	1.25569	1.30957	1.22346	1.17666	.78419
1.400	-.152	1.10783	1.16983	1.02702	.94626	.58889	1.25793	1.31285	1.22594	1.17617	.78579
1.400	.841	1.10713	1.16901	1.02998	.94596	.58739	1.25862	1.31491	1.22773	1.17505	.78750
	GRADIENT	.00491	.00668	.00437	.00067	.00070	.00509	.00684	.00514	.00518	.00292

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

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPC3	CPL	CPC10	CPC11	CPC12	CPO4
1.450	-7.130	1.02420	1.08571	.97359	.92500	.57261	1.18409	1.23175	1.16420	1.10215	.75577
1.450	-6.125	1.04223	1.10783	.98687	.93243	.57951	1.19882	1.25192	1.17918	1.12215	.76296
1.451	-5.143	1.05677	1.12624	.99699	.93885	.58509	1.21280	1.26923	1.19168	1.13946	.77043
1.450	-4.169	1.06844	1.13918	1.00437	.94219	.58844	1.22314	1.28302	1.20281	1.15321	.77529
1.449	-3.200	1.07876	1.15210	1.01171	.94633	.59113	1.23334	1.29713	1.21377	1.16487	.78045
1.450	-2.233	1.08541	1.16201	1.01823	.94626	.59163	1.24113	1.30660	1.22083	1.17453	.78450
1.450	-1.257	1.09182	1.17134	1.02306	.94730	.59245	1.24780	1.31424	1.22675	1.18153	.78876
1.451	-.263	1.09448	1.17489	1.02719	.94656	.59204	1.25180	1.31938	1.23096	1.18264	.79262
1.450	.730	1.09219	1.17193	1.02765	.94355	.58811	1.25243	1.32125	1.23202	1.18048	.79329
	GRADIENT	.00501	.00703	.00488	.00024	.00005	.00607	.00773	.00593	.00572	.00381

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(SCM042) (03 OCT 91)

PARAMETRIC DATA

BETA = -4.000 PHI = 180.000

RUN NO. 1633/ O RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
1.469	-7.127	.98981	1.06462	.95126	.90370	.55773	1.15322	1.21407	1.14581	1.08410	.73572
1.470	-6.117	1.00698	1.08647	.96342	.90995	.56485	1.16760	1.23532	1.16313	1.10680	.74432
1.470	-5.134	1.01991	1.10446	.97216	.91540	.56977	1.17979	1.25395	1.17604	1.12498	.74975
1.470	-4.160	1.03372	1.12178	.98380	.92144	.57477	1.19184	1.26833	1.18588	1.13584	.75586
1.469	-3.186	1.04093	1.13263	.98953	.92391	.57549	1.19733	1.27669	1.19222	1.14417	.75908
1.470	-2.213	1.04792	1.14246	.99651	.92503	.57655	1.20430	1.28586	1.19906	1.15378	.76388
1.469	-1.239	1.05253	1.15121	1.00090	.92510	.57583	1.20848	1.29299	1.20403	1.15898	.76795
1.470	-.244	1.05525	1.15437	1.00534	.92475	.57519	1.21266	1.29809	1.20798	1.15983	.77162
1.469	.755	1.05356	1.15134	1.00596	.92171	.57104	1.21333	1.29823	1.20809	1.15687	.77170
	GRADIENT	.00426	.00644	.00473	.00011	-.00059	.00458	.00641	.00474	.00456	.00351

RUN NO. 1584/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
1.491	-7.114	.95069	1.05995	.94389	.89804	.55383	1.11925	1.20993	1.14062	1.08137	.73564
1.492	-6.115	.95835	1.07916	.95327	.90114	.55856	1.12497	1.22632	1.15270	1.09910	.74071
1.492	-5.125	.96683	1.09788	.96255	.90746	.56389	1.13294	1.24540	1.16808	1.11935	.74857
1.491	-4.150	.97070	1.11395	.97377	.91268	.56764	1.13734	1.25871	1.17728	1.12922	.75197
1.491	-3.172	.97029	1.12665	.98100	.91566	.56990	1.13700	1.26979	1.18509	1.13826	.75554
1.492	-2.203	.97067	1.13908	.98824	.91731	.57123	1.13889	1.28060	1.19263	1.14807	.76040
1.491	-1.228	.97103	1.14928	.99271	.91759	.57099	1.14076	1.28779	1.19737	1.15302	.76351
1.491	-.228	.97126	1.14692	.99714	.91580	.57034	1.14336	1.29298	1.20078	1.15332	.76625
1.491	.768	.97267	1.14557	.99760	.91374	.56858	1.14669	1.29652	1.20394	1.15295	.76895
	GRADIENT	.00038	.00664	.00499	.00017	-.00016	.00197	.00772	.00537	.00489	.00340

RUN NO. 1600/ O RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
1.517	-7.115	.86087	1.06289	.94730	.90375	.55805	1.04674	1.21255	1.14420	1.08610	.73690
1.517	-6.108	.84055	1.08101	.95274	.90446	.56161	1.03057	1.22869	1.15512	1.10300	.74242
1.517	-5.125	.83113	1.10148	.96274	.91124	.56758	1.02175	1.24770	1.16948	1.12267	.74988
1.517	-4.151	.82458	1.11794	.97205	.91552	.57159	1.01297	1.26035	1.17925	1.13324	.75443
1.517	-3.176	.81638	1.13342	.98072	.91827	.57499	1.00568	1.27297	1.18984	1.14460	.76002
1.517	-2.202	.79667	1.14610	.98561	.91813	.57546	.99303	1.28472	1.19880	1.15496	.76362
1.516	-1.223	.79236	1.15624	.99144	.91830	.57646	.99183	1.29512	1.20553	1.16260	.76744
1.517	-.228	.78900	1.15246	.99563	.91663	.57696	.99220	1.30166	1.21193	1.16423	.77053
1.516	.769	.79322	1.14978	.99616	.91360	.57431	.99595	1.30346	1.21372	1.16254	.77252
	GRADIENT	-.00705	.00656	.00497	-.00042	.00059	-.00367	.00905	.00715	.00617	.00365

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(SCM042) (03 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	CPR	CPC7	CPC8	CPC9	CPC3	CPL	CPC10	CPC11	CPC12	CP04
1.541	-7.114	.66678	1.06267	.93600	.89595	.55424	.87723	1.21404	1.14386	1.08610	.73837
1.541	-6.114	.66355	1.08686	.94260	.90114	.56058	.85843	1.23303	1.15709	1.10606	.74475
1.540	-5.124	.66775	1.11301	.95121	.90330	.56389	.85656	1.24963	1.16831	1.12161	.75026
1.541	-4.146	.67612	1.13959	.96360	.90726	.56896	.85922	1.26437	1.17855	1.13270	.75504
1.541	-3.176	.68427	1.15929	.97539	.90960	.57214	.86580	1.27873	1.18765	1.14188	.75861
1.541	-2.201	.69901	1.15771	.98822	.91289	.57539	.87703	1.29425	1.19677	1.15192	.76273
1.541	-1.228	.72752	1.11725	.99672	.91659	.57797	.89818	1.31014	1.20455	1.15971	.76698
1.541	-.228	.76518	1.07472	.98722	.91313	.57830	.92693	1.32513	1.20956	1.16186	.76947
1.541	.767	.76149	1.08530	.98339	.90442	.57556	.92393	1.32573	1.21173	1.16009	.77023
	GRADIENT	.02031	-.01648	.00413	-.00001	.00157	.01536	.01342	.00695	.00594	.00328

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(SCM043) (03 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	CPR	CPC7	CPC8	CPC9	CPC3	CPL	CPC10	CPC11	CPC12	CP04
.600	-7.115	.66617	.70314	.61650	.57248	.18537	.78568	.81777	.76050	.68798	.33512
.600	-6.613	.67902	.71514	.62336	.57724	.18968	.79755	.82961	.76884	.70353	.33994
.600	-6.121	.69558	.73113	.63561	.58621	.19724	.81310	.84524	.78139	.72057	.34798
.600	-5.631	.70690	.74223	.64187	.58700	.20096	.82217	.85513	.78838	.73041	.35110
.599	-5.136	.71731	.75151	.64731	.58608	.20264	.83237	.86467	.79562	.74036	.35441
.600	-4.649	.72835	.76207	.65542	.59138	.20771	.84263	.87479	.80349	.75074	.35951
.600	-4.162	.73691	.77078	.66057	.59528	.21086	.85084	.88315	.80970	.75903	.36353
.599	-3.679	.74458	.77867	.66598	.59739	.21202	.85922	.89183	.81631	.76619	.36673
.600	-3.193	.75260	.78703	.67138	.60545	.21574	.86748	.90033	.82311	.77335	.37122
.600	-2.714	.75757	.79236	.67406	.60683	.21806	.87205	.90522	.82622	.77746	.37163
.600	-2.236	.76261	.79800	.67771	.60705	.21806	.87687	.91020	.83006	.78304	.37493
.600	-1.754	.76693	.80372	.68000	.60696	.21917	.88153	.91543	.83424	.78852	.37734
.600	-1.276	.77081	.80849	.68310	.60805	.22001	.88597	.92045	.83838	.79305	.38015
.599	-.790	.77024	.80945	.68688	.60846	.21631	.88672	.92147	.83872	.79217	.37954
.601	-.308	.77397	.81278	.68452	.60719	.21993	.89089	.92577	.84298	.79433	.38529
.600	.204	.77227	.80970	.68359	.60509	.21720	.89107	.92724	.84422	.79319	.38580
.600	.715	.77031	.80881	.68250	.60176	.21516	.89066	.92741	.84464	.79217	.38726
	GRADIENT	.00804	.00913	.00512	.00195	.00152	.00903	.00986	.00769	.00796	.00508

(SCM043) (03 OCT 91)

IA310 (AEDC 16TF-783) PROBE CALIBRATION

PARAMETRIC DATA

BETA = -3.000 PHI = 180.000

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

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
.800	-7.080	.75356	.78796	.69495	.64958	.24844	.87018	.90173	.84153	.77327	.40322
.800	-6.581	.76629	.80090	.70380	.65576	.25332	.88233	.91405	.85082	.78731	.40832
.800	-6.086	.77815	.81284	.71224	.66177	.25875	.89367	.92525	.85930	.79900	.41397
.800	-5.589	.79004	.82481	.71988	.65966	.26318	.90462	.93641	.86792	.81068	.41842
.800	-5.093	.80026	.83487	.72677	.66334	.26674	.91344	.94567	.87495	.81988	.42232
.800	-4.602	.81025	.84480	.73270	.66791	.27045	.92217	.95499	.88211	.82928	.42678
.800	-4.115	.81801	.85276	.73877	.67066	.27283	.92978	.96314	.88846	.83631	.43045
.800	-3.628	.82556	.86054	.74444	.67459	.27582	.93707	.97064	.89426	.84211	.43403
.800	-3.141	.83154	.86701	.74739	.68026	.27720	.94301	.97697	.89896	.84736	.43647
.800	-2.652	.83704	.87290	.75193	.68140	.27884	.94830	.98272	.90335	.85290	.43896
.800	-2.172	.84161	.87854	.75469	.68108	.28015	.95282	.98774	.90721	.85825	.44113
.800	-1.683	.84564	.88344	.75677	.68129	.28105	.95719	.99244	.91113	.86329	.44345
.800	-1.198	.84812	.88705	.75874	.68167	.28139	.95912	.99832	.91332	.86572	.44491
.800	-.709	.85001	.89058	.75997	.68177	.28079	.96271	1.00018	.91685	.86577	.44843
.800	-.223	.85069	.89141	.76095	.68117	.28079	.96271	1.00018	.91685	.86577	.44843
.800	.286	.85054	.88861	.76168	.68036	.28032	.96388	1.00190	.91843	.86550	.44989
.800	.796	.84929	.88930	.76088	.67754	.27848	.96326	1.00193	.91871	.86461	.45060
	GRADIENT	.00734	.00852	.00512	.00176	.00157	.00762	.00872	.00676	.00682	.00436

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

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
.900	-7.086	.81678	.84979	.75692	.71225	.31764	.92847	.95942	.89903	.83398	.46824
.899	-6.578	.82835	.86119	.76458	.71724	.32144	.93947	.97066	.90733	.84612	.47247
.900	-6.086	.83980	.87323	.77320	.72272	.32696	.94964	.98128	.91565	.85673	.47675
.900	-5.594	.85053	.88437	.78028	.72047	.33142	.95971	.99138	.92332	.86747	.48139
.900	-5.099	.85962	.89354	.78626	.72428	.33396	.96812	1.00030	.93006	.87676	.48469
.900	-4.605	.86854	.90281	.79115	.72834	.33760	.97627	1.00895	.93672	.88517	.48874
.900	-4.123	.87650	.91093	.79847	.73134	.34016	.98381	1.01693	.94291	.89153	.49218
.900	-3.634	.88287	.91774	.80285	.73437	.34216	.98928	1.02274	.94728	.89601	.49431
.900	-3.146	.88913	.92468	.80662	.74093	.34480	.99548	1.02946	.95250	.90197	.49779
.900	-2.659	.89361	.92992	.81016	.74155	.34587	.99983	1.03439	.95623	.90713	.49979
.900	-2.174	.89763	.93507	.81303	.74071	.34676	1.00385	1.03920	.95989	.91261	.50161
.900	-1.693	.90142	.93970	.81485	.74103	.34782	1.00781	1.04355	.96338	.91721	.50380
.900	-1.209	.90463	.94393	.81731	.74184	.34851	1.01086	1.04708	.96614	.92017	.50562
.900	-.721	.90585	.94656	.81821	.74134	.34764	1.01279	1.04981	.96816	.92070	.50732
.900	-.237	.90691	.94760	.81958	.74093	.34738	1.01413	1.05167	.96987	.92036	.50885
.900	.275	.90535	.94375	.81894	.73881	.34559	1.01407	1.05220	.97026	.91915	.50937
.900	.785	.90485	.94451	.81907	.73687	.34467	1.01418	1.05270	.97097	.91846	.51071
	GRADIENT	.00677	.00800	.00493	.00150	.00133	.00706	.00819	.00638	.00659	.00405

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(SCMO43) (03 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	CPR	CPC7	CPC8	CPC9	CPC3	CPL	CPC10	CPC11	CPC12	CPO4
1.100	-7.037	.96983	.99923	.91210	.86869	.50975	1.07392	1.10204	1.04558	.98582	.65026
1.100	-6.520	.98026	1.00981	.91923	.87349	.51374	1.08364	1.11236	1.05311	.99651	.65435
1.100	-6.029	.98992	1.02002	.92554	.87600	.51769	1.09246	1.12181	1.06011	1.00582	.65809
1.100	-5.526	.99943	1.02972	.93193	.87547	.52124	1.10110	1.13078	1.06696	1.01508	.66143
1.100	-5.034	1.00705	1.03809	.93797	.87865	.52375	1.10840	1.13880	1.07315	1.02335	.66463
1.102	-4.532	1.01642	1.04801	.94349	.88369	.52838	1.11668	1.14734	1.07916	1.03150	.66862
1.101	-4.038	1.02180	1.05376	.94872	.88492	.52943	1.12189	1.15315	1.08421	1.03600	.67085
1.100	-3.545	1.02756	1.06020	.95275	.88934	.53093	1.12707	1.15905	1.08861	1.04055	.67286
1.100	-3.047	1.03246	1.06561	.95515	.89289	.53209	1.13130	1.16402	1.09220	1.04503	.67477
1.100	-2.557	1.03725	1.07129	.95945	.89381	.53409	1.13574	1.16885	1.09588	1.04993	.67679
1.100	-2.062	1.04163	1.07634	.96175	.89346	.53540	1.13973	1.17292	1.09921	1.05467	.67850
1.100	-1.566	1.04441	1.08063	.96396	.89428	.53620	1.14177	1.17590	1.10135	1.05781	.67922
1.099	-1.079	1.04651	1.08387	.96594	.89432	.53698	1.14321	1.17773	1.10251	1.05838	.67929
1.100	-.581	1.04891	1.08726	.96820	.89523	.53698	1.14552	1.18055	1.10481	1.05974	.68109
1.100	-.094	1.04907	1.08757	.96936	.89472	.53658	1.14567	1.18137	1.10543	1.05822	.68149
1.100	.416	1.04956	1.08578	.97005	.89446	.53679	1.14650	1.18269	1.10659	1.05802	.68268
1.100	.920	1.04835	1.08728	.96961	.89280	.53575	1.14525	1.18201	1.10602	1.05627	.68250
	GRADIENT	.00611	.00750	.00482	.00168	.00154	.00538	.00648	.00489	.00492	.00254

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

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPC3	CPL	CPC10	CPC11	CPC12	CPO4
1.250	-7.066	1.04011	1.07374	.98148	.93680	.57787	1.14363	1.17576	1.11517	1.05382	.71121
1.251	-6.560	1.05201	1.08610	.99044	.94333	.58293	1.15514	1.18759	1.12444	1.06533	.71633
1.250	-6.061	1.05954	1.09468	.99450	.94036	.58461	1.16340	1.19634	1.13074	1.07425	.71925
1.250	-5.570	1.06819	1.10424	1.00080	.94253	.58787	1.17112	1.20452	1.13654	1.08244	.72215
1.250	-5.073	1.07722	1.11347	1.00763	.94683	.59157	1.17871	1.21159	1.14195	1.09012	.72504
1.250	-4.583	1.08408	1.12079	1.01189	.94938	.59379	1.18503	1.21878	1.14759	1.09710	.72840
1.250	-4.095	1.08966	1.12687	1.01703	.95141	.59569	1.18943	1.22414	1.15169	1.10174	.73010
1.250	-3.601	1.09574	1.13327	1.02056	.95568	.59786	1.19546	1.23078	1.15695	1.10732	.73329
1.250	-3.110	1.10037	1.13888	1.02221	.95764	.59945	1.19927	1.23580	1.16066	1.11199	.73496
1.250	-2.627	1.10534	1.14413	1.02643	.95866	.60088	1.20431	1.24113	1.16483	1.11745	.73732
1.250	-2.138	1.10951	1.14962	1.03058	.96021	.60261	1.20760	1.24540	1.16811	1.12234	.73919
1.250	-1.654	1.11198	1.15284	1.03174	.95987	.60347	1.20976	1.24792	1.16982	1.12498	.73951
1.250	-1.167	1.11489	1.15728	1.03440	.96075	.60337	1.21276	1.25163	1.17279	1.12773	.74129
1.250	-.673	1.11610	1.15958	1.03557	.96064	.60322	1.21427	1.25361	1.17445	1.12810	.74258
1.250	-.189	1.11699	1.16042	1.03727	.96028	.60316	1.21575	1.25578	1.17604	1.12783	.74399
1.250	.322	1.11599	1.15712	1.03700	.95893	.60209	1.21571	1.25621	1.17625	1.12666	.74452
1.250	.832	1.11503	1.15808	1.03703	.95715	.60073	1.21527	1.25642	1.17642	1.12548	.74485
	GRADIENT	.00595	.00725	.00474	.00146	.00140	.00579	.00713	.00546	.00565	.00311

(SCMO43) (03 OCT 91)

IA310 (AEDC 16TF-783) PROBE CALIBRATION

PARAMETRIC DATA

BETA = -3.000 PHI = 180.000

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

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
1.400	-7.064	1.05676	1.10625	1.00150	.95291	.59239	1.16900	1.21302	1.14391	1.08052	.72855
1.400	-6.554	1.06555	1.11626	1.00719	.95487	.59514	1.17697	1.22224	1.15064	1.09076	.73158
1.400	-6.059	1.07441	1.12652	1.01364	.95479	.59812	1.18536	1.23150	1.15769	1.10030	.73502
1.400	-5.563	1.08292	1.13589	1.01900	.95846	.60138	1.19310	1.24011	1.16411	1.10932	.73832
1.400	-5.068	1.09083	1.14426	1.02376	.96128	.60405	1.20124	1.24850	1.17072	1.11868	.74198
1.400	-4.578	1.09644	1.15175	1.02890	.96381	.60611	1.20663	1.25535	1.17583	1.12478	.74414
1.400	-4.085	1.10339	1.15946	1.03295	.96647	.60808	1.21367	1.26343	1.18208	1.13140	.74767
1.399	-3.594	1.10886	1.16566	1.03563	.96979	.60940	1.21861	1.26934	1.18631	1.13588	.74951
1.400	-3.103	1.11326	1.17098	1.03872	.97073	.61042	1.22259	1.27407	1.18974	1.14031	.75125
1.400	-2.616	1.11852	1.17778	1.04432	.97293	.61263	1.22722	1.27975	1.19415	1.14617	.75366
1.400	-2.126	1.12151	1.18173	1.04702	.97285	.61319	1.23003	1.28307	1.19661	1.14993	.75481
1.399	-1.639	1.12382	1.18584	1.04893	.97262	.61301	1.23224	1.28605	1.19874	1.15307	.75537
1.399	-1.150	1.12702	1.19040	1.05095	.97340	.61375	1.23479	1.28945	1.20186	1.15588	.75718
1.400	-.660	1.12882	1.19373	1.05339	.97373	.61447	1.23688	1.29260	1.20489	1.15742	.75948
1.400	-.174	1.12906	1.19357	1.05419	.97230	.61378	1.23800	1.29409	1.20616	1.15637	.76015
1.400	.336	1.12834	1.18994	1.05483	.97094	.61272	1.23851	1.29543	1.20735	1.15609	.76126
1.400	.843	1.12761	1.19088	1.05647	.97089	.61212	1.23818	1.29591	1.20764	1.15498	.76215
	GRADIENT	.00579	.00751	.00516	.00108	.00115	.00571	.00734	.00582	.00580	.00318

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

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
1.449	-7.106	1.04547	1.11059	1.00100	.95424	.59705	1.16032	1.21331	1.14394	1.08298	.72978
1.450	-6.598	1.05469	1.12123	1.00705	.95445	.59996	1.16992	1.22463	1.15263	1.09470	.73456
1.450	-6.106	1.06378	1.13193	1.01442	.95732	.60404	1.17725	1.23383	1.15840	1.10339	.73738
1.449	-5.614	1.07148	1.14058	1.01941	.96018	.60677	1.18443	1.24203	1.16430	1.11149	.74076
1.450	-5.123	1.07723	1.14714	1.02203	.96170	.60832	1.19052	1.24969	1.17020	1.11980	.74400
1.449	-4.630	1.08305	1.15453	1.02638	.96387	.61032	1.19556	1.25725	1.17606	1.12693	.74630
1.450	-4.150	1.08947	1.16219	1.03222	.96657	.61273	1.20130	1.26535	1.18234	1.13358	.74918
1.450	-3.665	1.09561	1.16960	1.03612	.97007	.61436	1.20805	1.27316	1.18832	1.14026	.75228
1.450	-3.178	1.10077	1.17596	1.03916	.97216	.61564	1.21254	1.27886	1.19263	1.14541	.75442
1.450	-2.698	1.10332	1.18063	1.04282	.97191	.61589	1.21482	1.28294	1.19534	1.14930	.75587
1.450	-2.219	1.10811	1.18718	1.04740	.97365	.61793	1.21943	1.28815	1.19962	1.15481	.75895
1.450	-1.734	1.10996	1.19104	1.04833	.97286	.61920	1.22161	1.29101	1.20210	1.15800	.75963
1.450	-1.255	1.11281	1.19569	1.05147	.97399	.61791	1.22438	1.29496	1.20593	1.16109	.76168
1.450	-.772	1.11398	1.19796	1.05286	.97306	.61717	1.22633	1.29775	1.20868	1.16248	.76365
1.450	-.288	1.11363	1.19744	1.05314	.97099	.61555	1.22711	1.29932	1.20983	1.16129	.76465
1.451	.225	1.11401	1.19561	1.05543	.97078	.61504	1.22948	1.30206	1.21260	1.16228	.76741
1.450	.732	1.11209	1.19440	1.05477	.96865	.61188	1.22898	1.30075	1.21122	1.15965	.76640
	GRADIENT	.00548	.00785	.00529	.00076	.00042	.00614	.00809	.00665	.00639	.00386

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

(SCMO43) (03 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	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
1.469	-7.100	1.01313	1.08988	.97834	.93237	.58345	1.13150	1.19808	1.12737	1.06702	.71239
1.469	-6.593	1.02158	1.10090	.98486	.93282	.58736	1.13751	1.20750	1.13526	1.07859	.71597
1.470	-6.099	1.02893	1.11125	.99123	.93513	.59013	1.14479	1.21850	1.14345	1.08945	.71968
1.469	-5.607	1.03465	1.11968	.99560	.93744	.59163	1.15045	1.22722	1.14922	1.09810	.72073
1.469	-5.111	1.04261	1.12926	1.00049	.94105	.59444	1.15826	1.23585	1.15523	1.10575	.72387
1.469	-4.624	1.04879	1.13722	1.00676	.94393	.59676	1.16317	1.24169	1.15928	1.11038	.72612
1.470	-4.135	1.05415	1.14338	1.01124	.94523	.59851	1.16829	1.24827	1.16460	1.11624	.73026
1.470	-3.649	1.05870	1.14988	1.01411	.94940	.59977	1.17246	1.25457	1.16885	1.12166	.73318
1.469	-3.165	1.06250	1.15435	1.01608	.94977	.59992	1.17546	1.25842	1.17134	1.12537	.73400
1.469	-2.682	1.06610	1.16005	1.02081	.95076	.60112	1.17816	1.26270	1.17427	1.12948	.73574
1.469	-2.199	1.06957	1.16552	1.02373	.95117	.60139	1.18185	1.26703	1.17685	1.13291	.73814
1.469	-1.719	1.07310	1.17046	1.02597	.95162	.60133	1.18552	1.26987	1.17887	1.13479	.73995
1.469	-1.235	1.07501	1.17441	1.02816	.95157	.60022	1.18765	1.27183	1.18079	1.13618	.74131
1.470	-.749	1.07698	1.17822	1.03064	.95163	.60022	1.19042	1.27495	1.18380	1.13784	.74379
1.471	-.267	1.07877	1.17919	1.03351	.95212	.60021	1.19323	1.27863	1.18687	1.13923	.74694
1.469	.244	1.07653	1.17464	1.03378	.95012	.59725	1.19305	1.27938	1.18754	1.13794	.74751
1.469	.756	1.07625	1.17547	1.03521	.94968	.59531	1.19413	1.28030	1.18844	1.13725	.74846
	GRADIENT	.00535	.00770	.00537	.00093	-.00018	.00585	.00708	.00529	.00501	.00406

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

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
1.491	-7.089	.96947	1.08371	.97011	.92245	.57715	1.09134	1.19080	1.11944	1.06265	.70992
1.491	-6.585	.97523	1.09516	.97714	.92418	.58104	1.09610	1.20086	1.12682	1.07325	.71351
1.492	-6.093	.97910	1.10310	.98114	.92545	.58260	1.09953	1.20863	1.13288	1.08221	.71621
1.491	-5.601	.98263	1.11366	.98721	.93022	.58656	1.10215	1.21812	1.13970	1.09216	.71933
1.491	-5.108	.98385	1.12227	.99117	.93272	.58865	1.10427	1.22600	1.14576	1.09964	.72224
1.491	-4.614	.98429	1.12931	.99631	.93457	.59035	1.10429	1.23194	1.14971	1.10421	.72371
1.492	-4.132	.98261	1.13674	1.00095	.93723	.59211	1.10381	1.23911	1.15527	1.11011	.72636
1.491	-3.646	.98302	1.14311	1.00274	.93887	.59274	1.10445	1.24526	1.15952	1.11479	.72839
1.491	-3.156	.98302	1.14927	1.00612	.93932	.59350	1.10442	1.25069	1.16275	1.11872	.72973
1.491	-2.672	.98318	1.15623	1.01021	.94101	.59482	1.10482	1.25537	1.16591	1.12260	.73143
1.491	-2.191	.98207	1.16249	1.01404	.94207	.59568	1.10454	1.25977	1.16917	1.12584	.73359
1.491	-1.708	.98022	1.16799	1.01677	.94251	.59564	1.10374	1.26302	1.17157	1.12808	.73521
1.492	-1.224	.97778	1.17267	1.01953	.94290	.59574	1.10271	1.26637	1.17409	1.13002	.73697
1.491	-.736	.97667	1.17459	1.02149	.94236	.59515	1.10335	1.26897	1.17607	1.13058	.73866
1.491	-.252	.97442	1.17187	1.02291	.94119	.59416	1.10282	1.27065	1.17747	1.13009	.74011
1.491	.260	.97397	1.16847	1.02350	.94005	.59257	1.10484	1.27248	1.17865	1.12956	.74111
1.491	.772	.97639	1.16817	1.02397	.93907	.59155	1.10823	1.27420	1.18022	1.12946	.74238
	GRADIENT	-.00197	.00783	.00541	.00080	.00027	.00021	.00767	.00548	.00460	.00346

(SCMO43) (03 OCT 91)

PARAMETRIC DATA

BETA = -3.000 PHI = 180.000

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

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CP04
1.516	-7.094	.86818	1.08646	.97284	.92664	.58134	1.00494	1.19295	1.12258	1.06686	.71094
1.516	-6.586	.86095	1.09702	.97839	.92790	.58384	.99890	1.20286	1.12951	1.07743	.71513
1.516	-6.094	.85183	1.10627	.98232	.93060	.58681	.98843	1.20973	1.13424	1.08477	.71716
1.517	-5.600	.84695	1.11516	.98581	.93290	.58912	.98466	1.21860	1.14048	1.09415	.72020
1.517	-5.109	.84848	1.12634	.99349	.93734	.59283	.98474	1.22858	1.14844	1.10434	.72428
1.517	-4.619	.84244	1.13442	.99734	.93904	.59416	.97803	1.23534	1.15320	1.10958	.72625
1.517	-4.132	.83600	1.14197	1.00004	.94147	.59551	.97239	1.24245	1.15884	1.11525	.72928
1.517	-3.646	.82598	1.14931	1.00386	.94260	.59734	.96456	1.24972	1.16418	1.12063	.73168
1.516	-3.155	.82218	1.15620	1.00745	.94341	.59827	.96193	1.25669	1.16892	1.12563	.73377
1.516	-2.672	.81230	1.16305	1.00999	.94350	.59873	.95490	1.26332	1.17351	1.12998	.73550
1.517	-2.189	.80747	1.17032	1.01358	.94435	.59977	.95074	1.26887	1.17746	1.13396	.73716
1.517	-1.706	.80203	1.17539	1.01477	.94286	.59905	.94735	1.27248	1.18018	1.13655	.73769
1.516	-1.222	.79928	1.17952	1.01699	.94239	.59882	.94477	1.27612	1.18298	1.13846	.73882
1.517	-.736	.79908	1.18197	1.02014	.94240	.59959	.94527	1.28131	1.18720	1.14108	.74135
1.516	-.252	.80049	1.17908	1.02190	.94135	.59888	.94895	1.28395	1.18912	1.14117	.74268
1.517	.260	.80106	1.17495	1.02253	.94046	.59835	.95008	1.28689	1.19174	1.14202	.74544
1.517	.772	.80145	1.17383	1.02226	.93815	.59660	.95111	1.28711	1.19232	1.14096	.74665
1.517	GRADIENT	-.00789	.00802	.00493	-.00027	.00049	-.00517	.00984	.00733	.00598	.00355

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

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CP04
1.541	-7.093	.68609	1.08685	.96245	.91968	.57717	.83287	1.19512	1.12237	1.06839	.71384
1.541	-6.587	.68402	1.09861	.96406	.92219	.57993	.82602	1.20359	1.12802	1.07733	.71586
1.541	-6.093	.68656	1.11173	.97059	.92567	.58319	.82611	1.21459	1.13576	1.08802	.72013
1.541	-5.601	.68943	1.12476	.97503	.92764	.58531	.82492	1.22175	1.14057	1.09456	.72188
1.541	-5.110	.69320	1.13856	.98073	.93004	.58775	.82716	1.23134	1.14677	1.10111	.72535
1.542	-4.618	.69864	1.15151	.98643	.93172	.58948	.83028	1.23911	1.15155	1.10640	.72719
1.541	-4.127	.70407	1.16353	.99157	.93244	.59070	.83446	1.24767	1.15638	1.11175	.72885
1.541	-3.644	.71199	1.17581	.99753	.93369	.59195	.84085	1.25747	1.16145	1.11713	.73081
1.541	-3.155	.72515	1.18663	1.00516	.93657	.59446	.85125	1.26816	1.16660	1.12250	.73273
1.541	-2.672	.74649	1.18889	1.01368	.93878	.59588	.86874	1.28067	1.17115	1.12770	.73431
1.541	-2.187	.78991	1.14879	1.02346	.94265	.59755	.90389	1.30144	1.17610	1.13357	.73631
1.541	-1.707	.82287	1.10105	1.02707	.94416	.59830	.93158	1.31911	1.17959	1.13651	.73726
1.541	-1.220	.84427	1.07631	1.02764	.94603	.60022	.94932	1.33151	1.18405	1.13964	.73933
1.541	-.734	.85735	1.06357	1.02350	.94473	.60074	.96055	1.34029	1.18746	1.14104	.74110
1.541	-.250	.86561	1.06015	1.01879	.94173	.60103	.96896	1.34584	1.19022	1.14167	.74268
1.541	.259	.87007	1.05998	1.01508	.93705	.59997	.97342	1.34910	1.19196	1.14111	.74399
1.541	.770	.87094	1.06261	1.01337	.93371	.59858	.97474	1.35084	1.19320	1.14054	.74396
1.541	GRADIENT	.03904	-.02664	.00567	.00129	.00209	.03260	.02357	.00807	.00675	.00327

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(SCMO44) (03 OCT 91)

PARAMETRIC DATA

BETA = -2.500 PHI = 180.000

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

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPC3	CPL	CPC10	CPC11	CPC12	CP04
.599	-7.098	.67721	.71468	.62892	.58453	.19912	.77473	.80797	.74883	.67833	.32034
.599	-6.592	.69331	.73020	.63922	.59175	.20461	.79109	.82376	.76161	.69704	.32797
.599	-6.103	.70433	.74067	.64617	.59667	.20866	.80033	.83335	.76802	.70733	.33150
.599	-5.605	.71860	.75445	.65523	.59841	.21365	.81309	.84604	.77778	.71990	.33634
.599	-5.117	.72926	.76436	.66130	.59994	.21737	.82266	.85595	.78519	.73083	.34072
.599	-4.631	.74169	.77641	.67038	.60639	.22261	.83421	.86714	.79406	.74199	.34628
.600	-4.147	.74770	.78268	.67407	.60795	.22435	.83994	.87311	.79819	.74780	.34835
.600	-3.656	.75628	.79119	.68056	.61157	.22776	.84876	.88167	.80479	.75486	.35263
.599	-3.174	.76338	.79847	.68418	.61792	.22873	.85630	.88920	.81053	.76099	.35511
.600	-2.697	.76879	.80452	.68784	.62061	.23052	.86131	.89475	.81443	.76623	.35737
.600	-2.219	.77501	.81156	.69273	.62230	.23263	.86749	.90098	.81950	.77270	.36000
.600	-1.743	.77802	.81464	.69321	.62042	.23382	.87082	.90472	.82235	.77677	.36266
.600	-1.267	.78177	.82020	.69571	.62115	.23344	.87472	.90963	.82599	.78327	.36405
.599	-.789	.78499	.82420	.69803	.62210	.23395	.87923	.91429	.83020	.78059	.36766
.600	-.311	.78385	.82381	.69715	.61960	.23234	.87934	.91516	.83081	.78276	.36965
.600	.200	.78277	.82046	.69711	.61762	.23027	.88065	.91683	.83243	.78156	.37095
.600	.717	.78086	.82074	.69560	.61471	.22829	.88041	.91750	.83343	.78071	.37243
	GRADIENT	.00787	.00892	.00502	.00184	.00132	.00902	.00981	.00766	.00783	.00504

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

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPC3	CPL	CPC10	CPC11	CPC12	CP04
.800	-7.069	.76529	.80056	.70844	.66289	.26340	.86111	.89347	.83161	.76495	.39032
.800	-6.563	.77753	.81345	.71715	.66835	.26797	.87357	.90616	.84117	.77847	.39576
.800	-6.066	.78930	.82516	.72557	.67402	.27232	.88470	.91732	.84998	.78991	.40043
.800	-5.573	.80091	.83700	.73365	.67187	.27754	.89519	.92776	.85788	.80126	.40494
.800	-5.085	.81146	.84738	.74013	.67709	.28105	.90461	.93766	.86530	.81126	.40885
.800	-4.594	.82070	.85651	.74546	.68075	.28465	.91279	.94618	.87184	.81929	.41286
.800	-4.100	.82968	.86515	.75274	.68419	.28766	.92040	.95428	.87782	.82580	.41627
.800	-3.613	.83714	.87280	.75807	.68754	.29044	.92756	.96150	.88348	.83160	.41971
.800	-3.126	.84280	.87904	.76142	.69361	.29239	.93354	.96784	.88831	.83703	.42252
.800	-2.638	.84869	.88541	.76598	.69595	.29431	.93915	.97394	.89305	.84294	.42501
.800	-2.158	.85307	.89085	.76886	.69568	.29600	.94324	.97815	.89628	.84753	.42681
.800	-1.675	.85692	.89529	.77071	.69531	.29659	.94728	.98298	.89991	.85232	.42891
.800	-1.194	.85974	.89977	.77279	.69687	.29687	.94999	.98619	.90248	.85484	.43037
.800	-.709	.86140	.90241	.77437	.69563	.29624	.95244	.98939	.90498	.85565	.43259
.800	-.229	.86193	.90384	.77514	.69480	.29555	.95377	.99117	.90665	.85543	.43450
.800	.283	.86102	.90012	.77531	.69338	.29443	.95464	.99240	.90792	.85501	.43600
.800	.797	.86002	.90193	.77440	.69122	.29310	.95459	.99298	.90874	.85441	.43724
	GRADIENT	.00730	.00857	.00522	.00185	.00155	.00776	.00871	.00684	.00680	.00443

(SCM044) (03 OCT 91)

IA310 (AEDC 16TF-783) PROBE CALIBRATION

PARAMETRIC DATA

BETA = -2.500 PHI = 180.000

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

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
.900	-7.073	.82805	.86178	.77035	.72480	.33205	.91905	.95036	.88878	.82421	.45466
.900	-6.565	.83920	.87362	.77797	.73010	.33607	.93087	.96292	.89824	.83715	.46009
.899	-6.070	.84989	.88465	.78497	.73438	.33986	.94057	.97273	.90535	.84700	.46327
.900	-5.578	.86120	.89621	.79323	.73284	.34516	.95052	.98300	.91329	.85797	.46793
.900	-5.088	.87137	.90653	.80025	.73815	.34921	.95929	.99225	.92047	.86740	.47183
.900	-4.596	.87933	.91445	.80436	.74102	.35138	.96657	.99980	.92597	.87474	.47447
.900	-4.106	.88705	.92264	.81168	.74423	.35428	.97412	1.00782	.93234	.88134	.47815
.900	-3.618	.89390	.92980	.81664	.74754	.35707	.98064	1.01477	.93772	.88699	.48169
.900	-3.129	.89978	.93628	.81993	.75388	.35905	.98656	1.02108	.94241	.89249	.48421
.900	-2.645	.90465	.94206	.82389	.75509	.36069	.99119	1.02598	.94632	.89755	.48632
.900	-2.163	.90892	.94666	.82612	.75431	.36145	.99490	1.03035	.94957	.90242	.48764
.900	-1.685	.91242	.95110	.82864	.75460	.36280	.99860	1.03446	.95275	.90677	.48979
.900	-1.202	.91532	.95531	.83050	.75511	.36274	1.00155	1.03785	.95552	.90955	.49133
.900	-.722	.91681	.95789	.83235	.75495	.36244	1.00385	1.04073	.95781	.91014	.49344
.900	-.241	.91756	.95942	.83305	.75425	.36179	1.00529	1.04268	.95958	.91025	.49525
.900	.270	.91639	.95571	.83303	.75255	.35998	1.00580	1.04402	.96089	.90974	.49651
.900	.787	.91549	.95661	.83219	.75039	.35880	1.00582	1.04448	.96159	.90893	.49755
.900	GRADIENT	.00680	.00804	.00501	.00165	.00136	.00726	.00826	.00653	.00662	.00415

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

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
1.100	-7.032	.97882	1.00911	.92284	.87867	.52140	1.06468	1.09362	1.03596	.97638	.63768
1.100	-6.521	.98951	1.02022	.93070	.88459	.52592	1.07466	1.10396	1.04369	.98659	.64181
1.100	-6.020	.99903	1.03015	.93651	.88604	.52931	1.08444	1.11434	1.05137	.99721	.64631
1.100	-5.523	1.00872	1.04051	.94398	.88686	.53370	1.09281	1.12306	1.05791	1.00609	.64950
1.100	-5.026	1.01666	1.04897	.94985	.89047	.53652	1.10000	1.13067	1.06351	1.01399	.65229
1.100	-4.534	1.02465	1.05703	.95430	.89388	.53919	1.10690	1.13813	1.06913	1.02108	.65517
1.100	-4.035	1.03123	1.06408	.96018	.89638	.54141	1.11317	1.14492	1.07440	1.02646	.65830
1.100	-3.535	1.03703	1.07033	.96430	.90041	.54325	1.11830	1.15049	1.07875	1.03071	.66042
1.100	-3.035	1.04209	1.07605	.96703	.90453	.54460	1.12365	1.15637	1.08337	1.03638	.66290
1.100	-2.549	1.04673	1.08143	.97057	.90455	.54624	1.12749	1.16057	1.08642	1.04094	.66414
1.100	-2.058	1.05054	1.08602	.97316	.90503	.54748	1.13040	1.16404	1.08878	1.04481	.66498
1.100	-1.566	1.05429	1.09108	.97643	.90631	.54913	1.13387	1.16789	1.09205	1.04891	.66703
1.100	-1.077	1.05617	1.09437	.97845	.90658	.54910	1.13522	1.16987	1.09348	1.04978	.66734
1.100	-.583	1.05824	1.09738	.98114	.90708	.54955	1.13708	1.17231	1.09542	1.05043	.66866
1.100	-.099	1.05884	1.09816	.98170	.90692	.54934	1.13777	1.17352	1.09646	1.04943	.66944
1.100	.414	1.05865	1.09600	.98202	.90621	.54874	1.13800	1.17442	1.09712	1.04887	.67038
1.100	.921	1.05779	1.09875	.98243	.90496	.54827	1.13734	1.17394	1.09682	1.04717	.67035
1.100	GRADIENT	.00620	.00772	.00513	.00195	.00172	.00558	.00660	.00508	.00510	.00268

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(SCM044) (03 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	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
1.250	-7.059	1.05040	1.08484	.99348	.94819	.58966	1.13535	1.16816	1.10614	1.04474	.69913
1.250	-6.549	1.06041	1.09584	1.00094	.95323	.59336	1.14539	1.17875	1.11402	1.05523	.70327
1.250	-6.056	1.06979	1.10600	1.00739	.95205	.59728	1.15458	1.18821	1.12126	1.06531	.70712
1.250	-5.559	1.07847	1.11517	1.01297	.95428	.60009	1.16310	1.19665	1.12748	1.07381	.71027
1.250	-5.062	1.08727	1.12445	1.01972	.95884	.60403	1.17015	1.20405	1.13307	1.08174	.71344
1.250	-4.571	1.09302	1.13051	1.02378	.96077	.60587	1.17482	1.20916	1.13690	1.08713	.71519
1.250	-4.078	1.09955	1.13747	1.02932	.96343	.60818	1.18114	1.21640	1.14278	1.09332	.71861
1.250	-3.587	1.10559	1.14380	1.03217	.96752	.61048	1.18641	1.22251	1.14746	1.09834	.72112
1.250	-3.101	1.11000	1.14879	1.03429	.96951	.61150	1.19049	1.22718	1.15065	1.10249	.72236
1.250	-2.615	1.11524	1.15480	1.03934	.97173	.61345	1.19518	1.23234	1.15467	1.10777	.72450
1.250	-2.128	1.11930	1.15980	1.04260	.97243	.61480	1.19884	1.23642	1.15775	1.11233	.72608
1.250	-1.645	1.12169	1.16341	1.04398	.97203	.61514	1.20143	1.23972	1.16015	1.11566	.72736
1.250	-1.159	1.12385	1.16706	1.04657	.97251	.61559	1.20357	1.24251	1.16222	1.11728	.72819
1.250	-.679	1.12614	1.16983	1.04850	.97268	.61559	1.20653	1.24570	1.16488	1.11844	.73020
1.250	-.193	1.12570	1.16973	1.04817	.97118	.61444	1.20694	1.24650	1.16538	1.11693	.73079
1.250	.318	1.12551	1.16826	1.04925	.97105	.61420	1.20800	1.24833	1.16720	1.11737	.73292
1.249	.832	1.12482	1.16957	1.04923	.96947	.61312	1.20791	1.24841	1.16741	1.11635	.73333
	GRADIENT	.00595	.00739	.00476	.00148	.00135	.00613	.00725	.00556	.00557	.00320

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

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
1.400	-7.053	1.06613	1.11644	1.01291	.96474	.60318	1.15775	1.20283	1.13248	1.06975	.71452
1.400	-6.544	1.07716	1.12854	1.02002	.96577	.60771	1.16788	1.21388	1.14087	1.08194	.71917
1.400	-6.050	1.08476	1.13729	1.02552	.96619	.61018	1.17481	1.22183	1.14653	1.09033	.72178
1.400	-5.553	1.09317	1.14727	1.03192	.97046	.61363	1.18353	1.23120	1.15366	1.10009	.72545
1.400	-5.060	1.09935	1.15440	1.03556	.97252	.61513	1.18939	1.23827	1.15907	1.10802	.72802
1.400	-4.564	1.10754	1.16360	1.04224	.97673	.61871	1.19720	1.24682	1.16597	1.11589	.73157
1.400	-4.076	1.11384	1.17093	1.04583	.97922	.62089	1.20292	1.25328	1.17057	1.12088	.73394
1.400	-3.582	1.11918	1.17719	1.04996	.98298	.62224	1.20770	1.25925	1.17502	1.12596	.73622
1.400	-3.092	1.12388	1.18255	1.05299	.98518	.62364	1.21228	1.26439	1.17892	1.13086	.73825
1.400	-2.605	1.12836	1.18806	1.05671	.98557	.62432	1.21621	1.26916	1.18206	1.13478	.73932
1.400	-2.118	1.13246	1.19355	1.06037	.98642	.62593	1.21990	1.27341	1.18570	1.13971	.74141
1.400	-1.634	1.13433	1.19714	1.06221	.98609	.62582	1.22188	1.27665	1.18845	1.14302	.74257
1.400	-1.148	1.13755	1.20156	1.06546	.98730	.62521	1.22509	1.28083	1.19208	1.14525	.74458
1.400	-.662	1.13877	1.20293	1.06570	.98571	.62579	1.22573	1.28261	1.19361	1.14566	.74536
1.400	-.177	1.13879	1.20374	1.06710	.98485	.62546	1.22775	1.28524	1.19588	1.14549	.74694
1.400	.333	1.13746	1.20083	1.06696	.98282	.62400	1.22798	1.28609	1.19664	1.14466	.74784
1.400	.845	1.13802	1.20262	1.06925	.98308	.62433	1.22902	1.28769	1.19831	1.14538	.75004
	GRADIENT	.00559	.00735	.00499	.00087	.00094	.00579	.00754	.00601	.00559	.00325

IA310 (AEDC 16TF-783) PROBE CALIBRATION (SCMO44) (03 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	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
1.450	-7.083	1.05773	1.12387	1.01537	.96667	.61036	1.15062	1.20529	1.13463	1.07470	.71809
1.450	-6.580	1.06597	1.13320	1.02074	.96597	.61272	1.15888	1.21548	1.14195	1.08568	.72151
1.451	-6.087	1.07479	1.14358	1.02773	.96934	.61672	1.16677	1.22498	1.14872	1.09441	.72520
1.450	-5.596	1.08169	1.15121	1.03167	.97121	.61847	1.17405	1.23297	1.15454	1.10247	.72845
1.450	-5.106	1.08832	1.15923	1.03579	.97468	.62173	1.17885	1.24007	1.15935	1.11024	.73060
1.450	-4.616	1.09524	1.16771	1.04186	.97773	.62413	1.18572	1.24937	1.16691	1.11875	.73428
1.450	-4.127	1.10068	1.17474	1.04662	.97972	.62567	1.19087	1.25659	1.17210	1.12426	.73618
1.450	-3.640	1.10686	1.18174	1.05034	.98355	.62750	1.19664	1.26308	1.17714	1.12977	.73933
1.449	-3.158	1.11045	1.18701	1.05161	.98353	.62708	1.20054	1.26878	1.18095	1.13431	.74031
1.450	-2.676	1.11534	1.19350	1.05681	.98535	.62964	1.20430	1.27376	1.18489	1.13913	.74324
1.450	-2.202	1.11867	1.19859	1.06030	.98632	.63057	1.20738	1.27760	1.18808	1.14348	.74497
1.450	-1.726	1.12027	1.20218	1.06235	.98631	.63033	1.20922	1.28141	1.19141	1.14712	.74609
1.450	-1.249	1.12323	1.20542	1.06478	.98679	.63058	1.21314	1.28589	1.19577	1.15008	.74821
1.450	-.769	1.12403	1.20828	1.06648	.98634	.63032	1.21502	1.28977	1.19924	1.15176	.75072
1.450	-.291	1.12339	1.20768	1.06656	.98398	.62821	1.21578	1.29132	1.20020	1.15070	.75176
1.450	.220	1.12294	1.20593	1.06733	.98253	.62605	1.21755	1.29298	1.20152	1.15039	.75306
1.450	.736	1.12197	1.20630	1.06827	.98149	.62464	1.21810	1.29339	1.20230	1.14999	.75408
	GRADIENT	.00508	.00746	.00499	.00063	.00023	.00601	.00835	.00682	.00613	.00380

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

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
1.470	-7.080	1.02498	1.10234	.99200	.94281	.59631	1.11997	1.18896	1.11722	1.05811	.69988
1.469	-6.577	1.03181	1.11267	.99810	.94448	.59920	1.12567	1.19927	1.12494	1.06930	.70294
1.469	-6.086	1.03967	1.12335	1.00495	.94779	.60220	1.13334	1.20955	1.13290	1.08019	.70610
1.469	-5.591	1.04692	1.13235	1.00986	.95091	.60415	1.14040	1.21825	1.13865	1.08936	.70783
1.469	-5.097	1.05351	1.14049	1.01454	.95386	.60636	1.14674	1.22585	1.14391	1.09577	.71069
1.470	-4.609	1.06108	1.14990	1.02203	.95837	.61031	1.15349	1.23413	1.15072	1.10305	.71573
1.468	-4.120	1.06402	1.15405	1.02421	.95866	.61012	1.15516	1.23729	1.15236	1.10511	.71580
1.470	-3.632	1.06991	1.16118	1.02812	.96268	.61233	1.16102	1.24420	1.15778	1.10511	.71945
1.470	-3.150	1.07473	1.16727	1.03140	.96407	.61388	1.16506	1.24983	1.16199	1.11654	.72179
1.471	-2.670	1.07851	1.17300	1.03485	.96452	.61450	1.16842	1.25371	1.16419	1.11936	.72340
1.470	-2.185	1.08120	1.17696	1.03670	.96396	.61379	1.17129	1.25539	1.16514	1.12105	.72479
1.470	-1.710	1.08437	1.18288	1.04075	.96552	.61465	1.17408	1.25910	1.16812	1.12446	.72716
1.470	-1.232	1.08456	1.18515	1.04196	.96455	.61312	1.17489	1.26144	1.17005	1.12542	.72791
1.470	-.748	1.08582	1.18866	1.04414	.96448	.61229	1.17754	1.26511	1.17317	1.12527	.73050
1.471	-.271	1.08693	1.18960	1.04642	.96428	.61120	1.18034	1.26853	1.17612	1.12857	.73355
1.470	.242	1.08430	1.18599	1.04610	.96201	.60804	1.18025	1.26904	1.17626	1.12690	.73445
1.484	.756	1.08358	1.18547	1.04655	.96053	.60552	1.18072	1.26963	1.17672	1.12575	.73506
	GRADIENT	.00450	.00739	.00493	.00049	-.00066	.00537	.00685	.00509	.00462	.00388

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(SCM044) (03 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	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
1.491	-7.079	.97973	1.09632	.98349	.93292	.58995	1.07825	1.18194	1.10972	1.05433	.69775
1.492	-6.571	.98549	1.10668	.99020	.93565	.59349	1.08229	1.19078	1.11589	1.06325	.70050
1.491	-6.082	.98896	1.11571	.99538	.93852	.59568	1.08609	1.20049	1.12342	1.07427	.70402
1.491	-5.586	.99074	1.12543	.99988	.94184	.59816	1.08811	1.20917	1.12953	1.08386	.70698
1.492	-5.091	.99160	1.13354	1.00511	.94479	.60075	1.08874	1.21647	1.13466	1.09051	.70968
1.492	-4.603	.99062	1.14131	1.00996	.94715	.60269	1.08800	1.22340	1.13964	1.09592	.71168
1.492	-4.111	.99160	1.14865	1.01414	.94995	.60516	1.08829	1.22972	1.14402	1.10043	.71336
1.491	-3.622	.99076	1.15480	1.01648	.95193	.60573	1.08767	1.23540	1.14768	1.10440	.71462
1.492	-3.141	.98948	1.16187	1.01989	.95256	.60668	1.08726	1.24083	1.15166	1.10839	.71694
1.492	-2.659	.99026	1.16944	1.02516	.95466	.60834	1.08801	1.24570	1.15522	1.11188	.71907
1.491	-2.175	.98407	1.17313	1.02736	.95450	.60794	1.08290	1.24817	1.15647	1.11341	.71878
1.491	-1.701	.98216	1.17851	1.03053	.95548	.60830	1.08201	1.25194	1.15947	1.11648	.72101
1.491	-1.219	.97943	1.18304	1.03300	.95543	.60802	1.08112	1.25505	1.16185	1.11829	.72293
1.492	-.736	.97788	1.18541	1.03537	.95560	.60810	1.08173	1.25854	1.16491	1.12013	.72586
1.492	-.256	.97725	1.18370	1.03625	.95430	.60662	1.08334	1.26064	1.16656	1.12019	.72750
1.492	.257	.97604	1.18104	1.03686	.95303	.60481	1.08505	1.26258	1.16809	1.12003	.72912
1.492	.772	.97898	1.17978	1.03729	.95178	.60352	1.08925	1.26400	1.16919	1.11947	.73025
1.492		-.00327	.00776	.00538	.00081	.00013	-.00067	.00748	.00549	.00451	.00356

RUN NO. 1602/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
1.516	-7.084	.87681	1.09800	.98524	.93756	.59273	.98793	1.18299	1.11115	1.05712	.69777
1.516	-6.572	.87081	1.10761	.99095	.93866	.59545	.98170	1.19111	1.11685	1.06610	.70076
1.517	-6.076	.86425	1.11901	.99695	.94321	.59866	.97510	1.20149	1.12464	1.07718	.70560
1.517	-5.580	.86009	1.12842	1.00104	.94620	.60211	.97060	1.20966	1.13055	1.08625	.70820
1.516	-5.096	.85846	1.13789	1.00719	.94935	.60461	.96673	1.21749	1.13627	1.09358	.71007
1.517	-4.604	.85662	1.14575	1.01072	.95120	.60612	.96366	1.22403	1.14071	1.09827	.71196
1.517	-4.112	.84653	1.15321	1.01292	.95360	.60760	.95595	1.23212	1.14686	1.10455	.71547
1.517	-3.624	.83919	1.16034	1.01641	.95409	.60879	.95036	1.23962	1.15206	1.10939	.71784
1.517	-3.139	.83198	1.16753	1.02012	.95473	.61009	.94416	1.24644	1.15676	1.11376	.71990
1.517	-2.660	.82352	1.17519	1.02361	.95581	.61099	.93707	1.25333	1.16151	1.11811	.72176
1.517	-2.178	.82293	1.18452	1.02893	.95838	.61329	.93778	1.26098	1.16759	1.12455	.72474
1.517	-1.698	.81601	1.18811	1.02916	.95598	.61158	.93213	1.26345	1.16884	1.12570	.72440
1.517	-1.218	.81405	1.19201	1.03119	.95529	.61109	.93096	1.26756	1.17159	1.12776	.72532
1.517	-.736	.81792	1.19511	1.03492	.95628	.61177	.93604	1.27257	1.17584	1.13044	.72840
1.517	-.255	.81479	1.19299	1.03561	.95443	.61035	.93529	1.27500	1.17759	1.13041	.72962
1.517	.257	.81738	1.18843	1.03656	.95345	.60972	.94007	1.27828	1.18059	1.13170	.73282
1.516	.771	.81548	1.18535	1.03446	.94961	.60678	.93869	1.27816	1.18051	1.12995	.73313
1.516		-.00713	.00842	.00507	-.00010	.00031	-.00422	.01032	.00753	.00614	.00378

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

(SCMO45) (03 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	CPR	CPC7	CPC8	CPC9	CPC3	CPL	CPC10	CPC11	CPC12	CP04
.599	-7.078	.68903	.72729	.64139	.59678	.21237	.76521	.79925	.73872	.66953	.30579
.599	-6.577	.70318	.74098	.65105	.60278	.21760	.77852	.81271	.74883	.68491	.31204
.599	-6.082	.71953	.75668	.66271	.61222	.22483	.79375	.82734	.76072	.69981	.31963
.600	-5.586	.72973	.76628	.66840	.60900	.22809	.80300	.83653	.76724	.70982	.32304
.599	-5.096	.74150	.77775	.67655	.61434	.23261	.81357	.84691	.77475	.72091	.32711
.600	-4.607	.75358	.78960	.68461	.62063	.23793	.82514	.85810	.78344	.73188	.33252
.600	-4.121	.76115	.79660	.68953	.62286	.23973	.83231	.86544	.78889	.73886	.33550
.600	-3.632	.76792	.80366	.69381	.62481	.24114	.83887	.87215	.79354	.74361	.33733
.600	-3.149	.77605	.81206	.69941	.63277	.24408	.84678	.88006	.79979	.75056	.34086
.600	-2.668	.78244	.81893	.70363	.63660	.24723	.85246	.88594	.80433	.75625	.34386
.600	-2.194	.78687	.82439	.70613	.63576	.24797	.85712	.89116	.80834	.76165	.34573
.600	-1.723	.79117	.82885	.70999	.63568	.24927	.86115	.89524	.81138	.76578	.34766
.600	-1.258	.79402	.83295	.71181	.63658	.25027	.86507	.89947	.81516	.76954	.35109
.600	-.788	.79463	.83383	.71176	.63428	.24687	.86735	.90197	.81677	.76966	.35133
.600	-.317	.79594	.83639	.71170	.63407	.24687	.87036	.90588	.82047	.77212	.35587
.600	.194	.79447	.83331	.71141	.62506	.24506	.87147	.90785	.82224	.77158	.35819
.600	.719	.79118	.83312	.70868	.62773	.24101	.87106	.90811	.82259	.77021	.35840
	GRADIENT	.00758	.00869	.00493	.00169	.00106	.00891	.00963	.00758	.00768	.00506

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

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPC3	CPL	CPC10	CPC11	CPC12	CP04
.800	-7.059	.77635	.81289	.72191	.67533	.27768	.85105	.88391	.82074	.75463	.37562
.800	-6.553	.78874	.82543	.73032	.68099	.28239	.86377	.89699	.83072	.76802	.38197
.800	-6.054	.80098	.83772	.73863	.68674	.28711	.87505	.90855	.83936	.78012	.38662
.800	-5.558	.81262	.84925	.74713	.68520	.29232	.88483	.91841	.84662	.79100	.39045
.800	-5.065	.82326	.85994	.75409	.69025	.29633	.89470	.92816	.85441	.80099	.39460
.800	-4.575	.83189	.86874	.75909	.69375	.29899	.90339	.93709	.86117	.80943	.39847
.800	-4.084	.84006	.87697	.76596	.69736	.30234	.91095	.94498	.86712	.81563	.40232
.800	-3.596	.84768	.88456	.77160	.70096	.30531	.91814	.95235	.87276	.82078	.40537
.800	-3.105	.85373	.89102	.77503	.70906	.30713	.92395	.95836	.87723	.82608	.40756
.800	-2.618	.85956	.89760	.77905	.70906	.30907	.92945	.96426	.88198	.83197	.40991
.800	-2.140	.86387	.90280	.78114	.70849	.31063	.93331	.96865	.88514	.83639	.41197
.800	-1.664	.86760	.90721	.78560	.70909	.31113	.93694	.97272	.88830	.84061	.41349
.800	-1.187	.87019	.91089	.78633	.70915	.31115	.93984	.97591	.89096	.84308	.41540
.800	-.709	.87183	.91319	.78836	.70879	.31056	.94255	.97913	.89378	.84469	.41785
.800	-.234	.87270	.91522	.78838	.70823	.30994	.94472	.98173	.89614	.84659	.42058
.800	.278	.87165	.91230	.78837	.70672	.30847	.94542	.98318	.89735	.84457	.42225
.800	.798	.87005	.91431	.78785	.70433	.30704	.94525	.98376	.89817	.84399	.42352
	GRADIENT	.00724	.00857	.00525	.00187	.00144	.00782	.00869	.00689	.00677	.00455

(SCM045) (03 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	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
.900	-7.060	.83778	.87230	.78270	.73617	.34484	.90829	.94010	.87713	.81238	.43926
.900	-6.552	.85021	.88512	.79128	.74217	.34985	.92143	.95354	.88737	.82574	.44544
.900	-6.059	.86066	.89573	.79791	.74454	.35378	.93058	.96328	.89444	.83619	.44880
.900	-5.561	.87165	.90688	.80612	.74533	.35853	.94131	.97417	.90307	.84796	.45433
.900	-5.066	.88136	.91697	.81298	.75024	.36234	.94950	.98282	.90952	.85662	.45748
.900	-4.581	.88938	.92513	.81792	.75324	.36495	.95749	.99101	.91596	.86465	.46115
.900	-4.089	.89785	.93384	.82534	.75727	.36858	.96529	.99895	.92217	.87109	.46476
.900	-3.595	.90330	.93923	.82861	.75951	.36983	.97008	1.00424	.92577	.87504	.46638
.900	-3.113	.91016	.94659	.83305	.76223	.37237	.97608	1.01067	.93062	.88077	.46855
.900	-2.624	.91514	.95239	.83662	.76563	.37412	.98120	1.01589	.93473	.88601	.47096
.900	-2.142	.91893	.95717	.83902	.76661	.37541	.98472	1.01991	.93772	.89030	.47229
.900	-1.669	.92233	.96144	.84193	.76718	.37584	.98834	1.02402	.94018	.89476	.47425
.900	-1.196	.92530	.96531	.84410	.76741	.37601	.99172	1.02774	.94418	.89753	.47619
.899	-.720	.92641	.96723	.84497	.76674	.37496	.99388	1.03034	.94613	.89836	.47803
.900	-.245	.92717	.96905	.84526	.76619	.37452	.99572	1.03269	.94845	.89855	.48054
.900	.267	.92578	.96607	.84485	.76429	.37249	.99643	1.03421	.94971	.89818	.48217
.900	.786	.92475	.96769	.84457	.76260	.37130	.99671	1.03508	.95091	.89790	.48372
	GRADIENT	.00666	.00803	.00484	.00160	.00113	.00733	.00823	.00650	.00650	.00411

RUN NO. 1478/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
1.102	-7.027	.98845	1.02039	.93539	.89038	.53509	1.05553	1.08582	1.02691	.96719	.62609
1.101	-6.516	.99933	1.03120	.94277	.89568	.53858	1.06717	1.09736	1.03580	.97828	.63112
1.100	-6.017	1.00837	1.04055	.94815	.89541	.54168	1.07643	1.10644	1.04250	.98808	.63441
1.100	-5.516	1.01736	1.05014	.95459	.89743	.54496	1.08445	1.11502	1.04859	.99700	.63753
1.100	-5.025	1.02638	1.05958	.96148	.90190	.54862	1.09243	1.12369	1.05535	1.00592	.64113
1.100	-4.523	1.03345	1.06694	.96580	.90485	.55135	1.09807	1.12973	1.05966	1.01152	.64301
1.100	-4.021	1.04015	1.07393	.97158	.90742	.55348	1.10438	1.13653	1.06477	1.01699	.64574
1.100	-3.531	1.04577	1.08008	.97551	.91172	.55531	1.10934	1.14184	1.06865	1.02105	.64756
1.100	-3.035	1.05229	1.08700	.97899	.91589	.55795	1.11557	1.14841	1.07383	1.02743	.65089
1.100	-2.542	1.05632	1.09202	.98308	.91703	.55909	1.11908	1.15240	1.07686	1.03176	.65182
1.100	-2.052	1.06008	1.09655	.98605	.91717	.56066	1.12223	1.15589	1.07942	1.03583	.65312
1.100	-1.560	1.06370	1.10117	.98872	.91806	.56156	1.12550	1.15967	1.08244	1.03940	.65446
1.100	-1.075	1.06573	1.10394	.99065	.91818	.56165	1.12730	1.16194	1.08411	1.04030	.65520
1.100	-.588	1.06764	1.10658	.99238	.91849	.56176	1.12911	1.16404	1.08577	1.04057	.65644
1.100	-.103	1.06827	1.10742	.99317	.91822	.56146	1.13020	1.16559	1.08708	1.03974	.65749
1.100	.405	1.06757	1.10601	.99348	.91740	.56146	1.12979	1.16596	1.08740	1.03873	.65809
1.100	.915	1.06664	1.10937	.99424	.91629	.56023	1.12903	1.16594	1.08748	1.03771	.65833
	GRADIENT	.00623	.00771	.00516	.00198	.00166	.00576	.00667	.00514	.00504	.00276

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(SCM045) (03 OCT 91)

PARAMETRIC DATA

BETA = -2.000 PHI = 180.000

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

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
1.250	-7.049	1.06062	1.09640	1.00588	.96023	.60265	1.12690	1.16028	1.09693	1.03535	.68724
1.250	-6.539	1.06966	1.10592	1.01220	.96341	.60543	1.13564	1.16962	1.10356	1.04529	.69046
1.250	-6.042	1.07878	1.11582	1.01847	.96150	.60874	1.14483	1.17907	1.11061	1.05532	.69422
1.250	-5.546	1.08894	1.12657	1.02597	.96675	.61316	1.15449	1.18874	1.11814	1.06533	.69866
1.250	-5.047	1.09590	1.13378	1.03064	.96955	.61555	1.15992	1.19425	1.12219	1.07163	.70022
1.249	-4.558	1.10202	1.14026	1.03514	.97161	.61739	1.16596	1.20112	1.12753	1.07833	.70319
1.250	-4.063	1.11024	1.14844	1.04172	.97598	.62133	1.17279	1.20824	1.13324	1.08436	.70640
1.250	-3.575	1.11463	1.15351	1.04316	.97934	.62242	1.17670	1.21302	1.13659	1.08821	.70781
1.250	-3.082	1.12020	1.15974	1.04749	.98255	.62453	1.18180	1.21861	1.14072	1.09338	.70986
1.250	-2.598	1.12521	1.16562	1.05207	.98505	.62673	1.18675	1.22415	1.14512	1.09877	.71256
1.250	-2.112	1.12862	1.16989	1.05439	.98460	.62729	1.19008	1.22801	1.14784	1.10284	.71373
1.250	-1.636	1.13208	1.17425	1.05681	.98450	.62801	1.19344	1.23158	1.15051	1.10599	.71495
1.250	-1.157	1.13343	1.17668	1.05831	.98414	.62777	1.19541	1.23405	1.15244	1.10722	.71617
1.250	-.678	1.13499	1.17947	1.05968	.98416	.62754	1.19785	1.23686	1.15465	1.10775	.71791
1.250	-.201	1.13550	1.18040	1.06065	.98375	.62736	1.19945	1.23892	1.15645	1.10770	.71992
1.249	.313	1.13452	1.17889	1.06078	.98241	.62579	1.20001	1.24012	1.15737	1.10721	.72098
1.250	.830	1.13341	1.18034	1.06058	.98055	.62450	1.19954	1.24020	1.15762	1.10632	.72156
	GRADIENT	.00583	.00747	.00471	.00138	.00123	.00634	.00735	.00561	.00539	.00338

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

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
1.400	-7.044	1.07693	1.12820	1.02549	.97529	.61580	1.14728	1.19355	1.12203	1.06032	.70204
1.400	-6.539	1.08696	1.13937	1.03214	.97612	.61935	1.15726	1.20447	1.13023	1.07221	.70615
1.400	-6.036	1.09539	1.14914	1.03875	.97864	.62288	1.16631	1.21427	1.13756	1.08250	.71058
1.400	-5.541	1.10295	1.15786	1.04428	.98213	.62573	1.17304	1.22199	1.14330	1.09103	.71314
1.400	-5.046	1.11072	1.16672	1.04920	.98578	.62844	1.18028	1.23004	1.14927	1.09963	.71592
1.400	-4.554	1.11789	1.17503	1.05519	.9820	.63123	1.18667	1.23747	1.15498	1.10601	.71865
1.400	-4.058	1.12399	1.18143	1.05889	.98164	.63294	1.19229	1.24369	1.15990	1.11098	.72091
1.399	-3.570	1.12941	1.18776	1.06304	.99570	.63425	1.19768	1.24993	1.16438	1.11609	.72286
1.400	-3.074	1.13443	1.19350	1.06587	.99792	.63587	1.20225	1.25484	1.16803	1.12098	.72500
1.400	-2.590	1.13874	1.19884	1.06983	.99833	.63709	1.20610	1.25931	1.17115	1.12501	.72641
1.400	-2.108	1.14328	1.20493	1.07426	.99967	.63928	1.20988	1.26412	1.17525	1.13007	.72881
1.400	-1.621	1.14479	1.20760	1.07540	.99872	.63877	1.21157	1.26690	1.17754	1.13230	.72924
1.400	-1.143	1.14772	1.21146	1.07851	.99946	.63935	1.21534	1.27184	1.18162	1.13493	.73151
1.400	-.662	1.14763	1.21234	1.07851	.99784	.63814	1.21619	1.27407	1.18314	1.13434	.73242
1.400	-.184	1.14892	1.21398	1.07999	.99743	.63792	1.21871	1.27730	1.18577	1.13531	.73469
1.400	.329	1.14809	1.21291	1.08036	.99598	.63667	1.21964	1.27885	1.18729	1.13537	.73646
1.400	.847	1.14650	1.21295	1.08019	.99393	.63516	1.21892	1.27890	1.18781	1.13457	.73710
	GRADIENT	.00546	.00732	.00485	.00075	.00086	.00607	.00788	.00621	.00549	.00343

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(SCMO45) (03 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	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
1.450	-7.072	1.06937	1.13497	1.02803	.97731	.62263	1.13974	1.19589	1.12363	1.06518	.70485
1.450	-6.564	1.07703	1.14526	1.03429	.97779	.62561	1.14766	1.20610	1.13148	1.07651	.70890
1.450	-6.068	1.08497	1.15424	1.03964	.98038	.62854	1.15621	1.21579	1.13826	1.08556	.71271
1.450	-5.576	1.09221	1.16175	1.04432	.98315	.63092	1.16226	1.22227	1.14266	1.09231	.71438
1.450	-5.085	1.09823	1.16999	1.04851	.98594	.63316	1.16812	1.23107	1.14986	1.10144	.71811
1.450	-4.596	1.10714	1.18000	1.05666	.99057	.63709	1.17606	1.24042	1.15711	1.10953	.72160
1.449	-4.104	1.11208	1.18660	1.06021	.99154	.63786	1.18040	1.24654	1.16075	1.11385	.72294
1.451	-3.615	1.11872	1.19474	1.06509	.99735	.64095	1.18652	1.25467	1.16730	1.12080	.72669
1.450	-3.130	1.12316	1.20053	1.06766	.99913	.64218	1.19061	1.26001	1.17087	1.12509	.72812
1.450	-2.651	1.12564	1.20408	1.07019	.99801	.64214	1.19313	1.26358	1.17322	1.12766	.72963
1.450	-2.180	1.12920	1.20937	1.07347	.99861	.64345	1.19647	1.26845	1.17743	1.13180	.73176
1.451	-1.705	1.13213	1.21345	1.07633	.99967	.64466	1.19965	1.27351	1.18214	1.13712	.73429
1.450	-1.239	1.13301	1.21523	1.07713	.99851	.64331	1.20152	1.27740	1.18518	1.13864	.73486
1.450	-.767	1.13431	1.21772	1.07829	.99778	.64232	1.20450	1.28173	1.18802	1.13973	.73703
1.450	-.297	1.13387	1.21806	1.07877	.99601	.64059	1.20633	1.28420	1.18963	1.13988	.73903
1.450	.177	1.13292	1.21732	1.07937	.99434	.63819	1.20810	1.28633	1.19167	1.14034	.74111
1.450	.738	1.13202	1.21701	1.08000	.99288	.63652	1.20885	1.28623	1.19258	1.13998	.74223
	GRADIENT	.00471	.00706	.00438	.00027	-.00001	.00616	.00890	.00692	.00595	.00393

RUN NO. 1636/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
1.470	-7.065	1.03667	1.11461	1.00533	.95527	.60868	1.10870	1.17981	1.10658	1.04912	.68678
1.470	-6.561	1.04320	1.12457	1.01146	.95641	.61074	1.11524	1.19028	1.11455	1.06055	.69017
1.470	-6.061	1.05191	1.13628	1.01939	.96132	.61498	1.12296	1.20113	1.12446	1.07148	.69367
1.469	-5.573	1.05780	1.14377	1.02302	.96310	.61595	1.12985	1.20946	1.12855	1.08085	.69573
1.470	-5.082	1.06508	1.15242	1.02902	.96678	.61899	1.13633	1.21698	1.13403	1.08761	.69901
1.470	-4.585	1.06990	1.15874	1.03419	.96866	.62038	1.14046	1.22272	1.13812	1.09204	.70129
1.470	-4.099	1.07614	1.16647	1.03934	.97249	.62329	1.14547	1.22930	1.14305	1.09713	.70447
1.470	-3.610	1.08105	1.17251	1.04184	.97549	.62432	1.14966	1.23445	1.14685	1.10153	.70650
1.470	-3.129	1.08604	1.17900	1.04498	.97754	.62600	1.15430	1.23989	1.15065	1.10624	.70852
1.469	-2.642	1.08900	1.18374	1.04792	.97706	.62623	1.15704	1.24218	1.15175	1.10681	.70939
1.470	-2.165	1.09145	1.18877	1.05088	.97740	.62700	1.15931	1.24483	1.15424	1.10960	.71151
1.470	-1.692	1.09419	1.19397	1.05484	.97904	.62833	1.16185	1.24939	1.15823	1.11365	.71456
1.470	-1.222	1.09517	1.19707	1.05677	.97875	.62733	1.16431	1.25330	1.16153	1.11645	.71639
1.470	-.748	1.09397	1.19779	1.05624	.97621	.62434	1.16545	1.25489	1.16245	1.11618	.71702
1.470	-.274	1.09530	1.19910	1.05843	.97612	.62285	1.16891	1.25860	1.16578	1.11807	.72046
1.470	.237	1.09430	1.19766	1.05892	.97453	.61994	1.17098	1.26068	1.16699	1.11804	.72312
1.469	.759	1.09332	1.19784	1.05991	.97371	.61830	1.17158	1.26210	1.16823	1.11779	.72484
	GRADIENT	.00422	.00751	.00480	.00057	-.00049	.00571	.00724	.00560	.00486	.00429

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

(SCMO45) (03 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	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
1.492	-7.065	.99091	1.10878	.99706	.94563	.60276	1.06499	1.17188	1.09842	1.04464	.68443
1.492	-6.558	.99438	1.11719	1.00224	.94677	.60450	1.06831	1.18055	1.10478	1.05382	.68757
1.492	-6.061	.99784	1.12804	1.00835	.95082	.60804	1.07203	1.19148	1.11300	1.06581	.69161
1.492	-5.569	1.00021	1.13765	1.01417	.95489	.61165	1.07359	1.19958	1.11859	1.07484	.69428
1.491	-5.076	.99879	1.14467	1.01793	.95657	.61284	1.07274	1.20668	1.12358	1.08110	.69666
1.491	-4.586	.99916	1.15195	1.02267	.95853	.61471	1.07303	1.21335	1.12857	1.08641	.69900
1.491	-4.094	.99906	1.15949	1.02667	.96145	.61662	1.07255	1.21940	1.13250	1.09041	.70024
1.491	-3.601	.99932	1.16725	1.03011	.96483	.61865	1.07222	1.22557	1.13650	1.09462	.70193
1.491	-3.117	.99705	1.17349	1.03367	.96552	.61957	1.07041	1.23047	1.13962	1.09706	.70349
1.491	-2.637	.99473	1.18012	1.03817	.96707	.62094	1.06851	1.23506	1.14282	1.09998	.70504
1.492	-2.156	.98969	1.18516	1.04186	.96821	.62150	1.06459	1.23872	1.14600	1.10339	.70640
1.492	-1.682	.98633	1.18928	1.04442	.96838	.62144	1.06281	1.24192	1.14838	1.10576	.70790
1.492	-1.208	.98541	1.19277	1.04649	.96841	.62092	1.06359	1.24486	1.15094	1.10778	.71017
1.491	-.736	.98138	1.19402	1.04707	.96706	.61932	1.06218	1.24661	1.15254	1.10840	.71146
1.492	-.260	.98351	1.19418	1.04871	.96682	.61877	1.06665	1.25005	1.15578	1.11005	.71464
1.492	.251	.98093	1.19233	1.04869	.96483	.61639	1.06804	1.25223	1.15750	1.11016	.71673
1.492	.775	.98335	1.19135	1.04921	.96343	.61523	1.07229	1.25384	1.15861	1.10963	.71822
	GRADIENT	-.00403	.00768	.00517	.00079	.00002	-.00104	.00742	.00566	.00451	.00366

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

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
1.516	-7.071	.88878	1.10910	.99788	.94848	.60465	.97336	1.17249	1.09957	1.04765	.68621
1.516	-6.562	.88361	1.11999	1.00464	.95163	.60859	.96783	1.18229	1.10664	1.05749	.68971
1.516	-6.066	.87222	1.12934	1.00954	.95445	.61122	.95667	1.19106	1.11313	1.06724	.69252
1.515	-5.568	.86814	1.13810	1.01242	.95633	.61265	.95259	1.19953	1.11908	1.07640	.69498
1.515	-5.071	.86797	1.14805	1.01851	.95903	.61527	.95043	1.20867	1.12500	1.08363	.69765
1.515	-4.585	.86735	1.15603	1.02151	.96133	.61689	.94827	1.21514	1.12897	1.08807	.69922
1.515	-4.089	.85968	1.16382	1.02427	.96360	.61893	.94086	1.22166	1.13351	1.09211	.70138
1.515	-3.602	.84826	1.17137	1.02816	.96453	.62061	.93104	1.22821	1.13852	1.09650	.70375
1.515	-3.119	.83717	1.17857	1.03153	.96506	.62123	.92188	1.23563	1.14389	1.10134	.70557
1.515	-2.633	.82993	1.18619	1.03508	.96578	.62207	.91561	1.24211	1.14883	1.10562	.70710
1.515	-2.156	.82353	1.19393	1.03921	.96692	.62309	.90944	1.24922	1.15357	1.11133	.70909
1.515	-1.685	.82000	1.20050	1.04160	.96682	.62325	.90732	1.25441	1.15672	1.11425	.71029
1.515	-1.211	.81694	1.20444	1.04375	.96637	.62271	.90568	1.25848	1.15976	1.11640	.71153
1.514	-.736	.81452	1.20525	1.04499	.96682	.62133	.90405	1.26145	1.16184	1.11690	.71254
1.514	-.261	.81344	1.20284	1.04586	.96389	.62004	.90550	1.26424	1.16403	1.11748	.71472
1.514	.251	.81535	1.19730	1.04581	.96242	.61899	.91084	1.26717	1.16665	1.11843	.71793
1.515	.775	.81671	1.19591	1.04549	.96044	.61793	.91388	1.26869	1.16811	1.11830	.71977
	GRADIENT	-.00980	.00834	.00490	-.00018	.00007	-.00685	.01038	.00748	.00598	.00363

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(SCMO45) (03 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	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
1.541	-7.064	.70640	1.11040	.99033	.94400	.60066	.79890	1.17582	1.10019	1.05015	.68860
1.542	-6.556	.70622	1.12059	.99139	.94546	.60222	.79525	1.18447	1.10550	1.05876	.69064
1.541	-6.061	.71051	1.13480	.99734	.94991	.60566	.79672	1.19523	1.11371	1.06862	.69466
1.541	-5.567	.71401	1.14788	1.00292	.95293	.60880	.79855	1.20436	1.11947	1.07434	.69718
1.541	-5.076	.71697	1.16043	1.00750	.95404	.61043	.80060	1.21340	1.12472	1.08051	.69920
1.541	-4.580	.72283	1.17391	1.01336	.95594	.61242	.80589	1.22334	1.13013	1.08684	.70148
1.541	-4.093	.73330	1.18809	1.01976	.95816	.61431	.81317	1.23423	1.13491	1.09216	.70308
1.541	-3.602	.75178	1.20358	1.02701	.96046	.61593	.82802	1.24784	1.14038	1.09789	.70509
1.541	-3.116	.79101	1.22176	1.03761	.96453	.61752	.86206	1.26911	1.14543	1.10376	.70626
1.541	-2.638	.83591	1.20308	1.04738	.96807	.61949	.90228	1.29565	1.15112	1.10883	.70764
1.541	-2.156	.86205	1.16316	1.05408	.97012	.62108	.92589	1.30732	1.15636	1.11240	.70952
1.541	-1.682	.87559	1.13125	1.05745	.97147	.62203	.93956	1.30880	1.16053	1.11488	.71062
1.542	-1.211	.89109	1.10774	1.05945	.97272	.62380	.95444	1.31103	1.16618	1.11866	.71325
1.541	-.734	.89957	1.08927	1.05646	.97085	.62329	.96284	1.31041	1.16907	1.11929	.71414
1.542	-.260	.90727	1.08189	1.05409	.96944	.62450	.97208	1.31220	1.17295	1.12127	.71756
1.541	.252	.91058	1.07767	1.04991	.96468	.62290	.97647	1.31410	1.17481	1.12099	.71877
1.542	.775	.91468	1.07822	1.04837	.96198	.62163	.98086	1.31958	1.17669	1.12115	.72006
	GRADIENT	.03990	-.02801	.00708	.00169	.00203	.03672	.01796	.00917	.00658	.00355

IA310 (AEDC 16TF-783) PROBE CALIBRATION (SCM046) (03 OCT 91)

PARAMETRIC DATA

RUN NO. 1572/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00 BETA = -1.500 PHI = 180.000

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
.599	-7.062	.70094	.73965	.65500	.60959	.22719	.75399	.78929	.72723	.65910	.29138
.599	-6.552	.71718	.75528	.66609	.61787	.23343	.76965	.80466	.7318	.67509	.29886
.600	-6.061	.72922	.76654	.67381	.62140	.23792	.78112	.81537	.74706	.68657	.30349
.600	-5.564	.74176	.77837	.68190	.62333	.24314	.79223	.82579	.75495	.69897	.30807
.600	-5.069	.75208	.78875	.68870	.62748	.24697	.80190	.83562	.76226	.70900	.31201
.600	-4.578	.76270	.79922	.69568	.63218	.25151	.81194	.84532	.76939	.71865	.31641
.600	-4.089	.77094	.80789	.70201	.63525	.25288	.82103	.85416	.77604	.72600	.31948
.600	-3.601	.78144	.81855	.71006	.64139	.25796	.83084	.86446	.78434	.73442	.32475
.600	-3.115	.78815	.82543	.71525	.64861	.26090	.83652	.87030	.78870	.73973	.32729
.600	-2.635	.79350	.83100	.71757	.65067	.26137	.84151	.87516	.79191	.74421	.32774
.600	-2.160	.79910	.83687	.72211	.65234	.26422	.84678	.88042	.79609	.74954	.33121
.599	-1.691	.80294	.84176	.72380	.65372	.26389	.85120	.88558	.80042	.75448	.33299
.600	-1.231	.80641	.84523	.72652	.65072	.26465	.85480	.88910	.80323	.75720	.33515
.600	-.778	.80657	.84603	.72607	.64902	.26318	.85615	.89109	.80493	.75808	.33718
.600	-.323	.80717	.84803	.72554	.64748	.26066	.86030	.89524	.80895	.76006	.34068
.600	.189	.80427	.84451	.72374	.64443	.25849	.86153	.89722	.81103	.76057	.34432
.600	.726	.80285	.84629	.72311	.64182	.25585	.86322	.89984	.81366	.76117	.34645
.600	GRADIENT	.00776	.00885	.00506	.00171	.00102	.00938	.00995	.00804	.00804	.00543

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

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
.800	-7.047	.78782	.82495	.73598	.68824	.29273	.84053	.87410	.80984	.74360	.36135
.800	-6.538	.80043	.83762	.74405	.69314	.29717	.85359	.88730	.81973	.75704	.36752
.800	-6.044	.81241	.84959	.75178	.69696	.30186	.86483	.89882	.82834	.76959	.37250
.800	-5.543	.82374	.86102	.75999	.70040	.30672	.87491	.90908	.83587	.78097	.37685
.800	-5.050	.83388	.87118	.76679	.70289	.30969	.88488	.91913	.84352	.79088	.38073
.800	-4.560	.84307	.88040	.77236	.70666	.31328	.89318	.92756	.85001	.79906	.38453
.800	-4.061	.85134	.88866	.77962	.71070	.31702	.90139	.93549	.85628	.80489	.38810
.800	-3.571	.85831	.89613	.78455	.71445	.31916	.90845	.94281	.86184	.81050	.39103
.800	-3.084	.86462	.90287	.78924	.72113	.32180	.91444	.94908	.86654	.81604	.39367
.800	-2.598	.86985	.90879	.79241	.72429	.32377	.91894	.95398	.87004	.82056	.39536
.800	-2.115	.87488	.91481	.79648	.72283	.32570	.92381	.95940	.87434	.82554	.39774
.800	-1.639	.87875	.91900	.79894	.72322	.32637	.92734	.96287	.87727	.82916	.39935
.800	-1.172	.88139	.92198	.80081	.72304	.32652	.92991	.96569	.87946	.83148	.40071
.800	-.707	.88299	.92475	.80178	.72253	.32540	.93278	.96899	.88222	.83283	.40265
.800	-.240	.88307	.92568	.80136	.72112	.32396	.93466	.97137	.88459	.83324	.40555
.800	.271	.88167	.92408	.80117	.71939	.32222	.93704	.97439	.88742	.83433	.40876
.800	.804	.87959	.92510	.80013	.71641	.31970	.93630	.97463	.88800	.83342	.40965
.800	GRADIENT	.00709	.00848	.00514	.00171	.00129	.00802	.00874	.00701	.00669	.00454

IA310 (AEDC 16TF-783) PROBE CALIBRATION (SCM046) (03 OCT 91)

PARAMETRIC DATA

BETA = -1.500 PHI = 180.000

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

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
.900	-7.048	.84868	.88409	.79528	.74755	.35891	.89945	.93208	.86775	.80260	.42627
.900	-6.537	.86081	.89657	.80440	.75386	.36421	.91068	.94345	.87630	.81437	.43117
.900	-6.041	.87203	.90783	.81133	.75478	.36800	.92212	.95510	.88489	.82694	.43611
.900	-5.549	.88254	.91836	.81887	.76007	.37234	.93183	.96512	.89265	.83774	.44077
.900	-5.050	.89200	.92824	.82564	.76299	.37599	.93982	.97344	.89860	.84629	.44347
.900	-4.558	.90024	.93665	.83084	.76567	.37897	.94722	.98126	.90450	.85356	.44665
.900	-4.063	.90755	.94385	.83681	.76873	.38168	.95466	.98871	.91027	.85960	.45022
.900	-3.572	.91435	.95141	.84214	.77341	.38434	.96147	.99566	.91578	.86530	.45296
.900	-3.081	.92022	.95774	.84577	.77910	.38679	.96663	1.00121	.91977	.87057	.45487
.900	-2.598	.92558	.96392	.84972	.78022	.38853	.97204	1.00677	.92402	.87625	.45696
.900	-2.120	.92955	.96859	.85257	.78171	.38942	.97557	1.01085	.92713	.88032	.45823
.900	-1.646	.93316	.97294	.85529	.78057	.39042	.97944	1.01492	.93043	.88426	.46052
.900	-1.179	.93536	.97561	.85711	.78034	.39026	.98178	1.01760	.93262	.88626	.46174
.900	-.715	.93716	.97842	.85810	.78022	.39010	.98476	1.02066	.93531	.88764	.46424
.900	-.252	.93714	.97930	.85781	.77880	.38812	.98664	1.02312	.93762	.88764	.46650
.900	.258	.93576	.97782	.85749	.77704	.38631	.98820	1.02560	.94002	.88828	.46919
.900	.790	.93413	.97915	.85702	.77462	.38440	.98822	1.02652	.94115	.88802	.47076
GRADIENT		.00657	.00808	.00487	.00158	.00110	.00766	.00841	.00677	.00663	.00432

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

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
1.099	-7.023	.99883	1.03062	.94641	.90137	.54693	1.04784	1.07787	1.01762	.95731	.61356
1.100	-6.508	1.00861	1.04107	.95344	.90509	.55042	1.05842	1.08879	1.02594	.96864	.61847
1.100	-6.010	1.01857	1.05159	.96055	.90586	.55480	1.06719	1.09770	1.03243	.97814	.62162
1.100	-5.508	1.02710	1.06062	.96649	.90979	.55796	1.07543	1.10521	1.03886	.98720	.62503
1.100	-5.015	1.03537	1.06934	.97253	.91346	.56111	1.08293	1.11447	1.04503	.99583	.62839
1.100	-4.511	1.04242	1.07673	.97720	.91569	.56325	1.08986	1.12165	1.05030	1.00261	.63118
1.100	-4.020	1.04924	1.08370	.98289	.91838	.56564	1.09620	1.12839	1.05551	1.00790	.63422
1.100	-3.523	1.05519	1.09052	.98733	.92375	.56809	1.10146	1.13411	1.05972	1.01259	.63615
1.100	-3.028	1.06129	1.09721	.99210	.92770	.57068	1.10664	1.13977	1.06385	1.01797	.63822
1.100	-2.529	1.06597	1.10239	.99464	.93044	.57217	1.11112	1.14437	1.06746	1.02303	.64013
1.099	-2.044	1.06959	1.10656	.99786	.92917	.57308	1.11411	1.14791	1.07011	1.02668	.64119
1.100	-1.555	1.07321	1.11122	1.00087	.92979	.57449	1.11738	1.15150	1.07287	1.02985	.64270
1.100	-1.069	1.07502	1.11349	1.00250	.92970	.57431	1.11916	1.15358	1.07435	1.03036	.64318
1.100	-.589	1.07635	1.11629	1.00339	.92983	.57446	1.12089	1.15559	1.07585	1.03020	.64426
1.100	-.115	1.07693	1.11702	1.00437	.92938	.57384	1.12183	1.15685	1.07699	1.02951	.64502
1.100	.393	1.07651	1.11687	1.00496	.92897	.57337	1.12232	1.15818	1.07836	1.02977	.64669
1.100	.911	1.07516	1.11856	1.00513	.92707	.57228	1.12122	1.15769	1.07797	1.02830	.64675
GRADIENT		.00616	.00769	.00505	.00192	.00168	.00586	.00666	.00509	.00488	.00276

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(SCMO46) (03 OCT 91)

PARAMETRIC DATA

BETA = -1.500 PHI = 180.000

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

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
1.250	-7.038	1.07011	1.10634	1.01699	.97049	.61427	1.11730	1.15115	1.08662	1.02511	.67428
1.250	-6.525	1.07966	1.11676	1.02393	.97361	.61795	1.12679	1.16125	1.09393	1.03643	.67826
1.250	-6.031	1.08916	1.12692	1.03072	.97526	.62127	1.13634	1.17091	1.10120	1.04676	.68235
1.250	-5.532	1.09780	1.13589	1.03694	.97757	.62454	1.14472	1.17944	1.10769	1.05582	.68601
1.250	-5.034	1.10520	1.14350	1.04170	.98072	.62746	1.15136	1.18645	1.11298	1.06361	.68898
1.250	-4.540	1.11239	1.15100	1.04766	.98402	.63072	1.15727	1.19279	1.11791	1.06953	.69162
1.250	-4.046	1.11869	1.15783	1.05197	.98689	.63316	1.16328	1.19932	1.12302	1.07494	.69415
1.250	-3.558	1.12465	1.16430	1.05597	.99163	.63512	1.16888	1.20544	1.12769	1.08006	.69644
1.250	-3.068	1.13013	1.17034	1.06009	.99554	.63745	1.17344	1.21026	1.13110	1.08456	.69791
1.250	-2.578	1.13459	1.17549	1.06343	.99699	.63919	1.17771	1.21497	1.13458	1.08940	.69990
1.250	-2.091	1.13803	1.17999	1.06646	.99627	.64012	1.18136	1.21922	1.13783	1.09325	.70159
1.249	-1.615	1.14113	1.18405	1.06874	.99575	.64035	1.18447	1.22260	1.14023	1.09540	.70264
1.250	-1.143	1.14314	1.18686	1.07031	.99593	.64059	1.18690	1.22531	1.14242	1.09690	.70387
1.250	-.675	1.14504	1.19000	1.07191	.99621	.64064	1.18982	1.22840	1.14484	1.09747	.70581
1.250	-.208	1.14441	1.19005	1.07213	.99482	.63933	1.19075	1.22999	1.14615	1.09731	.70758
1.250	.305	1.14336	1.18955	1.07209	.99349	.63779	1.19217	1.23201	1.14795	1.09794	.70989
1.250	.836	1.14250	1.19070	1.07239	.99219	.63651	1.19235	1.23254	1.14881	1.09763	.71098
	GRADIENT	.00574	.00750	.00468	.00124	.00112	.00658	.00742	.00569	.00524	.00350

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

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
1.400	-7.035	1.08808	1.13983	1.03812	.98766	.62842	1.13748	1.18422	1.11167	1.05136	.68948
1.400	-6.521	1.09641	1.14987	1.04398	.98671	.63113	1.14685	1.19510	1.11969	1.06310	.69379
1.400	-6.028	1.10610	1.16025	1.05115	.99199	.63539	1.15585	1.20437	1.12652	1.07265	.69733
1.400	-5.528	1.11307	1.16884	1.05702	.99458	.63800	1.16235	1.21201	1.13205	1.08143	.69983
1.400	-5.029	1.12156	1.17840	1.06250	.99829	.64114	1.17119	1.22166	1.13972	1.09144	.70436
1.400	-4.534	1.12736	1.18489	1.06688	1.00036	.64270	1.17646	1.22785	1.14405	1.09629	.70610
1.400	-4.047	1.13455	1.19274	1.07298	1.00427	.64535	1.18299	1.23507	1.14954	1.10213	.70873
1.400	-3.554	1.13921	1.19846	1.07602	1.00834	.64670	1.18663	1.23991	1.15270	1.10597	.70959
1.400	-3.057	1.14566	1.20546	1.07956	.64916	.65043	1.19241	1.24589	1.15779	1.11167	.71241
1.400	-2.570	1.14977	1.21022	1.08294	1.01126	.65118	1.19624	1.24979	1.16059	1.11512	.71385
1.400	-2.084	1.15278	1.21475	1.08613	1.01110	.65185	1.19949	1.25400	1.16381	1.11848	.71508
1.400	-1.602	1.15589	1.21861	1.08869	1.01133	.65185	1.20282	1.25840	1.16749	1.12141	.71659
1.400	-1.134	1.15661	1.22034	1.08906	1.01005	.65075	1.20436	1.26108	1.16910	1.12406	.71917
1.400	-.660	1.15853	1.22363	1.09084	1.01021	.65052	1.20766	1.26524	1.17245	1.12464	.72137
1.400	-.191	1.15858	1.22401	1.09138	1.00898	.64973	1.20924	1.26727	1.17419	1.12464	.72356
1.399	.320	1.15782	1.22367	1.09170	1.00741	.64838	1.21067	1.26950	1.17646	1.12539	.72498
1.400	.847	1.15645	1.22360	1.09166	1.00542	.64696	1.21072	1.27033	1.17765	1.12522	.72498
	GRADIENT	.00542	.00726	.00451	.00060	.00075	.00640	.00795	.00623	.00537	.00337

IA310 (AEDC 16TF-783) PROBE CALIBRATION (SCM046) (03 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	CPR	CPC7	CPC8	CPC9	CPC3	CPL	CPC10	CPC11	CPC12	CPO4
1.450	-7.050	1.07994	1.14624	1.04006	.98821	.63456	1.12940	1.18752	1.11403	1.05743	.69309
1.450	-6.544	1.08787	1.15639	1.04640	.99040	.63790	1.13634	1.19677	1.12016	1.06683	.69563
1.450	-6.052	1.09608	1.16525	1.05217	.99218	.64129	1.14465	1.20527	1.12661	1.07565	.69906
1.450	-5.558	1.10345	1.17364	1.05762	.99535	.64395	1.15219	1.21379	1.13312	1.08478	.70291
1.450	-5.064	1.10972	1.18206	1.06214	.99821	.64609	1.15805	1.22210	1.13953	1.09255	.70562
1.450	-4.572	1.11770	1.19165	1.06944	1.00207	.64930	1.16521	1.23084	1.14608	1.09973	.70770
1.450	-4.076	1.12334	1.19853	1.07381	1.00466	.65053	1.17075	1.23808	1.15147	1.10518	.71103
1.450	-3.587	1.12844	1.20479	1.07638	1.00876	.65260	1.17536	1.24451	1.15641	1.11008	.71328
1.450	-3.103	1.13362	1.21101	1.07957	1.01047	.65443	1.17934	1.24951	1.15954	1.11351	.71442
1.450	-2.622	1.13631	1.21519	1.08249	1.01022	.65535	1.18144	1.25351	1.16182	1.11651	.71613
1.450	-2.142	1.14003	1.21967	1.08577	1.01061	.65647	1.18595	1.25892	1.16623	1.12092	.71878
1.450	-1.677	1.14258	1.22379	1.08859	1.01127	.65721	1.18864	1.26413	1.17094	1.12535	.72052
1.450	-1.213	1.14508	1.22695	1.09030	1.01124	.65723	1.19278	1.26953	1.17413	1.12737	.72197
1.450	-.759	1.14578	1.22850	1.09026	1.00955	.65517	1.19563	1.27238	1.17552	1.12714	.72311
1.450	-.304	1.14545	1.22897	1.09091	1.00814	.65346	1.19822	1.27494	1.17747	1.12813	.72628
1.450	.206	1.14423	1.22888	1.09168	1.00655	.65056	1.20068	1.27783	1.18029	1.12963	.72899
1.450	.745	1.14129	1.22757	1.09148	1.00437	.64794	1.19980	1.27768	1.18155	1.12934	.73010
	GRADIENT	.00481	.00707	.00429	.00028	.00001	.00680	.00918	.00673	.00570	.00404

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

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPC3	CPL	CPC10	CPC11	CPC12	CPO4
1.469	-7.049	1.04678	1.12641	1.01803	.96720	.62067	1.09617	1.16968	1.09518	1.03944	.67317
1.470	-6.543	1.05503	1.13723	1.02536	.97036	.62364	1.10492	1.18166	1.10446	1.05219	.67805
1.469	-6.046	1.06174	1.14676	1.03169	.97229	.62553	1.11167	1.19179	1.11159	1.06281	.68058
1.470	-5.553	1.07088	1.15730	1.03826	.97717	.62979	1.12028	1.20163	1.11899	1.07308	.68430
1.470	-5.062	1.07654	1.16430	1.04314	.97982	.63182	1.12524	1.20749	1.12349	1.07850	.68642
1.470	-4.564	1.08155	1.17072	1.04822	.98176	.63317	1.13019	1.21390	1.12809	1.08334	.68889
1.469	-4.074	1.08681	1.17713	1.05166	.98436	.63458	1.13474	1.21942	1.13201	1.08725	.69094
1.469	-3.584	1.09318	1.18453	1.05567	.98886	.63737	1.13962	1.22539	1.13664	1.09190	.69382
1.470	-3.097	1.09850	1.19192	1.05949	.99126	.63991	1.14476	1.23154	1.14127	1.09664	.69705
1.470	-2.615	1.10111	1.19712	1.06285	.99151	.64075	1.14632	1.23290	1.14158	1.09722	.69744
1.469	-2.134	1.10168	1.19948	1.06406	.99023	.63993	1.14734	1.23490	1.14316	1.09882	.69830
1.469	-1.666	1.10391	1.20328	1.06698	.99070	.64025	1.15020	1.23889	1.14648	1.10202	.70062
1.470	-1.202	1.10604	1.20750	1.07005	.99170	.64089	1.15357	1.24325	1.15017	1.10522	.70311
1.469	-.744	1.10464	1.20861	1.06977	.98945	.63770	1.15470	1.24596	1.15238	1.10626	.70417
1.470	-.283	1.10361	1.20842	1.06953	.98745	.63462	1.15713	1.24802	1.15391	1.10670	.70681
1.470	.229	1.10312	1.20829	1.07075	.98680	.63218	1.16044	1.25174	1.15734	1.10879	.71160
1.469	.766	1.10166	1.20727	1.07056	.98457	.62968	1.16093	1.25215	1.15788	1.10762	.71309
	GRADIENT	.00357	.00707	.00431	.00026	-.00065	.00560	.00713	.00556	.00467	.00437

(SCMO46) (03 OCT 91)

IA310 (AEDC 16TF-783) PROBE CALIBRATION

PARAMETRIC DATA

BETA = -1.500 PHI = 180.000

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

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
1.492	-7.051	1.00100	1.12020	1.00908	.95689	.61470	1.05146	1.16182	1.08742	1.03491	.67133
1.492	-6.544	1.00634	1.13009	1.01602	.96112	.61787	1.05678	1.17190	1.09507	1.04589	.67552
1.492	-6.047	1.00768	1.13972	1.02206	.96337	.62085	1.05753	1.18084	1.10128	1.05622	.67791
1.492	-5.549	1.00868	1.14812	1.02603	.96595	.62303	1.05992	1.19030	1.10826	1.06599	.68202
1.492	-5.053	1.00763	1.15638	1.03182	.96898	.62557	1.05860	1.19790	1.11374	1.07260	.68486
1.492	-4.560	1.00868	1.16396	1.03707	.97148	.62776	1.05962	1.20464	1.11836	1.07759	.68716
1.491	-4.069	1.00694	1.17066	1.03999	.97389	.62872	1.05759	1.21016	1.12201	1.08088	.68812
1.492	-3.579	1.00675	1.17887	1.04377	.97781	.63126	1.05654	1.21609	1.12596	1.08408	.68960
1.492	-3.091	1.00608	1.18625	1.04824	.97949	.63334	1.05531	1.22130	1.12932	1.08714	.69146
1.492	-2.605	.99922	1.19104	1.05166	.97985	.63399	1.04923	1.22498	1.13145	1.08938	.69226
1.492	-2.127	.99706	1.19568	1.05518	.98084	.63462	1.04832	1.22911	1.13461	1.09287	.69387
1.492	-1.658	.99257	1.19897	1.05715	.98074	.63438	1.04540	1.23171	1.13652	1.09468	.69452
1.492	-1.189	.98910	1.20083	1.05800	.97992	.63311	1.04328	1.23330	1.13784	1.09543	.69549
1.492	-.729	.98897	1.20386	1.06031	.98033	.63274	1.04544	1.23687	1.14186	1.09832	.69873
1.492	-.270	.98452	1.20386	1.06061	.97882	.63094	1.04505	1.23995	1.14477	1.09963	.70127
1.491	.244	.98333	1.20215	1.05960	.97570	.62757	1.04857	1.24190	1.14649	1.09960	.70364
1.492	.780	.98639	1.20238	1.06074	.97466	.62693	1.05380	1.24405	1.14837	1.09981	.70619
	GRADIENT	-.00533	.00730	.00463	.00046	-.00020	-.00214	.00723	.00558	.00435	.00348

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

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
1.515	-7.051	.88914	1.11906	1.00958	.95872	.61571	.94644	1.15923	1.08529	1.03525	.67255
1.515	-6.539	.88079	1.12868	1.01490	.96209	.61863	.93873	1.16856	1.09216	1.04506	.67536
1.514	-6.041	.87272	1.13745	1.01944	.96271	.62021	.93184	1.17779	1.09907	1.05600	.67834
1.514	-5.548	.86907	1.14755	1.02368	.96568	.62287	.92734	1.18742	1.10572	1.06553	.68100
1.514	-5.057	.86987	1.15747	1.02963	.96869	.62569	.92652	1.19706	1.11194	1.07220	.68402
1.514	-4.559	.86800	1.16625	1.03332	.97223	.62818	.92358	1.20412	1.11662	1.07645	.68612
1.514	-4.069	.85756	1.17316	1.03491	.97342	.62917	.91411	1.20974	1.12088	1.07982	.68780
1.514	-3.577	.84596	1.18132	1.03928	.97459	.63092	.90375	1.21683	1.12576	1.08447	.69017
1.513	-3.091	.83444	1.18853	1.04217	.97511	.63169	.89361	1.22374	1.13036	1.08923	.69107
1.515	-2.608	.83296	1.19851	1.04906	.97905	.63485	.89139	1.23225	1.13666	1.09548	.69393
1.514	-2.126	.83014	1.20512	1.05242	.97954	.63513	.88875	1.23852	1.14040	1.09898	.69489
1.514	-1.656	.82674	1.21155	1.05521	.97956	.63508	.88566	1.24417	1.14406	1.10208	.69675
1.514	-1.192	.82602	1.21535	1.05735	.97907	.63448	.88497	1.24782	1.14630	1.10344	.69751
1.514	-.731	.82411	1.21696	1.05906	.97837	.63358	.88439	1.25188	1.14921	1.10476	.69918
1.514	-.269	.82399	1.21525	1.05947	.97661	.63192	.88768	1.25515	1.15161	1.10571	.70187
1.514	.244	.82487	1.20874	1.05783	.97334	.62992	.89113	1.25796	1.15424	1.10666	.70516
1.514	.777	.82809	1.20778	1.05729	.97109	.62914	.89657	1.25955	1.15622	1.10705	.70700
	GRADIENT	-.00702	.00884	.00527	.00012	.00024	-.00499	.01097	.00761	.00606	.00380

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(SCM046) (03 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	CPR	CPC7	CPC8	CPC9	CPC03	CPL	CPC10	CPC11	CPC12	CP04
1.542	-7.046	.71838	1.12186	1.00464	.95615	.61257	.78279	1.16427	1.08708	1.03926	.67452
1.543	-6.539	.72071	1.13387	1.00708	.95916	.61566	.78175	1.17538	1.09498	1.05028	.67834
1.542	-6.048	.72269	1.14567	1.01110	.96197	.61763	.78221	1.18459	1.10151	1.05701	.68097
1.542	-5.548	.72579	1.15787	1.01594	.96449	.62006	.78506	1.19488	1.10810	1.06412	.68414
1.542	-5.058	.73013	1.17150	1.02165	.96683	.62270	.78916	1.20582	1.11440	1.07138	.68705
1.542	-4.560	.73571	1.18434	1.02641	.96794	.62380	.79407	1.21590	1.11902	1.07688	.68864
1.541	-4.070	.74838	1.19956	1.03310	.97040	.62608	.80439	1.22876	1.12483	1.08320	.69088
1.542	-3.579	.77355	1.21871	1.04174	.97416	.62837	.82576	1.24553	1.13041	1.08904	.69291
1.541	-3.091	.82228	1.23923	1.05293	.97892	.63019	.87020	1.27348	1.13623	1.09503	.69425
1.541	-2.604	.85890	1.22080	1.06052	.98068	.63145	.90414	1.29066	1.14146	1.09848	.69455
1.541	-2.126	.87922	1.18824	1.06687	.98270	.63301	.92389	1.28855	1.14699	1.10180	.69634
1.541	-1.657	.89441	1.15863	1.07130	.98443	.63442	.93972	1.28263	1.15226	1.10513	.69846
1.541	-1.191	.90634	1.13169	1.07284	.98432	.63482	.95080	1.27494	1.15571	1.10649	.69920
1.541	-.729	.91611	1.11156	1.07279	.98392	.63539	.96083	1.26865	1.15961	1.10800	.70069
1.541	-.268	.92394	1.10072	1.07106	.98250	.63643	.97059	1.27143	1.16425	1.11060	.70480
1.541	.244	.92894	1.09094	1.06710	.97863	.63541	.97786	1.27409	1.16754	1.11198	.70770
1.541	.779	.93005	1.08835	1.06467	.97458	.63267	.97978	1.27516	1.16775	1.11056	.70747
1.541	GRADIENT	.03965	-.02752	.00781	.00177	.00200	.03808	.00854	.00963	.00636	.00357

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

(SCM047) (03 OCT 91)

PARAMETRIC DATA

BETA = -1.000 PHI = 180.000

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

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
.601	-7.040	.71449	.75320	.66995	.62390	.24379	.74575	.78149	.71836	.65056	.28049
.600	-6.534	.72812	.76633	.67851	.62954	.24663	.75864	.79377	.72704	.66218	.28338
.600	-6.039	.74187	.77963	.68780	.63594	.25244	.77122	.80580	.73605	.67614	.28878
.601	-5.542	.75479	.79202	.69644	.64142	.25784	.78311	.81766	.74492	.68995	.29427
.600	-5.046	.76467	.80195	.70292	.64176	.26086	.79348	.82772	.75281	.70007	.29842
.601	-4.554	.77749	.81454	.71193	.64811	.26719	.80602	.83931	.76212	.71183	.30487
.600	-4.061	.78171	.81941	.71535	.64827	.26691	.80999	.84388	.76472	.71464	.30478
.600	-3.565	.79234	.83016	.72356	.65470	.27122	.82068	.85412	.77290	.72279	.30898
.601	-3.079	.79928	.83736	.72901	.66249	.27581	.82698	.86020	.77706	.72842	.31303
.600	-2.593	.80333	.84229	.73042	.66265	.27463	.83019	.86446	.77978	.73199	.31229
.600	-2.111	.81079	.84970	.73590	.66472	.27787	.83695	.87072	.78506	.73868	.31537
.600	-1.635	.81493	.85424	.73990	.66559	.28018	.84042	.87440	.78806	.74305	.31800
.601	-1.184	.81869	.85787	.74189	.66527	.28024	.84413	.87834	.79123	.74500	.31971
.600	-.750	.81947	.85966	.74150	.66387	.27936	.84581	.88023	.79275	.74546	.32091
.601	-.330	.81745	.85857	.73894	.66045	.27524	.84851	.88335	.79571	.74713	.32457
.600	.229	.81465	.85651	.73678	.65743	.27171	.85270	.88819	.80047	.75017	.32997
.600	.751	.81259	.85681	.73595	.65457	.26958	.85375	.89034	.80328	.75105	.33343
.600	GRADIENT	.00744	.00855	.00491	.00156	.00100	.00916	.00965	.00773	.00774	.00526

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

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
.800	-7.034	.79930	.83685	.74852	.69964	.30675	.83072	.86497	.79903	.73239	.34707
.800	-6.520	.81238	.84982	.75777	.70595	.31210	.84334	.87752	.80866	.74561	.35295
.800	-6.027	.82439	.86218	.76572	.70841	.31661	.85447	.88871	.81696	.75908	.35724
.800	-5.527	.83538	.87292	.77329	.71361	.32132	.86509	.89937	.82487	.77067	.36256
.800	-5.033	.84564	.88325	.78052	.71673	.32465	.87442	.90912	.83215	.78023	.36625
.800	-4.537	.85411	.89177	.78572	.71987	.32809	.88308	.91774	.83865	.78816	.37018
.800	-4.040	.86209	.90015	.79243	.72347	.33114	.89160	.92638	.84547	.79461	.37452
.800	-3.545	.86937	.90786	.79790	.72856	.33429	.89830	.93301	.85032	.79956	.37691
.800	-3.053	.87563	.91480	.80258	.73485	.33701	.90478	.93944	.85549	.80544	.37965
.800	-2.562	.88103	.92087	.80601	.73702	.33901	.90970	.94457	.85942	.81003	.38153
.800	-2.078	.88585	.92619	.80913	.73702	.34070	.91382	.94902	.86283	.81446	.38349
.800	-1.602	.88980	.93059	.81260	.73701	.34170	.91712	.95269	.86574	.81803	.38514
.800	-1.135	.89273	.93381	.81437	.73694	.34189	.92017	.95605	.86832	.82010	.38650
.800	-.689	.89426	.93668	.81526	.73656	.34135	.92220	.95836	.87021	.82085	.38771
.800	-.253	.89363	.93708	.81478	.73476	.33929	.92500	.96160	.87315	.82232	.39074
.800	.258	.89128	.93535	.81336	.73179	.33636	.92788	.96527	.87673	.82445	.39517
.800	.818	.88905	.93550	.81226	.72894	.33382	.92778	.96610	.87814	.82414	.39729
.800	GRADIENT	.00693	.00843	.00504	.00167	.00129	.00822	.00886	.00714	.00682	.00465

(SCM047) (03 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	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CP04
.900	-7.028	.85952	.89537	.80797	.76000	.37326	.88978	.92247	.85691	.79120	.41244
.900	-6.518	.87131	.90743	.81636	.76549	.37727	.90149	.93447	.86584	.80414	.41750
.901	-6.023	.88317	.91938	.82459	.76824	.38302	.91274	.94588	.87477	.81739	.42343
.900	-5.527	.89351	.92992	.83170	.77116	.38650	.92211	.95558	.88177	.82741	.42676
.900	-5.031	.90275	.93926	.83812	.77555	.38947	.93061	.96447	.88837	.83658	.43024
.900	-4.534	.91098	.94777	.84374	.77856	.39315	.93844	.97257	.89445	.84429	.43391
.900	-4.040	.91782	.95502	.84927	.78148	.39554	.94520	.97961	.89974	.84968	.43668
.900	-3.545	.92496	.96261	.85489	.78706	.39866	.95208	.98652	.90504	.85540	.43966
.900	-3.052	.93086	.96927	.85922	.79238	.40078	.95798	.99276	.90971	.86124	.44189
.900	-2.564	.93542	.97476	.86212	.79440	.40260	.96236	.99711	.91299	.86569	.44340
.900	-2.081	.93983	.97973	.86571	.79418	.40398	.96638	1.00128	.91637	.86992	.44495
.900	-1.604	.94362	.98396	.86881	.79393	.40496	.96942	1.00493	.91917	.87264	.44643
.900	-1.142	.94634	.98739	.87063	.79414	.40552	.97247	1.00799	.92156	.87447	.44776
.900	-.697	.94770	.98987	.87137	.79363	.40475	.97437	1.01034	.92353	.87546	.44917
.900	-.264	.94717	.99030	.87109	.79209	.40302	.97724	1.01371	.92653	.87682	.45238
.900	.295	.94467	.98824	.86958	.78869	.39984	.97967	1.01686	.92967	.87834	.45627
.900	.811	.94241	.98853	.86842	.78582	.39703	.97962	1.01769	.93101	.87824	.45795
.900	GRADIENT	.00629	.00791	.00479	.00136	.00103	.00769	.00836	.00670	.00643	.00423

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

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CP04
1.100	-7.018	1.00817	1.04074	.95736	.91184	.55956	1.03925	1.06959	1.00857	.94736	.60154
1.100	-6.500	1.01890	1.05200	.96537	.91710	.56373	1.04986	1.08038	1.01675	.95950	.60609
1.100	-6.007	1.02799	1.06149	.97136	.91927	.56673	1.05927	1.08983	1.02356	.96999	.61023
1.100	-5.504	1.03670	1.07057	.97750	.92030	.57001	1.06722	1.09829	1.02984	.97856	.61362
1.100	-5.009	1.04512	1.07971	.98418	.92501	.57351	1.07472	1.10631	1.03578	.98703	.61651
1.100	-4.502	1.05184	1.08657	.98847	.92672	.57538	1.08195	1.11381	1.04154	.99380	.62003
1.100	-4.011	1.05817	1.09347	.99391	.92966	.57798	1.08753	1.11975	1.04581	.99850	.62195
1.100	-3.512	1.06494	1.10080	.99902	.93589	.58108	1.09342	1.12605	1.05049	1.00383	.62442
1.100	-3.012	1.06982	1.10609	1.00244	.93884	.58257	1.09773	1.13081	1.05389	1.00865	.62583
1.100	-2.518	1.07432	1.11118	1.00553	.94029	.58435	1.10199	1.13504	1.05709	1.01302	.62747
1.100	-2.028	1.07907	1.11665	1.00961	.94162	.58655	1.10609	1.13955	1.06060	1.01734	.62957
1.100	-1.542	1.08180	1.11986	1.01194	.94093	.58852	1.10834	1.14214	1.06246	1.01888	.63001
1.100	-.588	1.08411	1.12315	1.01350	.94110	.58726	1.11062	1.14454	1.06421	1.01982	.63057
1.100	-.136	1.08540	1.12562	1.01491	.94105	.58714	1.11186	1.14606	1.06515	1.01958	.63093
1.100	.432	1.08575	1.12685	1.01589	.94106	.58698	1.11333	1.14822	1.06696	1.01974	.63160
1.100	.927	1.08467	1.12648	1.01589	.93971	.58575	1.11415	1.14955	1.06839	1.01978	.63266
1.100	GRADIENT	1.08344	1.12736	1.01614	.93829	.58467	1.11387	1.14997	1.06917	1.01951	.63573
		.00600	.00759	.00505	.00190	.00175	.00591	.00662	.00500	.00472	.00269

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(SCM047) (03 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	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
1.250	-7.027	1.07970	1.11657	1.02872	.98106	.62638	1.10825	1.14245	1.07691	1.01605	.66205
1.250	-6.514	1.08986	1.12755	1.03564	.98311	.63032	1.11905	1.15401	1.08555	1.02903	.66723
1.250	-6.016	1.09962	1.13776	1.04265	.98836	.63438	1.12778	1.16247	1.09149	1.03786	.67012
1.250	-5.518	1.10705	1.14526	1.04789	.98870	.63672	1.13492	1.17017	1.09729	1.04643	.67367
1.250	-5.019	1.11557	1.15419	1.05388	.99289	.64074	1.14238	1.17775	1.10323	1.05497	.67710
1.250	-4.525	1.12165	1.16098	1.05916	.99510	.64305	1.14833	1.18439	1.10823	1.06080	.67989
1.250	-4.029	1.12826	1.16783	1.06360	.99844	.64562	1.15406	1.19026	1.11247	1.06539	.68161
1.250	-3.531	1.13432	1.17472	1.06850	1.00375	.64808	1.15991	1.19659	1.11731	1.07072	.68410
1.250	-3.040	1.13916	1.18026	1.07149	1.00696	.64963	1.16488	1.20172	1.12119	1.07552	.68594
1.250	-2.551	1.14426	1.18612	1.07539	1.00900	.65191	1.16972	1.20695	1.12534	1.08045	.68827
1.250	-2.063	1.14758	1.19036	1.07839	1.00800	.65290	1.17305	1.21061	1.12798	1.08312	.68961
1.250	-1.582	1.15038	1.19401	1.08063	1.00776	.65352	1.17575	1.21358	1.13024	1.08522	.69067
1.250	-1.113	1.15288	1.19781	1.08261	1.00817	.65384	1.17835	1.21627	1.13205	1.08642	.69145
1.250	-.660	1.15455	1.20046	1.08428	1.00832	.65366	1.18045	1.21857	1.13368	1.08682	.69276
1.250	-.222	1.15383	1.20064	1.08382	1.00679	.65209	1.18176	1.22042	1.13534	1.08733	.69489
1.250	.291	1.15157	1.19915	1.08241	1.00406	.64931	1.18347	1.22241	1.13740	1.08814	.69786
1.250	.848	1.15008	1.19967	1.08256	1.00342	.64773	1.18392	1.22399	1.13919	1.08849	.69968
GRADIENT		.00555	.00747	.00452	.00115	.00102	.00665	.00731	.00564	.00511	.00352

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

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
1.400	-7.024	1.09849	1.15112	1.05003	.99778	.64104	1.12772	1.17521	1.10136	1.04317	.67740
1.400	-6.511	1.10727	1.16114	1.05662	1.00117	.64405	1.13689	1.18549	1.10908	1.05389	.68143
1.400	-6.014	1.11662	1.17138	1.06354	1.00359	.64783	1.14613	1.19565	1.11663	1.06423	.68573
1.400	-5.515	1.12367	1.17946	1.06980	1.00559	.65034	1.15223	1.20225	1.12110	1.07206	.68712
1.400	-5.021	1.13229	1.18943	1.07580	1.01074	.65393	1.16086	1.21169	1.12848	1.08159	.69130
1.400	-4.522	1.13723	1.19525	1.07929	1.01192	.65468	1.16585	1.21783	1.13288	1.08633	.69298
1.400	-4.027	1.14563	1.20426	1.08620	1.01728	.65842	1.17305	1.22573	1.13891	1.09264	.69616
1.400	-3.528	1.15103	1.21025	1.08989	1.02202	.66028	1.17804	1.23126	1.14288	1.09714	.69830
1.400	-3.032	1.15558	1.21552	1.09166	1.02358	.66135	1.18232	1.23620	1.14636	1.10100	.69942
1.400	-2.542	1.15913	1.22002	1.09463	1.02326	.66238	1.18615	1.24008	1.14932	1.10330	.70074
1.399	-2.054	1.16233	1.22460	1.09805	1.02274	.66344	1.18874	1.24355	1.15204	1.10632	.70166
1.400	-1.576	1.16592	1.22910	1.10098	1.02324	.66419	1.19286	1.24826	1.15580	1.10984	.70307
1.400	-1.106	1.16823	1.23284	1.10297	1.02341	.66435	1.19575	1.25186	1.15843	1.11170	.70444
1.400	-.649	1.16980	1.23572	1.10465	1.02308	.66420	1.19803	1.25488	1.16079	1.11272	.70567
1.400	-.203	1.16889	1.23551	1.10379	1.02107	.66223	1.19916	1.25678	1.16244	1.11336	.70784
1.400	.308	1.16858	1.23583	1.10419	1.01954	.66109	1.20298	1.26112	1.16714	1.11664	.71261
1.400	.860	1.16552	1.23406	1.10287	1.01622	.65832	1.20199	1.26135	1.16756	1.11563	.71336
GRADIENT		.00540	.00747	.00443	.00044	.00072	.00671	.00803	.00634	.00536	.00350

IA310 (AEDC 16TF-783) PROBE CALIBRATION (SCMO47) (03 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	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
1.449	-7.037	1.09005	1.15730	1.05192	.99833	.64682	1.11667	1.17642	1.10164	1.04697	.67887
1.450	-6.525	1.09901	1.16676	1.05784	1.00286	.64980	1.12643	1.18733	1.10958	1.05773	.68286
1.450	-6.029	1.10634	1.17584	1.06394	1.00333	.65356	1.13331	1.19578	1.11565	1.06649	.68633
1.450	-5.532	1.11427	1.18518	1.07054	1.00763	.65666	1.14149	1.20441	1.12259	1.07593	.69015
1.450	-5.035	1.12108	1.19381	1.07529	1.01050	.65870	1.14775	1.21221	1.12836	1.08308	.69266
1.450	-4.542	1.12820	1.20188	1.08095	1.01310	.66078	1.15457	1.22033	1.13428	1.08895	.69521
1.450	-4.048	1.13430	1.20966	1.08688	1.01761	.66349	1.15995	1.22823	1.14055	1.09528	.69844
1.450	-3.554	1.13900	1.21552	1.08925	1.02137	.66449	1.16416	1.23403	1.14447	1.09952	.69961
1.451	-3.066	1.14591	1.22312	1.09402	1.02513	.66660	1.17088	1.24221	1.15117	1.10586	.70399
1.449	-2.580	1.14670	1.22513	1.09461	1.02204	.66717	1.17158	1.24360	1.15124	1.10533	.70283
1.450	-2.099	1.15002	1.23005	1.09793	1.02211	.66865	1.17455	1.24840	1.15469	1.10929	.70505
1.450	-1.622	1.15441	1.23570	1.10219	1.02409	.67023	1.17977	1.25493	1.15991	1.11431	.70731
1.450	-1.166	1.15613	1.23887	1.10354	1.02334	.66950	1.18238	1.25918	1.16155	1.11516	.70795
1.450	-.735	1.15881	1.24262	1.10580	1.02365	.66983	1.18630	1.26211	1.16315	1.11535	.70996
1.450	-.314	1.15760	1.24230	1.10429	1.02076	.66683	1.18887	1.26325	1.16450	1.11636	.71260
1.449	.246	1.15434	1.24020	1.10328	1.01769	.66195	1.19185	1.26706	1.16862	1.11882	.71664
1.450	.770	1.15177	1.23833	1.10283	1.01558	.65935	1.19221	1.26905	1.17103	1.11964	.71831
	GRADIENT	.00490	.00740	.00429	.00017	.00001	.00726	.00914	.00657	.00552	.00409

RUN NO. 1638/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
1.470	-7.033	1.05821	1.13807	1.03107	.97873	.63296	1.08617	1.16078	1.08509	1.03108	.66167
1.471	-6.526	1.06653	1.14937	1.03943	.98466	.63619	1.09457	1.17294	1.09421	1.04329	.66593
1.470	-6.029	1.07428	1.15885	1.04546	.98523	.63870	1.10189	1.18218	1.10080	1.05396	.66816
1.471	-5.533	1.08256	1.16862	1.05143	.98953	.64192	1.11042	1.19271	1.10876	1.06473	.67255
1.470	-5.035	1.08708	1.17505	1.05596	.99150	.64329	1.11432	1.19812	1.11252	1.06898	.67386
1.470	-4.542	1.09303	1.18216	1.06148	.99464	.64597	1.11930	1.20432	1.11708	1.07347	.67614
1.470	-4.043	1.09810	1.18920	1.06607	.99804	.64774	1.12334	1.20956	1.12114	1.07772	.67803
1.469	-3.552	1.10287	1.19541	1.06855	1.00115	.64889	1.12813	1.21541	1.12537	1.08199	.68066
1.470	-3.065	1.10821	1.20182	1.07121	1.00281	.65064	1.13284	1.21971	1.12854	1.08460	.68255
1.470	-2.573	1.11179	1.20714	1.07522	1.00321	.65242	1.13589	1.22289	1.13096	1.08702	.68441
1.470	-2.095	1.11298	1.21133	1.07858	1.00359	.65329	1.13665	1.22585	1.13293	1.08929	.68535
1.470	-1.621	1.11560	1.21605	1.08222	1.00502	.65448	1.13970	1.23050	1.13655	1.09268	.68775
1.471	-1.158	1.11677	1.21855	1.08357	1.00464	.65465	1.14183	1.23340	1.13876	1.09422	.68963
1.470	-.719	1.11607	1.21963	1.08349	1.00271	.65323	1.14310	1.23538	1.14018	1.09437	.69017
1.470	-.293	1.11415	1.21962	1.08278	1.00024	.64826	1.14563	1.23841	1.14299	1.09631	.69369
1.471	.215	1.11367	1.21926	1.08266	.99911	.64492	1.15133	1.24294	1.14796	1.10002	.70033
1.484	.782	1.11110	1.21827	1.08224	.99649	.64157	1.15185	1.24440	1.14914	1.09938	.70290
	GRADIENT	.00350	.00710	.00418	.00023	-.00043	.00592	.00747	.00590	.00485	.00472

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(SCMO47) (03 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	CPR	CPC7	CPC8	CPC9	CPC3	CPL	CPC10	CPC11	CPC12	CPO4
1.492	-7.036	1.01215	1.13117	1.02145	.96965	.62677	1.03978	1.15240	1.07676	1.02596	.65920
1.492	-6.524	1.01565	1.14098	1.02799	.97234	.62939	1.04381	1.16252	1.08468	1.03689	.66327
1.492	-6.022	1.01654	1.15048	1.03413	.97436	.63230	1.04455	1.17194	1.09131	1.04801	.66637
1.492	-5.531	1.01793	1.15932	1.03917	.97820	.63554	1.04532	1.17965	1.09669	1.05605	.66891
1.492	-5.033	1.01655	1.16771	1.04483	.98101	.63776	1.04403	1.18794	1.10278	1.06299	.67225
1.492	-4.534	1.01725	1.17503	1.05035	.98391	.63987	1.04412	1.19411	1.10693	1.06720	.67412
1.493	-4.045	1.01895	1.18348	1.05485	.98816	.64208	1.04603	1.20156	1.11230	1.07227	.67696
1.492	-3.550	1.01788	1.19128	1.05769	.99157	.64414	1.04455	1.20762	1.11649	1.07524	.67862
1.492	-3.056	1.01268	1.19656	1.06069	.99136	.64509	1.03951	1.21178	1.11901	1.07764	.67960
1.492	-2.573	1.00757	1.20141	1.06458	.99203	.64626	1.03443	1.21523	1.12071	1.07970	.67990
1.492	-2.086	1.00620	1.20605	1.06845	.99343	.64762	1.03358	1.21937	1.12372	1.08283	.68184
1.492	-1.615	1.00092	1.20878	1.07020	.99320	.64728	1.02960	1.22141	1.12494	1.08372	.68152
1.492	-1.149	.99820	1.21182	1.07262	.99382	.64780	1.02783	1.22458	1.12763	1.08578	.68320
1.492	-.711	.99572	1.21334	1.07368	.99330	.64653	1.02723	1.22761	1.13014	1.08704	.68495
1.492	-.278	.99206	1.21347	1.07350	.99165	.64415	1.02893	1.23148	1.13351	1.08914	.68809
1.492	.231	.99064	1.21271	1.07245	.98853	.64061	1.03399	1.23497	1.13723	1.09108	.69264
1.492	.796	.99213	1.21190	1.07150	.98514	.63783	1.03878	1.23543	1.13801	1.09026	.69471
	GRADIENT	-.00607	.00691	.00434	.00024	-.00017	-.00264	.00756	.00559	.00430	.00344

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

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPC3	CPL	CPC10	CPC11	CPC12	CPO4
1.514	-7.040	.89826	1.12902	1.02059	.97126	.62681	.93027	1.14863	1.07352	1.02544	.65931
1.515	-6.523	.89253	1.13977	1.02737	.97378	.63057	.92473	1.15973	1.08198	1.03675	.66388
1.514	-6.027	.88383	1.14951	1.03267	.97489	.63279	.91648	1.16835	1.08835	1.04776	.66614
1.514	-5.530	.87911	1.15962	1.03752	.97803	.63532	.90989	1.17688	1.09382	1.05562	.66808
1.514	-5.033	.88136	1.17053	1.04412	.98227	.63892	.91129	1.18842	1.10212	1.06370	.67270
1.514	-4.538	.87897	1.17802	1.04685	.98492	.64036	.90899	1.19473	1.10620	1.06699	.67398
1.514	-4.044	.86889	1.18428	1.04791	.98606	.64166	.89964	1.20038	1.11016	1.06976	.67552
1.514	-3.554	.85822	1.19372	1.05372	.98877	.64500	.88952	1.20854	1.11616	1.07573	.67852
1.515	-3.060	.84960	1.20226	1.05874	.99076	.64685	.88157	1.21612	1.12134	1.08098	.68018
1.514	-2.573	.84480	1.20944	1.06251	.99139	.64708	.87735	1.22342	1.12535	1.08498	.68093
1.514	-2.084	.84457	1.21647	1.06657	.99242	.64815	.87687	1.22990	1.12926	1.08862	.68262
1.514	-1.614	.84270	1.22238	1.06968	.99325	.64893	.87446	1.23511	1.13237	1.09131	.68385
1.514	-1.153	.84084	1.22522	1.07084	.99189	.64774	.87312	1.23824	1.13377	1.09179	.68387
1.514	-.709	.83985	1.22780	1.07323	.99227	.64740	.87482	1.24261	1.13661	1.09301	.68527
1.514	-.281	.83945	1.22757	1.07334	.99000	.64524	.87955	1.24637	1.13908	1.09368	.68851
1.514	.232	.83478	1.22389	1.07138	.98581	.64227	.88126	1.25001	1.14379	1.09689	.69398
1.515	.799	.83981	1.22275	1.07072	.98297	.64080	.88866	1.25210	1.14695	1.09817	.69678
	GRADIENT	-.00684	.00928	.00521	-.00003	.00014	-.00374	.01117	.00745	.00584	.00383

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(SCMO47) (03 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	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
1.541	-7.035	.73110	1.13329	1.01825	.96818	.62454	.76909	1.15488	1.07633	1.03055	.66238
1.541	-6.523	.73351	1.14473	1.02074	.97083	.62716	.76924	1.16654	1.08441	1.04147	.66648
1.541	-6.027	.73582	1.15643	1.02480	.97430	.62962	.77009	1.17629	1.09093	1.04764	.66891
1.541	-5.530	.73904	1.16887	1.02958	.97699	.63224	.77286	1.18610	1.09700	1.05413	.67124
1.540	-5.038	.74307	1.18176	1.03449	.97858	.63446	.77733	1.19731	1.10297	1.06123	.67402
1.540	-4.534	.75026	1.19515	1.04038	.98068	.63645	.78397	1.20929	1.10856	1.06770	.67635
1.541	-4.040	.76407	1.21013	1.04691	.98323	.63884	.79557	1.22288	1.11431	1.07361	.67868
1.541	-3.549	.79179	1.22985	1.05483	.98640	.64054	.82101	1.24173	1.11921	1.07900	.68006
1.541	-3.056	.84562	1.25606	1.06630	.99208	.64284	.87253	1.27247	1.12622	1.08516	.68147
1.541	-2.574	.87733	1.24625	1.07450	.99409	.64484	.90361	1.27373	1.13371	1.08964	.68342
1.541	-2.090	.89368	1.21982	1.07892	.99432	.64505	.91983	1.25642	1.13731	1.09062	.68330
1.541	-1.614	.90704	1.18915	1.08226	.99440	.64472	.93296	1.23719	1.13995	1.09078	.68301
1.541	-1.149	.91942	1.16117	1.08595	.99540	.64530	.94521	1.22145	1.14341	1.09222	.68412
1.542	-.710	.93153	1.14405	1.08879	.99708	.64785	.95777	1.21562	1.14885	1.09551	.68686
1.541	-.280	.93701	1.12654	1.08701	.99508	.64848	.96648	1.21744	1.15291	1.09773	.69075
1.542	.231	.94041	1.10960	1.08188	.98963	.64610	.97363	1.22073	1.15697	1.10005	.69459
1.541	.796	.94175	1.10474	1.07958	.98567	.64357	.97678	1.22592	1.15836	1.10000	.69547
	GRADIENT	.03876	-.02523	.00823	.00148	.00165	.03894	-.00328	.00962	.00576	.00335

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(SCMO48) (03 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	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
.600	-7.023	.72549	.76454	.68205	.63518	.25568	.73413	.77030	.70548	.63646	.26306
.599	-6.514	.74127	.77998	.69363	.64375	.26264	.74943	.78496	.71678	.65161	.27073
.599	-6.011	.75262	.79091	.69985	.64493	.26524	.76095	.79614	.72470	.66657	.27451
.600	-5.513	.76869	.80626	.71167	.65556	.27389	.77567	.81009	.73600	.68170	.28219
.601	-5.021	.77707	.81472	.71760	.65599	.27745	.78342	.81777	.74133	.68966	.28549
.600	-4.523	.78526	.82315	.72257	.65845	.28666	.79194	.82613	.74751	.69783	.28766
.600	-4.026	.79574	.83298	.73030	.66315	.28363	.80223	.83563	.75483	.70516	.29230
.600	-3.528	.80385	.84192	.73686	.66904	.28729	.81047	.84409	.76128	.71186	.29627
.600	-3.030	.81102	.84944	.74209	.67616	.28935	.81739	.85064	.76627	.71767	.29809
.601	-2.537	.81571	.85468	.74478	.67745	.29153	.82176	.85543	.76991	.72212	.30046
.600	-2.049	.82218	.86169	.75043	.67968	.29314	.82745	.86097	.77431	.72696	.30180
.601	-1.561	.82636	.86571	.75372	.67934	.29562	.83051	.86402	.77630	.73024	.30421
.601	-1.088	.82883	.86899	.75548	.67878	.29611	.83189	.86590	.77757	.73063	.30443
.600	-.654	.83101	.87214	.75704	.67900	.29590	.83397	.86831	.77903	.73061	.30426
.600	-.310	.83097	.87249	.75596	.67694	.29367	.83753	.87181	.78235	.73286	.30778
.601	.248	.82519	.86823	.75019	.67001	.28664	.84619	.88162	.79277	.74166	.31972
.601	.828	.82004	.86443	.74614	.66430	.28196	.84408	.87984	.79189	.73930	.32061
	GRADIENT	.00721	.00842	.00502	.00149	.00117	.00936	.00970	.00782	.00754	.00539

RUN NO. 1464/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
.800	-7.018	.80984	.84776	.76055	.71143	.32051	.82180	.85593	.78870	.72126	.33419
.800	-6.507	.82333	.86151	.77071	.71848	.32623	.83385	.86821	.79797	.73575	.33921
.800	-6.006	.83465	.87284	.77781	.72241	.33040	.84478	.87919	.80617	.74909	.34401
.800	-5.505	.84627	.88436	.78571	.72479	.33481	.85550	.88997	.81438	.76059	.34887
.800	-5.010	.85670	.89440	.79346	.72986	.33907	.86591	.90050	.82238	.77110	.35408
.800	-4.515	.86548	.90363	.79926	.73312	.34294	.87357	.90837	.82802	.77796	.35663
.800	-4.014	.87292	.91144	.80518	.73658	.34577	.88134	.91613	.83390	.78351	.35993
.800	-3.518	.88043	.91960	.81088	.74288	.34925	.88837	.92330	.83926	.78900	.36261
.800	-3.022	.88651	.92623	.81537	.74834	.35163	.89448	.92942	.84389	.79439	.36524
.800	-2.530	.89173	.93218	.81834	.74975	.35343	.89992	.93488	.84818	.79952	.36759
.800	-2.033	.89631	.93740	.82307	.75137	.35500	.90397	.93902	.85135	.80350	.36906
.800	-1.549	.90066	.94209	.82668	.75118	.35665	.90781	.94292	.85438	.80692	.37090
.800	-1.072	.90371	.94596	.82888	.75099	.35747	.91046	.94574	.85789	.80833	.37178
.800	-.620	.90570	.94912	.83066	.75142	.35803	.91176	.94760	.85878	.80875	.37216
.802	-.218	.89996	.94542	.82537	.74524	.35125	.91111	.94898	.85892	.80878	.37376
.800	.329	.90653	.95050	.82965	.74782	.35296	.92609	.96146	.87155	.81929	.38611
.800	.886	.89458	.94228	.82189	.73820	.34526	.91559	.95411	.86527	.81139	.38250
	GRADIENT	.00648	.00809	.00494	.00141	.00110	.00829	.00881	.00711	.00673	.00468

(SCM048) (03 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	CPR	CPC7	CPC8	CPC9	CPC3	CPL	CPC10	CPC11	CPC12	CPC4
.900	-7.016	86948	90578	81925	77053	38576	88088	91384	84712	78070	39908
.900	-6.503	88203	91867	82862	77698	39104	89285	92583	85592	79568	40453
.900	-6.006	89296	92996	83622	78293	39530	90301	93634	86381	80735	40894
.900	-5.504	90386	94105	84405	78306	40016	91240	94598	87107	81741	41303
.900	-5.012	91312	95002	85034	78776	40359	92132	95509	87788	82694	41692
.900	-4.510	92148	95892	85646	79108	40710	92876	96304	88359	83406	41996
.900	-4.012	92868	96634	86206	79454	41002	93587	97005	88883	83921	42279
.900	-3.520	93541	97367	86744	80052	41291	94267	97700	89427	84523	42600
.900	-3.017	94234	98129	87267	80656	41581	95024	98430	90005	85237	42921
.901	-2.524	94503	98129	87418	80618	41688	95201	98694	90160	85477	42967
.900	-2.031	95061	99124	87930	80827	41912	95743	99243	90610	85972	43229
.900	-1.547	95221	99359	88083	80636	41869	95878	99386	90673	86039	43204
.900	-1.070	95803	99947	88225	80825	42106	96406	99880	91084	86366	43435
.900	-.623	95914	1.00196	88607	80786	42071	96507	1.00040	91170	86366	43444
.900	-.259	95834	1.00204	88510	80612	41868	96664	1.00257	91375	86463	43641
.900	.313	95274	99759	87989	79936	41198	97111	1.00780	91967	86846	44376
.900	.881	95040	99717	87941	79701	41001	97036	1.00798	92023	86737	44496
	GRADIENT	.00595	.00762	.00463	.00117	.00093	.00766	.00821	.00656	.00618	.00419

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

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPC3	CPL	CPC10	CPC11	CPC12	CPC4
1.100	-7.012	1.01617	1.04917	.96773	.92125	.57035	1.03046	1.06102	.99881	.93789	.58885
1.100	-6.497	1.02654	1.06012	.97521	.92657	.57474	1.04022	1.07080	1.00557	.94995	.59252
1.100	-5.998	1.03572	1.06977	.98166	.93136	.57790	1.04943	1.08046	1.01299	.96012	.59681
1.100	-5.499	1.04517	1.07962	.98860	.93177	.58178	1.05801	1.08923	1.01951	.96918	.60025
1.100	-5.005	1.05326	1.08795	.99446	.93540	.58492	1.06483	1.09638	1.02467	.97685	.60288
1.100	-4.500	1.06086	1.09547	.99974	.93784	.58735	1.07291	1.10465	1.03107	.98425	.60675
1.100	-4.001	1.06720	1.10261	1.00503	.94150	.59027	1.07819	1.11049	1.03519	.98865	.60859
1.100	-3.506	1.07342	1.10919	1.00965	.94722	.59256	1.08388	1.11627	1.03951	.99357	.61047
1.100	-3.005	1.07902	1.11569	1.01437	.95172	.59508	1.08923	1.12199	1.04389	.99914	.61280
1.100	-2.509	1.08305	1.12048	1.01660	.95218	.59654	1.09332	1.12634	1.04720	1.00347	.61448
1.100	-2.010	1.08709	1.12527	1.02093	.95335	.59811	1.09728	1.13042	1.05036	1.00681	.61627
1.100	-1.518	1.08998	1.12867	1.02359	.95299	.59887	1.10009	1.13335	1.05246	1.00866	.61713
1.100	-1.025	1.09292	1.13259	1.02589	.95333	.59988	1.10202	1.13563	1.05413	1.00949	.61760
1.100	-.571	1.09400	1.13449	1.02652	.95298	.59954	1.10303	1.13714	1.05508	1.00921	.61783
1.100	-.102	1.09381	1.13549	1.02673	.95208	.59826	1.10537	1.13964	1.05715	1.00915	.61966
1.100	.440	1.09244	1.13506	1.02653	.95049	.59635	1.10606	1.14101	1.05870	1.01043	.62182
1.100	.966	1.09143	1.13565	1.02704	.94951	.59635	1.10511	1.14069	1.05864	1.00914	.62216
	GRADIENT	.00577	.00746	.00500	.00179	.00165	.00605	.00667	.00509	.00465	.00275

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(SCMO48) (03 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	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
1.250	-7.018	1.08940	1.12670	1.04008	.99190	.63861	1.09926	1.13387	1.06708	1.03497	.65008
1.250	-6.503	1.09987	1.13788	1.04730	.99516	.64295	1.10959	1.14464	1.07520	1.02016	.65470
1.250	-6.004	1.10892	1.14729	1.05339	.99755	.64632	1.11908	1.15450	1.08240	1.02989	.65908
1.250	-5.504	1.11759	1.15598	1.05993	1.00053	.64991	1.12721	1.16243	1.08839	1.03863	.66256
1.250	-5.005	1.12448	1.16352	1.06476	1.00375	.65273	1.13323	1.16879	1.09307	1.04581	.66479
1.250	-4.505	1.13090	1.17028	1.06977	1.00600	.65488	1.13936	1.17521	1.09792	1.05146	.66743
1.250	-4.012	1.13765	1.17808	1.07557	1.01006	.65806	1.14516	1.18156	1.10263	1.05649	.66964
1.250	-3.513	1.14434	1.18514	1.08057	1.01647	.66073	1.15216	1.18893	1.10839	1.06284	.67325
1.250	-3.014	1.14864	1.19030	1.08297	1.01884	.66220	1.15661	1.19341	1.11153	1.06694	.67456
1.250	-2.520	1.15293	1.19549	1.08617	1.02033	.66415	1.16036	1.19756	1.11442	1.07039	.67591
1.250	-2.024	1.15739	1.20091	1.09068	1.02088	.66612	1.16465	1.20211	1.11815	1.07348	.67800
1.250	-1.536	1.16116	1.20531	1.09365	1.02077	.66740	1.16846	1.20578	1.12099	1.07618	.67955
1.250	-1.055	1.16243	1.20807	1.09543	1.02070	.66751	1.16914	1.20708	1.12180	1.07610	.67945
1.250	-.604	1.16346	1.21060	1.09707	1.02081	.66749	1.16979	1.20825	1.12240	1.07574	.67957
1.249	-.192	1.16283	1.21036	1.09533	1.01806	.66400	1.17335	1.21112	1.12519	1.07762	.68289
1.250	.354	1.16069	1.20950	1.09433	1.01562	.66134	1.17647	1.21504	1.12920	1.08018	.68784
1.250	.910	1.15874	1.20894	1.09377	1.01335	.65946	1.17577	1.21521	1.12950	1.07917	.68856
1.250	GRADIENT	.00540	.00740	.00459	.00111	.00102	.00667	.00722	.00564	.00494	.00361

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

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
1.399	-7.017	1.10833	1.16107	1.06080	1.00720	.65203	1.11821	1.16617	1.09179	1.03449	.66563
1.400	-6.496	1.11709	1.17093	1.06776	1.01432	.65532	1.12679	1.17581	1.09827	1.04437	.66915
1.400	-5.997	1.12738	1.18226	1.07614	1.01550	.66055	1.13637	1.18581	1.10575	1.05529	.67318
1.400	-5.497	1.13400	1.19054	1.08206	1.01852	.66270	1.14269	1.19329	1.11100	1.06354	.67546
1.400	-5.009	1.14224	1.19992	1.08803	1.02233	.66602	1.15063	1.20197	1.11774	1.07169	.67889
1.400	-4.505	1.14857	1.20672	1.09271	1.02459	.66805	1.15608	1.20845	1.12237	1.07693	.68092
1.399	-4.011	1.15612	1.21519	1.09887	1.02986	.67065	1.16362	1.21673	1.12867	1.08336	.68406
1.400	-3.512	1.16096	1.22010	1.10116	1.03359	.67207	1.16771	1.22079	1.13128	1.08655	.68497
1.400	-3.013	1.16621	1.22646	1.10452	1.03620	.67458	1.17301	1.22674	1.13583	1.09149	.68738
1.400	-2.518	1.17009	1.23148	1.10773	1.03626	.67586	1.17685	1.23096	1.13883	1.09417	.68957
1.400	-2.022	1.17217	1.23544	1.11053	1.03485	.67649	1.17910	1.23405	1.14107	1.09568	.68917
1.400	-1.530	1.17749	1.24191	1.11588	1.03698	.67855	1.18438	1.23980	1.14550	1.10011	.69145
1.400	-1.053	1.17918	1.24521	1.11793	1.03708	.67863	1.18579	1.24206	1.14696	1.10082	.69176
1.400	-.595	1.18104	1.24831	1.11987	1.03740	.67881	1.18745	1.24433	1.14867	1.10138	.69244
1.400	-.177	1.17896	1.24670	1.11714	1.03362	.67517	1.18959	1.24689	1.15138	1.10325	.69574
1.400	.373	1.17655	1.24511	1.11480	1.02932	.67148	1.19279	1.25131	1.15629	1.10630	.70040
1.400	.918	1.17523	1.24492	1.11491	1.02765	.67027	1.19297	1.25209	1.15740	1.10587	.70162
1.400	GRADIENT	.00510	.00741	.00440	.00029	.00062	.00665	.00790	.00623	.00514	.00350

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(SCMO48) (03 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	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
1.450	-7.016	1.10241	1.16925	1.06504	1.101294	.66013	1.10762	1.16793	1.09192	1.03874	.66732
1.450	-6.507	1.11093	1.17858	1.07066	1.01498	.66318	1.11652	1.17849	1.09350	1.04952	.67128
1.449	-6.008	1.11724	1.18713	1.07587	1.01533	.66566	1.12335	1.18703	1.10565	1.05865	.67433
1.450	-5.509	1.12498	1.19577	1.08235	1.01940	.66879	1.13061	1.19437	1.11089	1.06599	.67649
1.450	-5.011	1.13092	1.20431	1.08751	1.02179	.67058	1.13654	1.20204	1.11709	1.07298	.67970
1.449	-4.518	1.13789	1.21227	1.09328	1.02461	.67263	1.14227	1.20952	1.12338	1.07844	.68150
1.450	-4.015	1.14500	1.22048	1.09899	1.02971	.67540	1.14890	1.21761	1.12856	1.08479	.68480
1.449	-3.521	1.15089	1.22683	1.10242	1.03439	.67770	1.15475	1.22490	1.13438	1.09013	.68758
1.450	-3.024	1.15502	1.23234	1.10489	1.03577	.68010	1.15909	1.23048	1.13845	1.09389	.68954
1.449	-2.526	1.15750	1.23666	1.10761	1.03481	.68277	1.16174	1.23441	1.14085	1.09586	.69012
1.450	-2.038	1.16095	1.24168	1.11196	1.03589	.68218	1.16484	1.23867	1.14360	1.09873	.69203
1.450	-1.555	1.16501	1.24771	1.11620	1.03704	.68285	1.16856	1.24393	1.14714	1.10217	.69311
1.450	-1.082	1.17001	1.25384	1.12052	1.03874	.68436	1.17330	1.24928	1.15067	1.10468	.69478
1.451	-.643	1.17127	1.25569	1.12175	1.03838	.68421	1.17458	1.24938	1.14983	1.10245	.69529
1.450	-.299	1.16983	1.25639	1.12047	1.03556	.68142	1.17575	1.24962	1.15074	1.10312	.69785
1.450	.266	1.16443	1.25265	1.11596	1.02961	.67377	1.18316	1.25734	1.15914	1.10965	.70562
1.451	.841	1.16229	1.25132	1.11522	1.02674	.67183	1.18411	1.26010	1.16128	1.11056	.70732
GRADIENT		.00512	.00805	.00475	.00043	.00027	.00755	.00903	.00666	.00545	.00430

RUN NO. 1639/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
1.470	-7.019	1.06896	1.14825	1.04311	.99209	.64381	1.07588	1.15142	1.07463	1.02225	.64947
1.470	-6.504	1.07637	1.15963	1.05084	.99510	.64712	1.08286	1.16278	1.08306	1.03352	.65324
1.469	-6.005	1.08458	1.16940	1.05746	.99650	.64993	1.09084	1.17259	1.08992	1.04501	.65562
1.470	-5.507	1.09248	1.17833	1.06295	1.00017	.65321	1.09917	1.18201	1.09712	1.05440	.65967
1.470	-5.013	1.09862	1.18659	1.06944	1.00400	.65651	1.10445	1.18953	1.10283	1.06075	.66274
1.470	-4.510	1.10328	1.19284	1.07359	1.00571	.65757	1.10805	1.19407	1.10564	1.06372	.66340
1.470	-4.017	1.10956	1.20052	1.07896	1.01028	.66014	1.11345	1.20040	1.11029	1.06804	.66603
1.470	-3.518	1.11498	1.20708	1.08152	1.01435	.66148	1.11870	1.20577	1.11485	1.07184	.66816
1.484	-3.020	1.11957	1.21323	1.08431	1.01564	.66327	1.12250	1.21029	1.11813	1.07488	.67001
1.470	-2.533	1.12123	1.21777	1.08796	1.01566	.66430	1.12363	1.21248	1.11961	1.07651	.67111
1.470	-2.040	1.12428	1.22233	1.09173	1.01625	.66526	1.12688	1.21649	1.12243	1.07943	.67297
1.470	-1.551	1.12688	1.22659	1.09520	1.01722	.66650	1.12915	1.22022	1.12543	1.08176	.67410
1.470	-1.075	1.12841	1.22967	1.09739	1.01745	.66712	1.13039	1.22329	1.12687	1.08283	.67531
1.470	-.639	1.12892	1.23175	1.09862	1.01733	.66768	1.13144	1.22569	1.12844	1.08320	.67662
1.470	-.258	1.12643	1.23041	1.09601	1.01324	.66240	1.13633	1.22969	1.12844	1.08642	.68091
1.470	.287	1.12237	1.22883	1.09334	1.00867	.65552	1.14199	1.23404	1.13839	1.09100	.68944
1.470	.864	1.12036	1.22840	1.09339	1.00603	.65295	1.14196	1.23497	1.13882	1.08979	.69139
GRADIENT		.00332	.00687	.00403	-.00001	-.00038	.00597	.00751	.00596	.00479	.00476

(SCMO48) (03 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	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
1.492	-7.017	1.02288	1.14189	1.03358	.98397	.63804	1.02844	1.14306	1.06650	1.01747	.64723
1.492	-6.508	1.02650	1.15218	1.04041	.98370	.64112	1.03222	1.15346	1.07447	1.02845	.65131
1.492	-6.004	1.02768	1.16161	1.04669	.98657	.64442	1.03292	1.16274	1.08119	1.03954	.65438
1.492	-5.511	1.02858	1.17042	1.05230	.99037	.64763	1.03348	1.17139	1.08770	1.04829	.65767
1.492	-5.012	1.02820	1.17820	1.05773	.99294	.64990	1.03221	1.17732	1.09114	1.05278	.65925
1.492	-4.514	1.02809	1.18575	1.06270	.99554	.65151	1.03243	1.18475	1.09653	1.05779	.66236
1.492	-4.016	1.02821	1.19457	1.06775	1.00067	.65422	1.03196	1.19166	1.10152	1.06173	.66494
1.493	-3.523	1.02586	1.20199	1.07051	1.00388	.65650	1.02929	1.19779	1.10572	1.06517	.66686
1.492	-3.024	1.02204	1.20687	1.07349	1.00351	.65737	1.02576	1.20208	1.10819	1.06779	.66731
1.492	-2.531	1.01654	1.21151	1.07706	1.00386	.65878	1.02073	1.20604	1.11056	1.07017	.66832
1.492	-2.039	1.01405	1.21594	1.08095	1.00515	.66047	1.01798	1.20984	1.11310	1.07295	.67022
1.492	-1.549	1.01128	1.21867	1.08309	1.00534	.66087	1.01544	1.21164	1.11403	1.07359	.67033
1.493	-1.078	1.00723	1.22189	1.08538	1.00594	.66183	1.01166	1.21459	1.11598	1.07474	.67090
1.492	-.629	1.00564	1.22444	1.08689	1.00586	.66142	1.01069	1.21753	1.11770	1.07519	.67090
1.492	-.244	.99916	1.22252	1.08462	1.00273	.66641	1.01301	1.22204	1.12179	1.07806	.67480
1.492	.302	.99762	1.22130	1.08271	.99844	.65210	1.02088	1.22690	1.12748	1.08173	.68172
1.492	.872	1.00106	1.22150	1.08339	.99577	.65032	1.02609	1.22696	1.12820	1.08091	.68425
	GRADIENT	-.00631	.00654	.00396	-.00004	-.00001	-.00282	.00766	.00551	.00418	.00343

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

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
1.515	-7.022	.91245	1.14193	1.03446	.98688	.64011	.92079	1.14208	1.06566	1.01939	.64945
1.515	-6.502	.90351	1.15137	1.03981	.98569	.64260	.91117	1.15078	1.07167	1.02875	.65167
1.514	-6.004	.90083	1.16209	1.04618	.98791	.64548	.90762	1.16023	1.07848	1.04002	.65464
1.515	-5.510	.89728	1.17254	1.05182	.99130	.64836	.90269	1.16956	1.08531	1.04877	.65766
1.515	-5.012	.89746	1.18068	1.05650	.99334	.65071	.90145	1.17767	1.09023	1.05340	.65987
1.515	-4.514	.89008	1.18894	1.06058	.99722	.65317	.89463	1.18560	1.09605	1.05764	.66269
1.515	-4.016	.87970	1.19659	1.06281	1.00027	.65562	.88472	1.19202	1.10054	1.06110	.66443
1.514	-3.518	.86783	1.20379	1.06567	1.00016	.65682	.87381	1.19865	1.10453	1.06528	.66509
1.515	-3.019	.86613	1.21345	1.07231	1.00348	.65959	.87222	1.20716	1.11013	1.07074	.66781
1.514	-2.531	.86173	1.22147	1.07721	1.00494	.66067	.86784	1.21445	1.11462	1.07490	.66896
1.514	-2.038	.86031	1.22721	1.08066	1.00542	.66122	.86635	1.22059	1.11791	1.07775	.66972
1.514	-1.548	.85860	1.23274	1.08439	1.00693	.66291	.86435	1.22565	1.12097	1.08033	.67124
1.514	-1.072	.85457	1.23622	1.08659	1.00700	.66267	.86171	1.22940	1.12282	1.08133	.67156
1.514	-.633	.85317	1.23965	1.08882	1.00700	.66301	.86303	1.23304	1.12461	1.08191	.67226
1.514	-.245	.85583	1.23830	1.08735	1.00376	.65901	.87614	1.23637	1.12721	1.08271	.67463
1.514	.301	.84515	1.23482	1.08319	.99683	.65339	.87575	1.24174	1.13384	1.08755	.68352
1.514	.871	.84550	1.23447	1.08266	.99407	.65130	.87633	1.24240	1.13580	1.08747	.68480
	GRADIENT	-.00710	.00922	.00504	-.00011	.00001	-.00248	.01101	.00724	.00557	.00381

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(SCMO48) (03 OCT 91)

PARAMETRIC DATA

BETA = -.500 PHI = 180.000

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
1.541	-7.017	.74393	1.14434	1.03137	.97965	.63663	.75534	1.14547	1.06552	1.02172	.65064
1.541	-6.502	.74637	1.15543	1.03362	.98184	.63860	.75619	1.15667	1.07324	1.03136	.65390
1.541	-6.009	.74933	1.16764	1.03880	.98687	.64220	.75929	1.16833	1.08101	1.03860	.65754
1.542	-5.505	.75405	1.18142	1.04510	.99119	.64635	.76382	1.18052	1.08825	1.04703	.66098
1.542	-5.012	.75785	1.19300	1.04949	.99260	.64855	.76730	1.19074	1.09312	1.05280	.66265
1.541	-4.514	.76382	1.20454	1.05314	.99273	.64896	.77397	1.20220	1.09776	1.05798	.66405
1.542	-4.016	.77821	1.21945	1.05953	.99519	.65124	.78698	1.21640	1.10321	1.06377	.66611
1.541	-3.518	.80911	1.24067	1.06865	1.00029	.65430	.81668	1.23847	1.10958	1.07016	.66806
1.542	-3.020	.86047	1.27115	1.07955	1.00498	.65577	.86797	1.26098	1.11720	1.07601	.66944
1.541	-2.527	.88715	1.27066	1.08587	1.00559	.65659	.89513	1.24235	1.12362	1.07873	.67069
1.541	-2.034	.90407	1.25410	1.09105	1.00626	.65715	.91235	1.21415	1.12702	1.07916	.67050
1.542	-1.549	.92096	1.23267	1.09708	1.00880	.65904	.92845	1.19081	1.13070	1.08039	.67168
1.541	-1.077	.93443	1.21052	1.10140	1.01021	.66007	.94174	1.17439	1.13311	1.08091	.67270
1.541	-.632	.94354	1.18823	1.10343	1.01011	.66008	.95011	1.16248	1.13508	1.08094	.67228
1.541	-.245	.94813	1.15766	1.10054	1.00638	.65962	.96103	1.16799	1.14065	1.08433	.67708
1.542	.303	.95045	1.13477	1.09505	.99962	.65626	.96973	1.17556	1.14713	1.08918	.68289
1.542	.879	.95221	1.13156	1.09491	.99770	.65465	.97253	1.17618	1.14800	1.08861	.68315
	GRADIENT	.03758	-.01976	.00855	.00132	.00130	.03928	-.01341	.00934	.00507	.00323

IA310 (AEDC 16TF-783) PROBE CALIBRATION (SCMO49) (03 OCT 91)

PARAMETRIC DATA

BETA = .000 PHI = 180.000

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

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
.599	-6.997	.73540	.77491	.69351	.64624	.26874	.72243	.75950	.69340	.62277	.24868
.600	-6.488	.75146	.79016	.70501	.65470	.27566	.73801	.77417	.70468	.64102	.25597
.599	-5.990	.76493	.80340	.71421	.66111	.28055	.75072	.78642	.71387	.65678	.26062
.600	-5.492	.77796	.81593	.72304	.66622	.28707	.76253	.79727	.72197	.66781	.26587
.600	-4.994	.78700	.82477	.72905	.66732	.29009	.77158	.80611	.72837	.67727	.26971
.600	-4.490	.79765	.83560	.73655	.67240	.29485	.78233	.81675	.73660	.68767	.27470
.600	-3.991	.80690	.84522	.74380	.67697	.29828	.79128	.82552	.74321	.69384	.27792
.600	-3.487	.81358	.85215	.74865	.68194	.30085	.79833	.83228	.74836	.69938	.28104
.600	-2.987	.82083	.85933	.75407	.68792	.30261	.80596	.83922	.75359	.70555	.28337
.600	-2.482	.82600	.86521	.75712	.68965	.30462	.81105	.84463	.75778	.71043	.28601
.601	-1.976	.83231	.87201	.76293	.69210	.30775	.81657	.84990	.76215	.71553	.28854
.600	-1.468	.83668	.87725	.76712	.69287	.30866	.81985	.85354	.76488	.71780	.28880
.600	-.954	.84047	.88174	.77028	.69350	.31032	.82440	.85765	.76796	.72010	.29126
.600	-.420	.84226	.88447	.77151	.69299	.31021	.82535	.85948	.76914	.71967	.29220
.600	-.075	.83376	.87657	.76054	.68114	.29772	.83592	.87052	.78041	.73013	.30478
.600	.472	.83210	.87587	.75984	.67926	.29679	.83668	.87147	.78175	.72960	.30717
.600	.984	.82943	.87527	.75948	.67694	.29401	.83445	.86996	.78059	.72704	.30594
	GRADIENT	.00745	.00870	.00531	.00177	.00091	.01053	.01064	.00866	.00828	.00593

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

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
.800	-7.003	.82216	.86033	.77400	.72460	.33609	.81125	.84588	.77770	.71001	.31940
.800	-6.492	.83407	.87257	.78250	.72968	.34008	.82386	.85871	.78706	.72637	.32526
.800	-5.986	.84593	.88447	.79070	.73637	.34495	.83470	.86937	.79498	.73835	.32994
.800	-5.491	.85830	.89667	.79950	.73867	.35056	.84559	.88048	.80343	.75013	.33467
.800	-4.991	.86766	.90596	.80621	.74293	.35443	.85471	.88926	.81008	.75965	.33873
.800	-4.490	.87592	.91432	.81136	.74570	.35713	.86296	.89742	.81603	.76631	.34180
.800	-3.990	.88388	.92258	.81742	.74971	.36035	.87122	.90580	.82233	.77225	.34570
.800	-3.489	.89047	.92971	.82267	.75549	.36298	.87806	.91261	.82722	.77756	.34831
.800	-2.988	.89659	.93672	.82771	.76068	.36560	.88423	.91896	.83228	.78332	.35109
.800	-2.487	.90260	.94355	.83196	.76382	.36860	.88964	.92459	.83678	.78802	.35368
.800	-1.980	.90639	.94836	.83595	.76407	.36906	.89334	.92866	.83968	.79197	.35453
.800	-1.477	.91112	.95327	.83967	.76382	.37124	.89751	.93275	.84307	.79540	.35722
.800	-.971	.91313	.95641	.84200	.76431	.37158	.89977	.93527	.84453	.79647	.35739
.800	-.451	.91574	.96015	.84384	.76438	.37193	.90152	.93716	.84626	.79715	.35845
.800	.083	.91020	.95568	.83727	.75589	.36313	.90980	.94600	.85482	.80391	.36888
.801	.489	.90916	.95565	.83738	.75531	.36307	.91026	.94741	.85651	.80448	.37077
.800	1.006	.90753	.95525	.83738	.75334	.36037	.90897	.94614	.85563	.80209	.36950
	GRADIENT	.00689	.00850	.00544	.00186	.00130	.00905	.00951	.00760	.00728	.00513

(SCMO49) (03 OCT 91)

IA310 (AEDC 16TF-783) PROBE CALIBRATION

PARAMETRIC DATA

BETA = .000 PHI = 180.000

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

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
.900	-7.001	.88266	.91897	.83377	.78432	.40165	.87319	.90607	.83807	.77289	.38681
.900	-6.487	.89316	.92999	.84083	.78857	.40543	.88297	.91625	.84548	.78625	.39075
.900	-5.985	.90383	.94120	.84876	.79489	.41002	.89244	.92588	.85231	.79618	.39425
.900	-5.483	.91410	.95133	.85575	.79523	.41371	.90194	.93574	.85950	.80679	.39852
.900	-4.991	.92335	.96078	.86250	.80043	.41780	.91073	.94449	.86608	.81597	.40250
.900	-4.489	.93171	.96933	.86852	.80325	.42077	.91892	.95269	.87230	.82296	.40576
.900	-3.986	.93889	.97699	.87387	.80716	.42375	.92601	.96008	.87760	.82856	.40885
.900	-3.489	.94520	.98399	.87893	.81314	.42655	.93265	.96691	.88291	.83440	.41206
.900	-2.981	.95098	.99070	.88369	.81764	.42866	.93856	.97304	.88748	.84044	.41426
.900	-2.478	.95581	.99628	.88694	.81942	.43063	.94322	.97792	.89126	.84460	.41625
.900	-1.980	.95990	1.00112	.89106	.82024	.43197	.94718	.98191	.89432	.84822	.41785
.900	-1.475	.96408	1.00604	.89475	.81985	.43351	.95086	.98580	.89751	.85094	.41953
.900	-.966	.96670	1.00951	.89760	.82105	.43455	.95364	.98873	.89959	.85251	.42069
.900	-.448	.96873	1.01279	.89878	.82059	.43457	.95500	.99072	.90101	.85304	.42160
.900	.048	.96233	1.00743	.89148	.81152	.42460	.96243	.99853	.90896	.85909	.43063
.900	.481	.96147	1.00745	.89171	.81073	.42413	.96298	.99950	.91012	.85899	.43206
.900	.997	.96010	1.00744	.89218	.80948	.42314	.96168	.99872	.90956	.85733	.43211
	GRADIENT	.00632	.00799	.00506	.00154	.00101	.00853	.00905	.00725	.00700	.00484

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

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
1.100	-7.006	1.02523	1.05870	.97864	.93189	.58250	1.02081	1.05169	.98843	.92876	.57605
1.100	-6.492	1.03655	1.07036	.98647	.93724	.58741	1.03107	1.06186	.99587	.94096	.57966
1.100	-5.995	1.04556	1.08002	.99313	.94192	.59056	1.04043	1.07166	1.00330	.95101	.58386
1.100	-5.492	1.05502	1.08986	1.00013	.94320	.59467	1.04870	1.08013	1.00929	.96008	.58728
1.100	-4.992	1.06351	1.09855	1.00636	.94793	.59793	1.05686	1.08846	1.01569	.96887	.59085
1.100	-4.488	1.06997	1.10535	1.01107	.94956	.60013	1.06339	1.09525	1.02070	.97487	.59374
1.100	-3.995	1.07658	1.11231	1.01613	.95315	.60276	1.06949	1.10171	1.02548	.97953	.59639
1.100	-3.496	1.08255	1.11883	1.02077	.95904	.60528	1.07532	1.10759	1.02980	.98465	.59858
1.100	-2.997	1.08720	1.12439	1.02446	.96206	.60899	1.08020	1.11298	1.03390	.98983	.60066
1.100	-2.488	1.09207	1.12988	1.02777	.96406	.60896	1.08465	1.11738	1.03714	.99346	.60221
1.100	-1.996	1.09568	1.13411	1.03153	.96474	.61032	1.08817	1.12091	1.03995	.99666	.60361
1.100	-1.487	1.09894	1.13840	1.03463	.96433	.61167	1.09102	1.12413	1.04229	.99833	.60472
1.100	-.989	1.10138	1.14172	1.03725	.96508	.61259	1.09362	1.12691	1.04440	.99978	.60594
1.100	-.486	1.10324	1.14464	1.03876	.96542	.61296	1.09472	1.12880	1.04553	1.00009	.60648
1.100	.001	1.10297	1.14565	1.03902	.96423	.61163	1.09584	1.13049	1.04731	1.00065	.60830
1.100	.513	1.10148	1.14510	1.03820	.96213	.60949	1.09375	1.13209	1.04886	1.00068	.60988
1.100	1.014	1.10076	1.14554	1.03914	.96161	.60908	1.09657	1.13172	1.04866	.99924	.60999
	GRADIENT	.00641	.00807	.00560	.00236	.00204	.00664	.00722	.00548	.00513	.00307

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(SCMO49) (03 OCT 91)

PARAMETRIC DATA

BETA = .000 PHI = 180.000
 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
1.250	-7.001	1.09878	1.13625	1.05049	1.00128	.65039	1.09068	1.12520	1.05776	.99999	.63861
1.250	-6.485	1.10950	1.14767	1.05811	1.00758	.65488	1.10085	1.13600	1.06536	1.01138	.64284
1.250	-5.987	1.11819	1.15690	1.06449	1.00904	.65872	1.10833	1.14376	1.07087	1.01947	.64539
1.250	-5.488	1.12739	1.16650	1.07181	1.01282	.66265	1.11817	1.15389	1.07874	1.03041	.65050
1.250	-4.984	1.13411	1.17343	1.07625	1.01557	.66536	1.12382	1.15950	1.08270	1.03646	.65240
1.250	-4.486	1.13952	1.17981	1.08054	1.01714	.66708	1.12946	1.16583	1.08752	1.04210	.65524
1.250	-3.988	1.14795	1.18861	1.08731	1.02286	.67102	1.13692	1.17326	1.09320	1.04796	.65832
1.250	-3.489	1.15220	1.19379	1.09031	1.02725	.67206	1.14168	1.17848	1.09703	1.05219	.66008
1.250	-2.987	1.15841	1.20072	1.09498	1.03068	.67484	1.14782	1.18462	1.10173	1.05773	.66266
1.250	-2.483	1.16278	1.20622	1.09842	1.03250	.67692	1.15294	1.18951	1.10530	1.06151	.66475
1.250	-1.978	1.16676	1.21111	1.10229	1.03228	.67844	1.15663	1.19359	1.10843	1.06463	.66636
1.250	-1.478	1.16923	1.21448	1.10522	1.03188	.67900	1.15877	1.19625	1.11015	1.06542	.66683
1.250	-.980	1.17154	1.21791	1.10759	1.03239	.67990	1.16044	1.19861	1.11196	1.06669	.66785
1.249	-.462	1.17322	1.22031	1.10874	1.03263	.68033	1.16195	1.20069	1.11340	1.06718	.66871
1.250	.102	1.17089	1.21929	1.10736	1.02942	.67641	1.16360	1.20309	1.11570	1.06807	.67187
1.250	.502	1.16780	1.21799	1.10484	1.02561	.67223	1.16678	1.20562	1.11895	1.07008	.67556
1.250	1.009	1.16802	1.21903	1.10608	1.02527	.67190	1.16732	1.20647	1.11989	1.06981	.67731
1.250	GRADIENT	.00583	.00777	.00513	.00160	.00136	.00708	.00768	.00596	.00533	.00381

RUN NO. 1538/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
1.400	-7.005	1.11930	1.17225	1.07377	1.02241	.66538	1.10712	1.15585	1.08021	1.02473	.65267
1.400	-6.490	1.12981	1.18338	1.08167	1.02778	.66985	1.11728	1.16659	1.08831	1.03554	.65699
1.400	-5.987	1.13743	1.19216	1.08753	1.02697	.67218	1.12572	1.17551	1.09495	1.04583	.66022
1.400	-5.487	1.14465	1.20110	1.09381	1.03067	.67521	1.13247	1.18302	1.09969	1.05418	.66263
1.400	-4.989	1.15311	1.21072	1.10035	1.03433	.67879	1.14024	1.19192	1.10656	1.06171	.66630
1.400	-4.485	1.16000	1.21818	1.10576	1.03708	.68108	1.14684	1.19907	1.11174	1.06741	.66872
1.400	-3.993	1.16572	1.22479	1.11014	1.04129	.68305	1.15209	1.20521	1.11633	1.07183	.67063
1.400	-3.489	1.17182	1.23155	1.11418	1.04533	.68554	1.15826	1.21155	1.12107	1.07685	.67307
1.400	-2.987	1.17576	1.23656	1.11641	1.04798	.68711	1.16268	1.21656	1.12485	1.08097	.67497
1.400	-2.484	1.18034	1.24232	1.12012	1.04838	.68884	1.16748	1.22153	1.12831	1.08374	.67652
1.400	-1.981	1.18245	1.24626	1.12333	1.04747	.68911	1.16985	1.22444	1.13022	1.08552	.67689
1.400	-1.483	1.18726	1.25261	1.12875	1.04933	.69109	1.17459	1.22979	1.13433	1.08933	.67904
1.399	-.979	1.18868	1.25528	1.13019	1.04869	.69049	1.17566	1.23158	1.13740	1.08933	.67847
1.400	-.468	1.19095	1.25889	1.13299	1.05009	.69186	1.17746	1.23444	1.13510	1.09051	.68004
1.400	.091	1.18954	1.25835	1.13158	1.04679	.68881	1.18004	1.23781	1.14064	1.09216	.68390
1.400	.501	1.18699	1.25648	1.12812	1.04157	.68391	1.18405	1.24279	1.14678	1.09713	.68955
1.400	1.006	1.18428	1.25463	1.12680	1.03876	.68184	1.18215	1.24115	1.14525	1.09432	.68861
1.400	GRADIENT	.00556	.00788	.00492	.00093	.00092	.00701	.00823	.00635	.00535	.00352

(SCM049) (03 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	CPR	CPC7	CPC8	CPC9	CPC3	CPL	CPC10	CPC11	CPC12	CPC04
1.450	-6.956	1.11440	1.18031	1.07648	1.02529	.67182	1.09884	1.16042	1.08306	1.03138	.65658
1.450	-6.487	1.12212	1.18999	1.08295	1.02699	.67601	1.10482	1.16762	1.08758	1.03945	.65737
1.450	-5.983	1.12987	1.19907	1.08946	1.02923	.67953	1.11303	1.17670	1.09417	1.04949	.66121
1.450	-5.484	1.13622	1.20760	1.09520	1.03192	.68158	1.12023	1.18479	1.10019	1.05699	.66431
1.450	-4.980	1.14417	1.21715	1.10167	1.03516	.68459	1.12754	1.19375	1.10720	1.06393	.66798
1.450	-4.481	1.15004	1.22445	1.10689	1.03786	.68619	1.13216	1.19963	1.11138	1.06855	.66907
1.450	-3.982	1.15675	1.23216	1.11246	1.04350	.68945	1.13929	1.20844	1.11850	1.07572	.67289
1.450	-3.483	1.16160	1.23774	1.11519	1.04753	.69125	1.14426	1.21484	1.12340	1.08030	.67500
1.450	-2.979	1.16484	1.24200	1.11701	1.04772	.69240	1.14740	1.21955	1.12666	1.08295	.67580
1.450	-2.475	1.16905	1.24796	1.12191	1.04933	.69448	1.15236	1.22533	1.13113	1.08705	.67847
1.449	-1.969	1.17114	1.25294	1.12552	1.04898	.69427	1.15413	1.22784	1.13187	1.08756	.67776
1.450	-1.466	1.17592	1.25914	1.13020	1.04963	.69532	1.15840	1.23273	1.13487	1.09022	.67907
1.450	-.954	1.18118	1.26541	1.13432	1.05148	.69726	1.16317	1.23924	1.13958	1.09415	.68143
1.449	-.423	1.18086	1.26520	1.13407	1.05017	.69629	1.16325	1.24047	1.14018	1.09324	.68088
1.450	-.081	1.17265	1.26049	1.12610	1.04132	.68768	1.17162	1.24532	1.14741	1.09999	.69223
1.450	.477	1.17345	1.26393	1.12860	1.04038	.68565	1.17405	1.24844	1.14990	1.10067	.69435
1.451	.445	1.17419	1.26449	1.12892	1.04096	.68623	1.17509	1.24942	1.15083	1.10166	.69532
1.450	.987	1.17281	1.26350	1.12923	1.03956	.68562	1.17423	1.25010	1.15180	1.10086	.69582
	GRADIENT	.00478	.00793	.00457	.00031	.00004	.00797	.00943	.00731	.00603	.00461

RUN NO. 1640/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPC3	CPL	CPC10	CPC11	CPC12	CPC04
1.471	-6.954	1.08163	1.16057	1.05652	1.00623	.65632	1.06553	1.14334	1.06527	1.01480	.63848
1.485	-6.486	1.08858	1.17141	1.06388	1.00708	.66025	1.07251	1.15273	1.07207	1.02451	.64096
1.484	-5.987	1.09682	1.18102	1.07035	1.00898	.66347	1.07972	1.16166	1.07809	1.03502	.64317
1.471	-5.489	1.10499	1.19042	1.07678	1.01347	.66583	1.08868	1.17246	1.08651	1.04528	.64763
1.485	-4.985	1.10944	1.19724	1.08181	1.01566	.66883	1.09244	1.17787	1.09024	1.04969	.64901
1.470	-4.486	1.11498	1.20399	1.08620	1.01840	.67017	1.09771	1.18402	1.09465	1.05380	.65110
1.484	-3.982	1.12088	1.21162	1.09156	1.02336	.67252	1.10288	1.19037	1.09929	1.05828	.65347
1.470	-3.489	1.12679	1.21876	1.09481	1.02762	.67431	1.10808	1.19666	1.10408	1.06191	.65574
1.471	-2.980	1.13082	1.22395	1.09745	1.02833	.67586	1.11288	1.20193	1.10833	1.06604	.65835
1.470	-2.476	1.13180	1.22831	1.10076	1.02886	.67664	1.11349	1.20375	1.10948	1.06747	.65929
1.470	-1.976	1.13562	1.23350	1.10546	1.02902	.67882	1.11666	1.20694	1.11193	1.06965	.66057
1.485	-1.469	1.13745	1.23714	1.10792	1.02881	.67952	1.11811	1.21030	1.11392	1.07135	.66138
1.484	-.958	1.13938	1.24038	1.11000	1.02926	.68043	1.11943	1.21366	1.11601	1.07255	.66223
1.470	-.438	1.14081	1.24241	1.11166	1.02905	.68036	1.12083	1.21532	1.11688	1.07228	.66295
1.470	-.080	1.13207	1.23966	1.10504	1.02036	.68332	1.12694	1.22403	1.12694	1.08083	.67656
1.470	.487	1.13088	1.23858	1.10414	1.01751	.66562	1.13176	1.22445	1.12739	1.07993	.67767
1.470	.997	1.13189	1.23978	1.10590	1.01745	.66581	1.13318	1.22615	1.12887	1.08008	.67856
	GRADIENT	.00361	.00723	.00412	.00004	-.00027	.00641	.00786	.00622	.00497	.00474

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

(SCM049) (03 OCT 91)

PARAMETRIC DATA

BETA = .000 PHI = 180.000

RUN NO. 1591/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
1.492	-6.954	1.03571	1.15398	1.04671	1.96998	.65052	1.01666	1.13518	1.05735	1.01039	.63608
1.492	-6.486	1.03885	1.16440	1.05389	.99697	.65443	1.01989	1.14301	1.06296	1.01902	.63818
1.492	-5.988	1.04140	1.17358	1.06036	.99888	.65791	1.02180	1.15300	1.07034	1.03057	.64180
1.492	-5.484	1.03916	1.18113	1.06467	1.00193	.65962	1.01963	1.16024	1.07538	1.03724	.64403
1.492	-4.991	1.03975	1.18954	1.07084	1.00512	.66244	1.01966	1.16763	1.08082	1.04349	.64692
1.493	-4.487	1.03985	1.19777	1.07650	1.00889	.66489	1.01966	1.17441	1.08554	1.04776	.64944
1.493	-3.989	1.04036	1.20558	1.08073	1.01356	.66670	1.02060	1.18166	1.09073	1.05161	.65238
1.493	-3.484	1.03870	1.21296	1.08366	1.01665	.66928	1.01781	1.18771	1.09477	1.05524	.65424
1.493	-2.986	1.03364	1.21772	1.08651	1.01637	.67076	1.01294	1.19239	1.09780	1.05855	.65574
1.492	-2.477	1.02793	1.22173	1.08943	1.01584	.67132	1.00836	1.19668	1.10027	1.06082	.65664
1.493	-1.978	1.02580	1.22626	1.09335	1.01699	.67323	1.00618	1.20077	1.10277	1.06321	.65827
1.492	-1.472	1.02348	1.22864	1.09520	1.01695	.67351	1.00393	1.20279	1.10365	1.06370	.65872
1.493	-.964	1.01831	1.23251	1.09809	1.01770	.67435	.99796	1.20511	1.10496	1.06435	.65970
1.492	-.443	1.01603	1.23634	1.10035	1.01759	.67445	.99538	1.20709	1.10621	1.06443	.66045
1.492	-.090	1.00430	1.23130	1.09203	1.00829	.66370	1.00348	1.21642	1.11562	1.07184	.67038
1.492	.492	1.00897	1.23127	1.09292	1.00733	.66326	1.01015	1.21778	1.11737	1.07198	.67220
1.493	.995	1.01029	1.23150	1.09403	1.00637	.66254	1.01193	1.21718	1.11726	1.07046	.67247
	GRADIENT	-.00637	.00697	.00384	-.00014	.00009	-.00294	.00819	.00583	.00447	.00404

RUN NO. 1607/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
1.515	-7.006	.92849	1.15374	1.04693	.99918	.65302	.90822	1.13209	1.05436	1.01034	.63679
1.514	-6.491	.92037	1.16409	1.05351	.99911	.65620	.89984	1.14129	1.06085	1.02023	.63941
1.515	-5.987	.91566	1.17568	1.06124	1.00244	.65985	.89463	1.15103	1.06782	1.03165	.64275
1.515	-5.483	.91300	1.18580	1.06694	1.00508	.66242	.89102	1.16015	1.07433	1.03943	.64522
1.515	-4.990	.91100	1.19336	1.07086	1.00674	.66426	.88879	1.16766	1.07934	1.04384	.64709
1.514	-4.492	.90491	1.20027	1.07459	1.01021	.66675	.88242	1.17494	1.08433	1.04708	.64952
1.515	-3.983	.89657	1.20701	1.07651	1.01375	.66898	.87381	1.18149	1.08893	1.05083	.65207
1.515	-3.484	.88516	1.21814	1.08262	1.01713	.67208	.86327	1.19160	1.09597	1.05785	.65488
1.514	-2.986	.87674	1.22290	1.08468	1.01537	.67072	.85638	1.19584	1.09689	1.05856	.65373
1.515	-2.483	.87881	1.23310	1.09213	1.01873	.67394	.85829	1.20552	1.10375	1.06499	.65775
1.514	-1.978	.87366	1.23876	1.09564	1.01934	.67474	.85401	1.21192	1.10690	1.06780	.65844
1.514	-1.471	.86849	1.24252	1.09817	1.01944	.67514	.84920	1.21570	1.10836	1.06867	.65864
1.515	-.962	.87054	1.24827	1.10318	1.02200	.67728	.85068	1.22063	1.11192	1.07116	.66093
1.514	-.448	.86617	1.25151	1.10463	1.02074	.67605	.84706	1.22191	1.11196	1.06965	.66005
1.515	-.095	.85525	1.24626	1.09636	1.01125	.66552	.86159	1.23184	1.12409	1.07949	.67336
1.515	.493	.85349	1.24554	1.09610	1.00868	.66405	.86203	1.23341	1.12576	1.07920	.67477
1.515	1.001	.85232	1.24586	1.09666	1.00716	.66320	.86103	1.23345	1.12541	1.07755	.67484
	GRADIENT	-.00942	.00951	.00500	-.00013	-.00005	-.00431	.01147	.00779	.00597	.00449

(SCM049) (03 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	CPR	CPC7	CPC8	CPC9	CP03	CPL	CPC10	CPC11	CPC12	CP04
1.542	-6.954	.75951	1.15568	1.04342	.99073	.64817	.73934	1.13724	1.05535	1.01373	.63943
1.542	-6.491	.76062	1.16674	1.04798	.99437	.65138	.74406	1.14716	1.06199	1.02150	.64184
1.542	-5.987	.76339	1.17889	1.05403	1.00053	.65572	.74646	1.15884	1.06939	1.02869	.64478
1.542	-5.489	.76645	1.19040	1.05733	1.00243	.65795	.75004	1.17018	1.07534	1.03540	.64695
1.541	-4.990	.77045	1.20169	1.06095	1.00383	.65999	.75480	1.18193	1.08087	1.04202	.64928
1.541	-4.487	.77853	1.21484	1.06661	1.00593	.66244	.76343	1.19474	1.08645	1.04805	.65166
1.541	-3.983	.79241	1.22937	1.07304	1.00878	.66507	.77804	1.21068	1.09309	1.05474	.65443
1.542	-3.485	.82092	1.24926	1.08149	1.01296	.66668	.80734	1.23273	1.09920	1.06086	.65592
1.541	-2.982	.86961	1.28054	1.09112	1.01671	.66779	.85821	1.23967	1.10712	1.06585	.65697
1.541	-2.478	.89574	1.29167	1.09765	1.01757	.66908	.88566	1.20408	1.11378	1.06820	.65829
1.541	-1.978	.91408	1.28831	1.10398	1.01922	.67097	.90354	1.17381	1.11695	1.06879	.65950
1.541	-1.472	.92765	1.27397	1.10862	1.02027	.67160	.91813	1.14807	1.11802	1.06787	.66008
1.541	-.962	.94241	1.25624	1.11366	1.02185	.67294	.93201	1.13098	1.11852	1.06659	.66117
1.541	-.441	.95312	1.23980	1.11725	1.02255	.67310	.94144	1.11859	1.11814	1.06490	.66199
1.541	.142	.96075	1.21179	1.11823	1.02000	.67063	.95372	1.11651	1.12235	1.06721	.66828
1.541	.478	.95945	1.17369	1.10987	1.01177	.66557	.96397	1.13616	1.13389	1.07616	.67054
1.541	.996	.95847	1.17093	1.10982	1.01007	.66510	.96273	1.13517	1.13457	1.07572	.67065
1.542	GRADIENT	.03594	-.00599	.00937	.00170	.00112	.03870	-.01722	.00830	.00442	.00335

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(SCM050) (03 OCT 91)

PARAMETRIC DATA

BETA = .500 PHI = 180.000

RUN NO. 1576/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPC3	CPL	CPC10	CPC11	CPC12	CPO4
.599	-6.980	.74657	.78594	.70535	.65805	.28283	.71203	.74926	.68160	.61049	.23476
.600	-6.468	.80080	.80080	.71680	.66569	.28934	.72656	.76335	.69260	.63035	.24153
.600	-5.967	.81468	.81468	.72619	.67280	.29452	.74058	.77663	.70272	.64636	.24729
.600	-5.464	.82556	.82556	.73382	.67736	.29871	.75202	.78711	.71047	.65685	.25172
.600	-4.966	.83807	.83807	.74350	.68211	.30472	.76475	.79906	.71986	.66978	.25735
.600	-4.462	.84648	.84648	.74895	.68476	.30809	.77335	.80753	.72612	.67744	.26157
.600	-3.951	.85438	.85438	.75447	.68855	.31094	.78050	.81454	.73098	.68230	.26378
.600	-3.448	.82558	.82558	.76203	.69637	.31473	.79035	.82425	.73848	.69011	.26814
.601	-2.937	.83169	.83169	.76660	.70072	.31760	.79682	.82977	.74307	.69578	.27144
.600	-2.431	.83754	.83754	.77072	.70323	.31922	.80185	.83533	.74722	.70018	.27263
.600	-1.912	.84450	.84450	.77776	.70679	.32181	.80880	.84229	.75306	.70627	.27541
.601	-1.392	.84748	.84748	.77988	.70581	.32301	.81237	.84521	.75560	.70862	.27834
.601	-.855	.84746	.84746	.77981	.70327	.32135	.81318	.84660	.75590	.70790	.27854
.600	-.299	.84967	.84967	.78103	.70277	.31951	.81897	.85214	.76074	.71095	.28138
.600	-.254	.84598	.84598	.77654	.69586	.31283	.82307	.85665	.76535	.71358	.28586
.600	.670	.84152	.84152	.77235	.69100	.30847	.82462	.85885	.76785	.71476	.29020
.600	1.102	.83940	.83940	.77249	.68987	.30780	.82340	.85802	.76760	.71371	.29078
	GRADIENT	.00678	.00814	.00505	.00144	.00058	.00971	.00969	.00784	.00717	.00525

RUN NO. 1466/ O RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPC3	CPL	CPC10	CPC11	CPC12	CPO4
.800	-6.986	.83184	.87021	.78531	.73527	.34954	.80020	.83489	.76553	.69983	.30467
.800	-6.478	.84505	.88358	.79485	.74226	.35526	.81290	.84785	.77543	.71575	.31095
.800	-5.974	.85641	.89484	.80262	.74784	.35900	.82373	.85874	.78346	.72707	.31512
.800	-5.470	.86837	.90672	.81120	.75153	.36413	.83580	.87014	.79187	.73943	.32079
.800	-4.971	.87770	.91619	.81728	.75549	.36787	.84466	.87918	.79861	.74872	.32458
.800	-4.471	.88610	.92480	.82357	.75808	.37128	.85331	.88755	.80487	.75548	.32823
.800	-3.969	.89410	.93329	.82973	.76279	.37487	.86137	.89581	.81125	.76194	.33216
.800	-3.461	.90078	.94066	.83530	.76903	.37742	.86867	.90331	.81686	.76806	.33548
.800	-2.954	.90680	.94731	.84002	.77319	.37986	.87478	.90939	.82163	.77338	.33811
.800	-2.449	.91199	.95316	.84354	.77536	.38148	.88008	.91472	.82561	.77742	.34001
.800	-1.938	.91620	.95845	.84812	.77663	.38363	.88426	.91933	.82925	.78149	.34256
.800	-1.424	.91960	.96281	.85156	.77672	.38406	.88828	.92277	.83210	.78489	.34363
.800	-.900	.92288	.96693	.85431	.77680	.38452	.89157	.92665	.83461	.78672	.34506
.800	-.362	.92400	.96925	.85465	.77562	.38415	.89431	.93014	.83785	.78873	.34851
.800	.178	.92143	.96780	.85204	.77072	.37896	.89642	.93204	.83962	.78870	.34981
.800	.628	.91901	.96646	.84994	.76718	.37555	.89886	.93559	.84315	.79066	.35425
.800	1.084	.91712	.96561	.85001	.76617	.37450	.89768	.93461	.84285	.78943	.35470
	GRADIENT	.00668	.00838	.00552	.00183	.00118	.00867	.00905	.00717	.00671	.00472

(SCM050) (03 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	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
900	-6.987	.89115	.92802	.84399	.79416	.41405	.86052	.89403	.82477	.76185	.37073
900	-6.472	.90315	.94041	.85269	.80043	.41903	.87271	.90636	.83428	.77593	.37672
900	-5.967	.91381	.95094	.85991	.80555	.42242	.88355	.91726	.84261	.78170	.38170
900	-5.466	.92449	.96186	.86750	.80757	.42736	.89313	.92653	.84933	.79733	.38538
900	-4.970	.93320	.97080	.87366	.81264	.43058	.90216	.93578	.85607	.80680	.38964
900	-4.463	.94135	.97946	.87982	.81521	.43413	.90997	.94374	.86219	.81367	.39321
900	-3.959	.94842	.98682	.88509	.81922	.43694	.91697	.95083	.86740	.81906	.39618
900	-3.459	.95457	.99382	.89024	.82544	.43959	.92350	.95722	.87221	.82434	.39894
900	-2.950	.95974	1.00002	.89454	.82846	.44117	.92884	.96319	.87657	.83022	.40070
900	-2.443	.96455	1.00573	.89804	.83060	.44335	.93363	.96823	.88071	.83450	.40307
900	-1.934	.96876	1.01087	.90286	.83208	.44510	.93809	.97237	.88372	.83783	.40496
900	-1.413	.97270	1.01573	.90669	.83265	.44669	.94247	.97648	.88710	.84123	.40707
900	-.887	.97555	1.01924	.90902	.83265	.44703	.94532	.98008	.88987	.84200	.40883
900	-.348	.97588	1.02068	.90864	.83046	.44524	.94748	.98277	.89194	.84400	.41067
900	.191	.97477	1.02073	.90748	.82717	.44172	.95103	.98612	.89531	.84561	.41373
900	.635	.97088	1.01818	.90435	.82258	.43729	.95194	.98817	.89730	.84627	.41679
900	1.081	.96930	1.01747	.90441	.82172	.43622	.95056	.98717	.89674	.84474	.41676
GRADIENT		.00618	.00796	.00528	.00160	.00109	.00808	.00851	.00671	.00633	.00437

RUN NO. 1485/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
1.100	-7.003	1.03431	1.06794	.98880	.94154	.59432	1.01214	1.04326	.97886	.92151	.56435
1.100	-6.483	1.04490	1.07911	.99676	.94738	.59894	1.02197	1.05334	.98630	.93212	.56813
1.100	-5.988	1.05449	1.08927	1.00352	.95232	.60235	1.03209	1.06331	.99392	.94220	.57229
1.100	-5.481	1.06354	1.09833	1.01002	.95360	.60582	1.04029	1.07168	1.00004	.95161	.57540
1.100	-4.986	1.07191	1.10714	1.01612	.95843	.60951	1.04843	1.08002	1.00643	.96024	.57937
1.100	-4.483	1.07861	1.11429	1.02136	.96025	.61196	1.05502	1.08678	1.01122	.96610	.58214
1.100	-3.989	1.08476	1.12088	1.02626	.96378	.61427	1.06097	1.09287	1.01572	.97066	.58446
1.100	-3.481	1.09093	1.12762	1.03073	.96968	.61699	1.06684	1.09880	1.02024	.97566	.58676
1.100	-2.976	1.09617	1.13365	1.03509	.97284	.61921	1.07202	1.10432	1.02432	.98037	.58869
1.100	-2.479	1.10018	1.13850	1.03821	.97446	.62103	1.07632	1.10875	1.02772	.98464	.59067
1.100	-1.976	1.10417	1.14340	1.04262	.97622	.62271	1.08023	1.11275	1.03073	.98715	.59209
1.100	-1.464	1.10671	1.14675	1.04525	.97574	.62315	1.08305	1.11535	1.03269	.98899	.59302
1.100	-.968	1.10932	1.15034	1.04775	.97626	.62385	1.08544	1.11843	1.03494	.99037	.59455
1.100	-.460	1.11055	1.15240	1.04820	.97489	.62309	1.08684	1.12043	1.03635	.99108	.59564
1.100	.051	1.11122	1.15411	1.04911	.97430	.62261	1.08793	1.12138	1.03719	.99087	.59609
1.100	.536	1.11035	1.15442	1.04905	.97278	.62104	1.08807	1.12199	1.03756	.98977	.59639
1.100	1.029	1.10883	1.15412	1.04946	.97224	.62060	1.08677	1.12135	1.03712	.98832	.59648
GRADIENT		.00632	.00800	.00563	.00231	.00192	.00653	.00698	.00521	.00479	.00286

(SCM050) (03 OCT 91)

IA310 (AEDC 16TF-783) PROBE CALIBRATION

PARAMETRIC DATA

BETA = .500 PHI = 180.000

RUN NO. 1523/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
1.250	-6.991	1.10837	1.14571	1.06093	1.01222	.66260	1.08203	1.11694	1.04837	.99226	.62749
1.250	-6.474	1.11838	1.15694	1.06871	1.01775	.66723	1.09101	1.12654	1.05530	1.00183	.63080
1.250	-5.978	1.12850	1.16725	1.07581	1.02114	.67122	1.10059	1.13615	1.06203	1.01205	.63447
1.250	-5.471	1.13681	1.17573	1.08203	1.02370	.67478	1.10905	1.14437	1.06841	1.02145	.63852
1.250	-4.973	1.14261	1.18230	1.08634	1.02569	.67659	1.11528	1.15113	1.07318	1.02794	.64148
1.250	-4.471	1.15012	1.19049	1.09238	1.02928	.67991	1.12225	1.15821	1.07882	1.03416	.64453
1.250	-3.966	1.15686	1.19788	1.09757	1.03379	.68268	1.12843	1.16445	1.08346	1.03895	.64704
1.250	-3.462	1.16199	1.20390	1.10180	1.03898	.68489	1.13406	1.17061	1.08819	1.04420	.64965
1.250	-2.958	1.16661	1.20946	1.10557	1.04117	.68667	1.13917	1.17577	1.09186	1.04860	.65167
1.250	-2.451	1.17106	1.21486	1.10887	1.04291	.68861	1.14346	1.18005	1.09503	1.05150	.65313
1.250	-1.948	1.17486	1.21973	1.11330	1.04388	.68997	1.14764	1.18459	1.09831	1.05441	.65488
1.250	-1.431	1.17750	1.22320	1.11585	1.04293	.69057	1.15029	1.18759	1.10057	1.05620	.65606
1.250	-9.16	1.18022	1.22673	1.11779	1.04279	.69106	1.15309	1.19089	1.10318	1.05823	.65787
1.250	-.390	1.18076	1.22798	1.11799	1.04184	.69008	1.15494	1.19320	1.10498	1.05911	.65935
1.250	.145	1.17932	1.22758	1.11713	1.03927	.68680	1.15642	1.19444	1.10607	1.05876	.66044
1.250	.609	1.17829	1.22835	1.11715	1.03751	.68480	1.15861	1.19722	1.10901	1.06025	.66402
1.250	1.071	1.17672	1.22815	1.11720	1.03656	.68390	1.15757	1.19635	1.10837	1.05885	.66424
1.250	GRADIENT	.00569	.00756	.00505	.00151	.00120	.00698	.00749	.00575	.00502	.00359

RUN NO. 1539/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
1.400	-6.992	1.13029	1.18251	1.08544	1.03377	.67749	1.09893	1.14794	1.07131	1.01745	.64237
1.400	-6.480	1.13941	1.19311	1.09255	1.03781	.68166	1.10708	1.15687	1.07757	1.02666	.64492
1.400	-5.979	1.14847	1.20300	1.09944	1.03951	.68503	1.11648	1.16629	1.08468	1.03773	.64859
1.400	-5.471	1.15561	1.21210	1.10579	1.04276	.68801	1.12387	1.17454	1.09078	1.04651	.65192
1.400	-4.975	1.16219	1.21974	1.11082	1.04434	.69000	1.13061	1.18183	1.09615	1.05218	.65431
1.400	-4.472	1.16983	1.22832	1.11718	1.04870	.69342	1.13763	1.18978	1.10146	1.05798	.65738
1.400	-3.973	1.17538	1.23489	1.12115	1.05274	.69523	1.14281	1.19611	1.10623	1.06283	.65928
1.400	-3.464	1.18121	1.24116	1.12509	1.05738	.69739	1.14881	1.20225	1.11063	1.06744	.66130
1.400	-2.966	1.18869	1.24607	1.12733	1.05851	.69925	1.15316	1.20688	1.11416	1.07035	.66313
1.400	-2.460	1.19499	1.25121	1.13136	1.06009	.70031	1.15759	1.21183	1.11775	1.07332	.66440
1.399	-1.949	1.19234	1.25656	1.13627	1.06078	.70158	1.16121	1.21570	1.12056	1.07613	.66569
1.400	-1.439	1.19579	1.26202	1.14051	1.06054	.70281	1.16439	1.21964	1.12336	1.07877	.66725
1.400	-.921	1.19840	1.26544	1.14231	1.06041	.70284	1.16764	1.22309	1.12549	1.08017	.66843
1.399	-.399	1.19777	1.26623	1.14206	1.05868	.70146	1.16840	1.22515	1.12710	1.08069	.66976
1.400	.130	1.19778	1.26694	1.14161	1.05635	.69951	1.17079	1.22785	1.12983	1.08200	.67217
1.400	.600	1.19680	1.26661	1.14066	1.05353	.69671	1.17320	1.23129	1.13383	1.08435	.67567
1.400	1.059	1.19484	1.26581	1.14037	1.05193	.69530	1.17192	1.23071	1.13334	1.08292	.67583
1.400	GRADIENT	.00546	.00782	.00506	.00100	.00095	.00685	.00798	.00604	.00496	.00337

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(SCM050) (03 OCT 91)

PARAMETRIC DATA

BETA = .500 PHI = 180.000
GRADIENT INTERVAL = -5.00/ 5.00
RN/L = 2.50

Table with columns: MACH, ALPHA, CPR, CPC7, CPC8, CPC9, CPO3, CPL, CPC10, CPC11, CPC12, CPO4. Rows 1.450 to 1.449.

GRADIENT INTERVAL = -5.00/ 5.00
RN/L = 2.49

Table with columns: MACH, ALPHA, CPR, CPC7, CPC8, CPC9, CPO3, CPL, CPC10, CPC11, CPC12, CPO4. Rows 1.470 to 1.470.

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(SCM050) (03 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	CPR	CPC7	CPC8	CPC9	CPC03	CPL	CPC10	CPC11	CPC12	CPC04
1.492	-6.987	1.04734	1.16467	1.05864	1.00819	1.66298	1.00676	1.12478	1.04598	1.00065	.62381
1.493	-6.470	1.05035	1.17437	1.06526	1.00836	.66606	1.01022	1.13411	1.05306	1.0138	.62717
1.493	-5.968	1.05329	1.18370	1.07158	1.01068	.66936	1.01242	1.14360	1.06006	1.0222	.63037
1.492	-5.466	1.05328	1.19260	1.07760	1.01446	.67264	1.01110	1.15161	1.06580	1.02917	.63281
1.492	-4.964	1.05358	1.20106	1.08377	1.01766	.67543	1.01127	1.15956	1.07185	1.03588	.63634
1.493	-4.460	1.05230	1.20863	1.08885	1.02101	.67711	1.01032	1.16599	1.07621	1.03926	.63835
1.492	-3.960	1.05196	1.21606	1.09281	1.02580	.67875	1.00967	1.17185	1.08027	1.04170	.64011
1.493	-3.453	1.05121	1.22346	1.09585	1.02866	.68144	1.00842	1.17895	1.08564	1.04691	.64312
1.492	-2.949	1.04664	1.22823	1.09837	1.02838	.68250	1.00367	1.18375	1.08846	1.04984	.64419
1.492	-2.440	1.04217	1.23225	1.10168	1.02789	.68369	1.00010	1.18853	1.09102	1.05245	.64576
1.493	-1.925	1.04091	1.23651	1.10579	1.02885	.68580	.99854	1.19290	1.09384	1.05517	.64782
1.492	-1.405	1.03493	1.23854	1.10728	1.02816	.68546	.99325	1.19538	1.09493	1.05572	.64809
1.492	-.882	1.03209	1.24193	1.10958	1.02816	.68543	.99049	1.19768	1.09670	1.05651	.64941
1.493	-.341	1.02865	1.24527	1.11077	1.02721	.68330	.98864	1.19962	1.09902	1.05770	.65119
1.493	.206	1.02581	1.24561	1.10982	1.02395	.67914	.99152	1.20248	1.10238	1.05964	.65446
1.492	.634	1.02397	1.24353	1.10753	1.01995	.67507	.99653	1.20538	1.10467	1.06011	.65793
1.493	1.089	1.02649	1.24300	1.10801	1.01929	.67487	1.00199	1.20729	1.10633	1.06033	.66005
GRADIENT		-.00553	.00693	.00409	-.00008	.00002	-.00314	.00755	.00536	.00400	.00359

RUN NO. 1608/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPC03	CPL	CPC10	CPC11	CPC12	CPC04
1.515	-6.987	.94244	1.16532	1.05969	1.01073	.66557	.89661	1.12269	1.04391	1.00215	.62456
1.515	-6.470	.93361	1.17528	1.06575	1.01190	.66793	.88855	1.13194	1.05046	1.01280	.62750
1.515	-5.968	.93009	1.18625	1.07316	1.01423	.67101	.88371	1.14090	1.05680	1.02291	.63034
1.516	-5.466	.92977	1.19839	1.08089	1.01816	.67545	.88243	1.15112	1.06415	1.03107	.63437
1.515	-4.968	.92680	1.20460	1.08435	1.01981	.67708	.88009	1.15906	1.07007	1.03585	.63673
1.515	-4.465	.91927	1.21116	1.08807	1.02313	.67929	.87213	1.16571	1.07462	1.03853	.63847
1.515	-3.955	.91095	1.21992	1.09178	1.02821	.68218	.86289	1.17379	1.08030	1.04353	.64140
1.516	-3.454	.90023	1.22732	1.09476	1.02918	.68362	.85297	1.18070	1.08422	1.04737	.64280
1.514	-2.949	.89152	1.23447	1.09950	1.02960	.68409	.84625	1.18789	1.08781	1.05060	.64351
1.516	-2.440	.89282	1.24347	1.10625	1.03188	.68696	.84789	1.19599	1.09272	1.05505	.64642
1.515	-1.930	.88837	1.24852	1.10936	1.03210	.68765	.84377	1.20193	1.09539	1.05733	.64719
1.516	-1.407	.88237	1.25248	1.11239	1.03291	.68843	.83836	1.20709	1.09817	1.05928	.64853
1.516	-.878	.87685	1.25695	1.11553	1.03377	.68846	.83349	1.21071	1.10091	1.06050	.65051
1.516	-.340	.87630	1.26029	1.11629	1.03190	.68743	.83513	1.21312	1.10410	1.06190	.65397
1.515	.205	.87328	1.26021	1.11337	1.02634	.68170	.83947	1.21550	1.10872	1.06450	.65763
1.516	.644	.86625	1.25854	1.11278	1.02406	.67720	.84354	1.22029	1.11259	1.06668	.66147
1.516	1.094	.86536	1.25597	1.11142	1.02159	.67593	.84627	1.22167	1.11289	1.06577	.66158
GRADIENT		-.00962	.00924	.00511	-.00028	.00003	-.00568	.01041	.00700	.00507	.00407

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(SCM050) (03 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	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
1.542	-6.986	.77194	1.16636	1.05678	1.00407	.66109	.72902	1.12722	1.04439	1.00497	.62801
1.541	-6.469	.77361	1.17714	1.06129	1.00614	.66377	.73232	1.13858	1.05165	1.01228	.63045
1.542	-5.968	.77656	1.18888	1.06653	1.01253	.66774	.73526	1.15063	1.05927	1.01991	.63360
1.541	-5.466	.77856	1.19961	1.06949	1.01443	.66988	.73851	1.16156	1.06443	1.02601	.63518
1.541	-4.968	.78284	1.21076	1.07383	1.01598	.67265	.74466	1.17466	1.07097	1.03340	.63879
1.542	-4.465	.79054	1.22347	1.07964	1.01847	.67550	.75305	1.18779	1.07648	1.03923	.64065
1.542	-3.954	.80340	1.23785	1.08613	1.02139	.67792	.76729	1.20328	1.08243	1.04519	.64304
1.541	-3.453	.82820	1.25428	1.09288	1.02417	.67878	.79466	1.22281	1.08861	1.05113	.64450
1.541	-2.950	.87509	1.28468	1.10238	1.02838	.68027	.84498	1.21707	1.09741	1.05644	.64561
1.541	-2.440	.90196	1.30432	1.10934	1.02984	.68200	.87421	1.17597	1.10413	1.05858	.64756
1.542	-1.925	.91876	1.31101	1.11525	1.03052	.68319	.89154	1.13985	1.10641	1.05827	.64859
1.542	-.882	.93391	1.30798	1.11994	1.03162	.68424	.90758	1.11619	1.10601	1.05650	.65022
1.541	-.339	.94555	1.29561	1.12368	1.03199	.68360	.91979	1.09981	1.10387	1.05330	.65109
1.542	.206	.95440	1.28053	1.12744	1.03296	.68411	.93050	1.09547	1.10392	1.05244	.65372
1.542	.642	.96167	1.25801	1.12782	1.02994	.68230	.94184	1.09615	1.10947	1.05670	.65777
1.541	1.094	.96168	1.23290	1.12468	1.02530	.67677	.94728	1.10054	1.11567	1.06041	.65656
1.542		.96067	1.22914	1.12391	1.02307	.67642	.94766	1.10423	1.11777	1.06152	.65681
		.03341	.00367	.00914	.00158	.00077	.03739	-.02119	.00692	.00338	.00310

GRADIENT

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(SCM051) (03 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	CPR	CPC7	CPC8	CPC9	CPC3	CPL	CPC10	CPC11	CPC12	CPO4
.600	-6.960	.75994	.72077	.67237	.30012	.70228	.74013	.60303	.67115	.69108	.22275
.600	-6.452	.77310	.72927	.67801	.30355	.71635	.75361	.62151	.68131	.70543	.22840
.600	-5.945	.78735	.73900	.68518	.30921	.73000	.76635	.63512	.69123	.71678	.23408
.600	-5.440	.79876	.74643	.69016	.31337	.74156	.77711	.64696	.69916	.72891	.23796
.600	-4.938	.80928	.75397	.69368	.31712	.75258	.78715	.65742	.70667	.73742	.24183
.600	-4.428	.81864	.76066	.69701	.32077	.76231	.79628	.66498	.71338	.74518	.24585
.600	-3.920	.82662	.76672	.70176	.32493	.77000	.80364	.67047	.71880	.75052	.24908
.601	-3.411	.83362	.77272	.70798	.32736	.77740	.81136	.67674	.72454	.75643	.25244
.600	-2.900	.84071	.77775	.71159	.32959	.78512	.81867	.68347	.73005	.76268	.25539
.601	-2.382	.84796	.78334	.71540	.33374	.79256	.82571	.68347	.73623	.76819	.26078
.600	-1.863	.85180	.78708	.71651	.33412	.79675	.82981	.69440	.73963	.77342	.26177
.601	-1.330	.85533	.79006	.71677	.33513	.79928	.83428	.69666	.74349	.77891	.26472
.600	-.798	.85779	.79211	.71598	.33394	.80538	.83837	.69800	.74639	.78342	.26572
.601	-.265	.85727	.79113	.71358	.33171	.80859	.84127	.69948	.74912	.78891	.26861
.601	.227	.85492	.78912	.70980	.32831	.81042	.84248	.69976	.75098	.79342	.27082
.601	.704	.85343	.78739	.70599	.32453	.81182	.84579	.70024	.75321	.79891	.27316
.600	1.185	.85075	.78685	.70449	.32237	.81192	.84611	.70040	.75432	.80342	.27463
	GRADIENT	.00694	.00548	.00181	.00094	.00970	.00955	.00777	.00777	.00700	.00527

RUN NO. 1467/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPC3	CPL	CPC10	CPC11	CPC12	CPO4
.799	-6.976	.84176	.88036	.79646	.74593	.36210	.79000	.82562	.75445	.69108	.29053
.800	-6.457	.85566	.89392	.80656	.75353	.36811	.80307	.83821	.76444	.70543	.29655
.800	-5.959	.86783	.90631	.81521	.76020	.37382	.81411	.84915	.77260	.71678	.30149
.800	-5.453	.87846	.91709	.82226	.76287	.37748	.82551	.86024	.78114	.72891	.30653
.800	-4.956	.88793	.92675	.82918	.76836	.38185	.83432	.86857	.78707	.73742	.30974
.800	-4.451	.89653	.93536	.83567	.77087	.38562	.84374	.87776	.79393	.74518	.31470
.800	-3.942	.90363	.94292	.84094	.77484	.38790	.85106	.88493	.79912	.75052	.31735
.800	-3.439	.91054	.95043	.84651	.78156	.39104	.85833	.89216	.80466	.75643	.32081
.800	-2.925	.91707	.95798	.85217	.78551	.39404	.86503	.89900	.81001	.76268	.32385
.800	-2.415	.92179	.96361	.85584	.78764	.39616	.87100	.90484	.81476	.76819	.32716
.800	-1.900	.92501	.96818	.85949	.78835	.39862	.87447	.90891	.81773	.77091	.32826
.800	-1.383	.92921	.97298	.86343	.78932	.39791	.87872	.91302	.82105	.77364	.32994
.800	-.857	.93152	.97648	.86593	.78912	.39836	.88241	.91709	.82420	.77621	.33235
.800	-.339	.93191	.97773	.86594	.78797	.39745	.88499	.91987	.82667	.77774	.33533
.800	.151	.93143	.97798	.86549	.78529	.39490	.88649	.92110	.82826	.77799	.33700
.799	.636	.92977	.97577	.86417	.78205	.39104	.88637	.92268	.82872	.77653	.33651
.800	1.136	.92726	.97623	.86335	.78003	.38906	.88631	.92213	.82908	.77599	.33827
	GRADIENT	.00662	.00838	.00582	.00212	.00139	.00851	.00882	.00694	.00641	.00455

C-7

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(SCM051) (03 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	CPR	CPC7	CPC8	CPC9	CPC3	CPL	CPC10	CPC11	CPC12	CPO4
.900	-6.972	.90086	.93781	.85478	.80484	.42709	.85056	.88460	.81389	.75341	.35739
.900	-6.451	.91532	.95207	.86582	.81307	.43366	.86434	.89806	.82477	.76713	.36417
.900	-5.951	.92389	.96136	.87158	.81709	.43653	.87335	.90725	.83143	.77676	.36793
.900	-5.448	.93410	.97182	.87858	.81906	.44057	.88340	.91720	.83891	.78812	.37231
.900	-4.948	.94212	.98028	.88441	.82372	.44388	.89139	.92514	.84468	.79618	.37545
.900	-4.442	.95100	.98935	.89137	.82699	.44769	.90023	.93374	.85098	.80352	.37925
.900	-3.937	.95997	.99866	.89835	.83316	.45204	.90910	.94203	.85721	.81013	.38284
.900	-3.426	.96535	1.00472	.90284	.83849	.45404	.91529	.94838	.86215	.81522	.38600
.900	-2.918	.96890	1.00961	.90581	.83996	.45498	.91934	.95308	.86555	.81975	.38757
.900	-2.406	.97365	1.01559	.90981	.84243	.45701	.92469	.95872	.87007	.82509	.39023
.900	-1.893	.97640	1.01958	.91306	.84299	.45763	.92738	.96188	.87232	.82666	.39123
.900	-1.371	.98157	1.02522	.91785	.84464	.45925	.93323	.96727	.87684	.83072	.39439
.900	-.845	.98346	1.02792	.91956	.84382	.45971	.93629	.97059	.87917	.83226	.39572
.900	-.325	.98393	1.02930	.91964	.84260	.45758	.93896	.97350	.88173	.83382	.39779
.900	.165	.98277	1.02901	.91842	.83926	.45487	.93980	.97389	.88271	.83356	.39925
.900	.650	.98227	1.02958	.91868	.83765	.45341	.94110	.97628	.88462	.83369	.40120
.900	1.140	.97985	1.02850	.91787	.83556	.45093	.94070	.97652	.88487	.83303	.40202
GRADIENT		.00611	.00789	.00543	.00185	.00113	.00794	.00827	.00651	.00595	.00421

RUN NO. 1486/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPC3	CPL	CPC10	CPC11	CPC12	CPO4
1.100	-6.998	1.04401	1.07750	.99921	.95203	.60671	1.00335	1.03458	.96891	.91303	.55199
1.100	-6.483	1.05508	1.08922	1.00786	.95830	.61166	1.01345	1.04472	.97663	.92372	.55600
1.100	-5.978	1.06390	1.09857	1.01426	.96302	.61490	1.02266	1.05389	.98343	.93259	.55970
1.100	-5.476	1.07302	1.10790	1.02099	.96469	.61868	1.03142	1.06270	.99009	.94282	.56343
1.100	-4.980	1.08031	1.11573	1.02624	.96870	.62128	1.03880	1.07010	.99543	.95031	.56609
1.100	-4.480	1.08769	1.12347	1.03180	.97131	.62437	1.04617	1.07733	1.00098	.95634	.56944
1.100	-3.977	1.09410	1.13045	1.03669	.97540	.62586	1.05249	1.08387	1.00588	.96147	.57210
1.100	-3.470	1.09962	1.13664	1.04131	.98062	.62921	1.05821	1.08964	1.01005	.96636	.57455
1.100	-2.971	1.10453	1.14231	1.04554	.98306	.63132	1.06346	1.09514	1.01435	.97077	.57702
1.100	-2.467	1.10828	1.14702	1.04845	.98457	.63270	1.06734	1.09909	1.01734	.97442	.57822
1.100	-1.967	1.11175	1.15152	1.05237	.98618	.63405	1.07117	1.10335	1.02045	.97691	.58007
1.100	-1.466	1.11472	1.15560	1.05569	.98684	.63520	1.07424	1.10643	1.02285	.97894	.58115
1.100	-.954	1.11725	1.15870	1.05751	.98620	.63546	1.07661	1.10919	1.02472	.98012	.58214
1.100	-.467	1.11784	1.16036	1.05843	.98636	.63467	1.07871	1.11176	1.02669	.98150	.58366
1.100	.024	1.11846	1.16182	1.05925	.98514	.63385	1.07887	1.11144	1.02686	.98054	.58348
1.100	.526	1.11857	1.16303	1.06022	.98461	.63354	1.07864	1.11139	1.02664	.97897	.58322
1.100	1.034	1.11760	1.16336	1.06112	.98398	.63307	1.07761	1.11142	1.02605	.97737	.58398
GRADIENT		.00617	.00792	.00575	.00245	.00189	.00654	.00692	.00518	.00462	.00281

(SCM051) (03 OCT 91)

IA310 (AEDC 16TF-783) PROBE CALIBRATION

PARAMETRIC DATA

BETA = 1.000 PHI = 180.000

RUN NO. 1524/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
1.250	-6.979	1.11806	1.15547	1.07195	1.02282	.67522	1.07216	1.10733	1.03770	.98337	.61531
1.250	-6.462	1.12870	1.16698	1.08002	1.02854	.68006	1.08209	1.11754	1.04522	.99305	.61886
1.250	-5.961	1.13734	1.17629	1.08566	1.03131	.68309	1.09178	1.12736	1.05260	1.00379	.62320
1.250	-5.457	1.14610	1.18518	1.09249	1.03533	.68691	1.10026	1.13588	1.05903	1.01331	.62712
1.250	-4.952	1.15288	1.19241	1.09758	1.03707	.68922	1.10702	1.14246	1.06362	1.01953	.62974
1.250	-4.456	1.15882	1.19958	1.10261	1.04017	.69185	1.11247	1.14800	1.06764	1.02405	.63192
1.250	-3.950	1.16554	1.20727	1.10820	1.04529	.69490	1.11932	1.15513	1.07306	1.02945	.63492
1.250	-3.440	1.17140	1.21349	1.11275	1.05016	.69705	1.12584	1.16167	1.07815	1.03494	.63807
1.250	-2.933	1.17509	1.21822	1.11593	1.05152	.69816	1.13006	1.16624	1.08144	1.03868	.63971
1.250	-2.428	1.17902	1.22329	1.11908	1.05335	.69954	1.13452	1.17094	1.08504	1.04199	.64166
1.250	-1.912	1.18332	1.22855	1.12384	1.05506	.70131	1.13906	1.17592	1.08881	1.04530	.64381
1.250	-1.403	1.18656	1.23255	1.12700	1.05463	.70226	1.14224	1.17910	1.09116	1.04749	.64525
1.250	-.885	1.18787	1.23494	1.12781	1.05317	.70173	1.14418	1.18191	1.09327	1.04867	.64654
1.250	-.369	1.18877	1.23633	1.12822	1.05268	.70064	1.14646	1.18405	1.09498	1.04943	.64805
1.250	.116	1.18856	1.23733	1.12874	1.05121	.69927	1.14780	1.18483	1.09604	1.04946	.64948
1.250	.605	1.18771	1.23795	1.12892	1.04995	.69753	1.14790	1.18549	1.09644	1.04830	.64973
1.250	1.105	1.18602	1.23763	1.12899	1.04864	.69619	1.14750	1.18575	1.09668	1.04759	.65067
GRADIENT		.00565	.00754	.00521	.00168	.00118	.00686	.00730	.00558	.00476	.00347

RUN NO. 1540/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
1.400	-6.981	1.14125	1.19335	1.09738	1.04483	.69051	1.08773	1.13700	1.05930	1.00723	.62881
1.400	-6.465	1.14993	1.20319	1.10390	1.04907	.69392	1.09748	1.14758	1.06731	1.01844	.63339
1.400	-5.962	1.15755	1.21208	1.11021	1.04969	.69680	1.10544	1.15600	1.07341	1.02826	.63628
1.400	-5.459	1.16613	1.22210	1.11734	1.05465	.70046	1.11400	1.16477	1.07999	1.03737	.63960
1.400	-4.960	1.17284	1.23073	1.12302	1.05645	.70335	1.12062	1.17219	1.08544	1.04301	.64253
1.400	-4.458	1.17998	1.23859	1.12843	1.06050	.70578	1.12762	1.17960	1.09095	1.04784	.64503
1.400	-3.954	1.18639	1.24580	1.13343	1.06575	.70856	1.13400	1.18647	1.09627	1.05343	.64765
1.400	-3.445	1.19107	1.25096	1.13653	1.06879	.70987	1.13895	1.19215	1.09968	1.05746	.64923
1.400	-2.939	1.19510	1.25609	1.13979	1.07069	.71172	1.14380	1.19750	1.10367	1.06074	.65118
1.400	-2.434	1.19886	1.26161	1.14397	1.07293	.71343	1.14899	1.20309	1.10804	1.06460	.65386
1.400	-1.925	1.20197	1.26656	1.14859	1.07337	.71426	1.15218	1.20692	1.11067	1.06731	.65474
1.400	-1.409	1.20497	1.27148	1.15177	1.07177	.71502	1.15491	1.20984	1.11286	1.06882	.65588
1.400	-.893	1.20692	1.27427	1.15332	1.07119	.71469	1.15748	1.21298	1.11490	1.06998	.65701
1.400	-.383	1.20778	1.27594	1.15358	1.06996	.71346	1.15991	1.21534	1.11694	1.07093	.65855
1.399	.104	1.20675	1.27611	1.15345	1.06790	.71147	1.16055	1.21629	1.11833	1.07107	.65999
1.400	.595	1.20706	1.27724	1.15395	1.06679	.71025	1.16197	1.21816	1.12003	1.07126	.66140
1.400	1.095	1.20523	1.27687	1.15408	1.06531	.70887	1.16128	1.21891	1.12073	1.07095	.66239
GRADIENT		.00534	.00774	.00522	.00105	.00093	.00671	.00760	.00569	.00455	.00317

IA310 (AEDC 16TF-783) PROBE CALIBRATION (SCMO51) (03 OCT 91)

PARAMETRIC DATA

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
1.450	-6.962	1.13543	1.20151	1.09990	1.04762	.69726	1.07611	1.13805	1.05916	1.01108	.63016
1.450	-6.444	1.14441	1.21141	1.10624	1.05085	.70110	1.08446	1.14806	1.06601	1.02185	.63329
1.450	-5.941	1.15119	1.21958	1.11247	1.05236	.70365	1.09308	1.15753	1.07304	1.03253	.63721
1.449	-5.435	1.15668	1.22738	1.11791	1.05509	.70525	1.09908	1.16420	1.07771	1.03820	.63903
1.449	-4.929	1.16490	1.23800	1.12598	1.05850	.70918	1.10672	1.17358	1.08499	1.04474	.64316
1.450	-4.430	1.17197	1.24589	1.13146	1.06267	.71200	1.11308	1.18143	1.09064	1.05059	.64575
1.451	-3.918	1.17845	1.25278	1.13628	1.06845	.71455	1.11957	1.18893	1.09624	1.05594	.64861
1.450	-3.408	1.18215	1.25740	1.13874	1.07043	.71550	1.12339	1.19445	1.10024	1.05880	.64965
1.448	-2.897	1.18448	1.26093	1.14052	1.07107	.71584	1.12672	1.19882	1.10380	1.06156	.65029
1.450	-2.380	1.18842	1.26709	1.14599	1.07432	.71841	1.13200	1.20538	1.10938	1.06713	.65396
1.450	-1.862	1.19146	1.27365	1.15136	1.07450	.71941	1.13520	1.20934	1.11235	1.06985	.65501
1.451	-1.337	1.19639	1.28052	1.15567	1.07397	.72114	1.14001	1.21375	1.11565	1.07265	.65719
1.450	-.806	1.19839	1.28328	1.15626	1.07241	.72044	1.14262	1.21716	1.11768	1.07392	.65834
1.450	-.276	1.19953	1.28461	1.15575	1.07062	.71914	1.14648	1.21990	1.11983	1.07507	.66067
1.450	.215	1.19837	1.28516	1.15539	1.06815	.71743	1.14878	1.22149	1.12109	1.07484	.66352
1.450	.693	1.19566	1.28552	1.15462	1.06479	.71406	1.14878	1.22198	1.12162	1.07339	.66485
1.450	1.173	1.19272	1.28474	1.15495	1.06355	.71158	1.14860	1.22266	1.12268	1.07338	.66631
	GRADIENT	.00487	.00802	.00492	.00046	.00064	.00703	.00803	.00615	.00473	.00371

BETA = 1.000 PHI = 180.000
 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
1.470	-6.969	1.10250	1.18080	1.07978	1.02867	.68089	1.04272	1.12154	1.04185	.99492	.61326
1.470	-6.446	1.11266	1.19332	1.08802	1.03197	.68529	1.05213	1.13248	1.04990	1.00631	.61704
1.470	-5.944	1.11863	1.20202	1.09348	1.03291	.68728	1.05903	1.14230	1.05712	1.01745	.61983
1.471	-5.444	1.12802	1.21211	1.10144	1.03771	.69168	1.06878	1.15332	1.06542	1.02701	.62443
1.470	-4.938	1.13225	1.21868	1.10593	1.03991	.69302	1.07338	1.15969	1.07000	1.03165	.62630
1.484	-4.435	1.13676	1.22523	1.11022	1.04289	.69461	1.07752	1.16495	1.07376	1.03532	.62766
1.470	-3.928	1.14272	1.23291	1.11585	1.04909	.69727	1.08362	1.17213	1.07938	1.03995	.63063
1.470	-3.420	1.14678	1.23794	1.11806	1.05083	.69818	1.08821	1.17729	1.08295	1.03959	.63190
1.470	-2.905	1.15126	1.24375	1.12175	1.05333	.70065	1.09298	1.18298	1.08726	1.04677	.63460
1.470	-2.394	1.15416	1.24865	1.12606	1.05405	.70279	1.09674	1.18754	1.09090	1.05033	.63661
1.469	-1.873	1.15396	1.25106	1.12698	1.05205	.70426	1.09621	1.18793	1.09069	1.05100	.63632
1.470	-1.354	1.15718	1.25563	1.13057	1.05090	.70430	1.09935	1.19255	1.09395	1.05300	.63851
1.470	-.822	1.15962	1.25928	1.13331	1.05198	.70496	1.10257	1.19692	1.09710	1.05533	.64085
1.469	-.299	1.15734	1.25878	1.13220	1.04942	.70128	1.10256	1.19677	1.09712	1.05443	.64193
1.471	.194	1.15773	1.26118	1.13386	1.04850	.69921	1.10610	1.20022	1.10072	1.05625	.64620
1.470	.675	1.15588	1.26160	1.13340	1.04578	.69575	1.10753	1.20184	1.10239	1.05597	.64945
1.470	1.158	1.15356	1.26021	1.13224	1.04292	.69357	1.10843	1.20335	1.10332	1.05599	.65171
	GRADIENT	.00360	.00693	.00447	.00022	.00040	.00553	.00698	.00530	.00397	.00395

BETA = 1.000 PHI = 180.000
 GRADIENT INTERVAL = -5.00/ 5.00

IA310 (AEDC 16TF-783) PROBE CALIBRATION (SCM051) (03 OCT 91)

PARAMETRIC DATA

BETA = 1.000 PHI = 180.000

RUN NO. 1593/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
1.493	-6.971	1.06076	1.17619	1.07214	1.02085	.67639	.99633	1.11504	1.03507	.99239	.61127
1.493	-6.453	1.06318	1.18578	1.07835	1.02128	.67933	.99876	1.12383	1.04140	1.00208	.61380
1.493	-5.951	1.06611	1.19470	1.08387	1.02324	.68191	1.00195	1.13405	1.04942	1.01364	.61843
1.493	-5.446	1.06655	1.20370	1.09008	1.02446	.68516	1.00142	1.14232	1.05549	1.02088	.62120
1.493	-4.946	1.06541	1.21147	1.09570	1.02383	.68756	1.00052	1.14992	1.06099	1.02609	.62418
1.493	-4.444	1.06565	1.21992	1.10137	1.03310	.69017	1.00030	1.15676	1.06618	1.03010	.62654
1.493	-3.931	1.06416	1.22702	1.10547	1.03812	.69159	.99903	1.16256	1.06997	1.03254	.62811
1.492	-3.419	1.06397	1.23350	1.10788	1.04002	.69338	.99832	1.16862	1.07428	1.03665	.62990
1.493	-2.915	1.06061	1.23882	1.11072	1.04063	.69532	.99564	1.17526	1.07907	1.04137	.63287
1.492	-2.400	1.05453	1.24177	1.11278	1.03869	.69554	.99051	1.17959	1.08123	1.04318	.63376
1.493	-1.881	1.05215	1.24564	1.11663	1.03878	.69706	.98810	1.18432	1.08414	1.04599	.63556
1.493	-1.364	1.04856	1.24813	1.11885	1.03889	.69730	.98501	1.18779	1.08602	1.04729	.63663
1.492	-.833	1.04584	1.25131	1.12138	1.03912	.69678	.98314	1.19038	1.08825	1.04878	.63830
1.493	-.310	1.04338	1.25354	1.12215	1.03797	.69476	.98270	1.19102	1.08994	1.04917	.63979
1.492	.179	1.04161	1.25511	1.12289	1.03667	.69273	.98439	1.19299	1.09236	1.05024	.64251
1.492	.661	1.03741	1.25399	1.12175	1.03377	.68970	.98356	1.19403	1.09310	1.04918	.64338
1.492	1.147	1.04025	1.25318	1.12109	1.03176	.68749	.98933	1.19650	1.09462	1.04916	.64528
1.493	GRADIENT	-.00516	.00672	-.00424	.00007	.00012	-.00310	.00746	.00533	.00389	.00335

RUN NO. 1609/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
1.516	-6.970	.95891	1.17804	1.07354	1.02432	.67888	.88678	1.11461	1.03497	.99577	.61404
1.516	-6.453	.95043	1.18744	1.07943	1.02494	.68128	.87808	1.12199	1.03950	1.00469	.61569
1.516	-5.951	.94398	1.19883	1.08684	1.02780	.68475	.87226	1.13284	1.04765	1.01615	.62026
1.516	-5.447	.94339	1.20787	1.09252	1.02921	.68727	.87103	1.14100	1.05307	1.02178	.62255
1.515	-4.941	.93887	1.21481	1.09646	1.03161	.68940	.86661	1.14820	1.05786	1.02517	.62454
1.516	-4.439	.93090	1.22223	1.10137	1.03606	.69237	.85721	1.15582	1.06364	1.02916	.62709
1.516	-3.931	.91916	1.23029	1.10536	1.04071	.69475	.84547	1.16372	1.06877	1.03359	.62942
1.515	-3.424	.91402	1.23734	1.10777	1.04194	.69580	.84136	1.17055	1.07256	1.03705	.63051
1.515	-2.910	.90798	1.24534	1.11343	1.04314	.69732	.83682	1.17882	1.07746	1.04141	.63269
1.516	-2.401	.90362	1.25358	1.11977	1.04462	.69974	.83408	1.18745	1.08252	1.04617	.63570
1.516	-1.882	.90109	1.25888	1.12307	1.04485	.70031	.83188	1.19332	1.08521	1.04843	.63695
1.516	-1.361	.89681	1.26242	1.12544	1.04532	.70058	.82816	1.19842	1.08821	1.05035	.63846
1.516	-.834	.89154	1.26554	1.12716	1.04493	.70009	.82527	1.20137	1.09050	1.05082	.64012
1.516	-.309	.88673	1.26745	1.12680	1.04182	.69800	.82478	1.20185	1.09323	1.05151	.64202
1.516	.180	.88304	1.26812	1.12580	1.03838	.69388	.82722	1.20061	1.09483	1.05135	.64419
1.515	.663	.88052	1.26761	1.12630	1.03710	.69114	.82952	1.20365	1.09748	1.05215	.64570
1.516	1.150	.88337	1.26686	1.12635	1.03601	.68932	.83626	1.20983	1.10032	1.05376	.64794
1.516	GRADIENT	-.00915	.00894	-.00512	.00029	.00004	-.00509	.00975	.00669	.00456	.00370

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(SCM051) (03 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	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CP04
1.542	-6.969	.78600	1.17845	1.06992	1.01735	.67473	.71517	1.11704	1.03284	.99602	.61575
1.541	-6.453	.78694	1.18789	1.07405	1.01828	.67629	.72022	1.12871	1.04032	1.00271	.61876
1.542	-5.950	.78940	1.19937	1.08019	1.02513	.68057	.72412	1.14232	1.04895	1.01112	.62250
1.542	-5.446	.79143	1.20945	1.08332	1.02758	.68296	.72759	1.15401	1.05471	1.01754	.62466
1.541	-4.946	.79456	1.22049	1.08713	1.02891	.68564	.73256	1.16684	1.06066	1.02438	.62711
1.541	-4.438	.80094	1.23178	1.09230	1.03092	.68835	.74088	1.17955	1.06588	1.02993	.62933
1.541	-3.931	.81199	1.24480	1.09748	1.03267	.68944	.75425	1.19401	1.07118	1.03490	.63079
1.541	-3.425	.82237	1.26004	1.10460	1.03594	.69120	.77816	1.21027	1.07768	1.04117	.63293
1.541	-2.915	.83339	1.28473	1.11397	1.04034	.69305	.82433	1.19855	1.08690	1.04712	.63512
1.541	-2.401	.84337	1.30936	1.12051	1.04136	.69405	.85855	1.14752	1.09395	1.04858	.63652
1.542	-1.886	.85160	1.32391	1.12654	1.04216	.69585	.87701	1.11359	1.09525	1.04776	.63842
1.541	-1.364	.85620	1.32923	1.13052	1.04272	.69504	.89289	1.09322	1.09261	1.04467	.63956
1.541	-.837	.86676	1.32773	1.13490	1.04436	.69683	.90527	1.08383	1.08971	1.04171	.64142
1.541	-.309	.87519	1.32051	1.13764	1.04445	.69682	.91607	1.08146	1.08969	1.04064	.64360
1.542	.179	.88950	1.30826	1.13781	1.04186	.69469	.92345	1.08081	1.09250	1.04271	.64580
1.541	.660	.90063	1.29608	1.13672	1.03848	.69044	.92709	1.07840	1.09547	1.04398	.64373
1.541	1.149	.91007	1.28701	1.13563	1.03596	.68888	.92900	1.08065	1.09934	1.04613	.64340
1.541	GRADIENT	.03153	.01361	.00889	.00164	.00084	.03655	-.02313	.00543	.00231	.00299

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

(SCM052) (03 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	CPR	CPC7	CPC8	CPC9	CPC3	CPL	CPC10	CPC11	CPC12	CPO4
.599	-6.941	.76944	.80898	.73105	.68231	.31160	.68961	.72748	.65728	.59280	.20571
.600	-6.433	.78466	.82359	.74189	.68989	.31743	.70544	.74248	.66884	.60993	.21323
.600	-5.926	.79751	.83612	.75038	.69617	.32233	.71896	.75529	.67848	.62330	.21923
.600	-5.420	.80983	.84804	.75887	.70193	.32795	.73164	.76721	.68800	.63731	.22536
.600	-4.907	.81915	.85730	.76482	.70529	.33081	.74166	.77653	.69489	.64708	.22908
.600	-4.404	.82996	.86804	.77370	.71090	.33656	.75300	.78699	.70320	.65536	.23483
.600	-3.889	.83615	.87442	.77752	.71329	.33703	.75895	.79252	.70648	.65862	.23485
.601	-3.379	.84696	.88539	.78653	.72254	.34390	.76989	.80315	.71536	.66806	.24133
.600	-2.863	.85150	.89031	.78953	.72339	.34385	.77525	.80838	.71942	.67264	.24264
.601	-2.344	.85869	.89816	.79566	.72786	.34783	.78290	.81568	.72540	.67834	.24707
.600	-1.823	.86142	.90183	.79890	.72830	.34788	.78669	.81985	.72790	.68276	.24896
.600	-1.298	.86543	.90609	.80203	.72959	.34782	.79159	.82445	.73189	.68547	.25035
.601	-.771	.86771	.90940	.80440	.72959	.34876	.79579	.82830	.73559	.68766	.25383
.600	-.250	.86738	.90975	.80353	.72665	.34613	.79878	.83125	.73793	.68868	.25567
.600	.243	.86511	.90900	.80197	.72365	.34223	.79924	.83033	.73794	.68783	.25601
.600	.735	.86418	.90915	.80205	.72208	.34066	.80053	.83373	.74045	.68788	.25830
.601	1.213	.86128	.90775	.80055	.71933	.33763	.79955	.83329	.74015	.68677	.25866
	GRADIENT	.00686	.00820	.00580	.00223	.00107	.00945	.00919	.00738	.00660	.00479

RUN NO. 1468/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPC3	CPL	CPC10	CPC11	CPC12	CPO4
.800	-6.959	.85276	.89087	.80818	.75786	.37673	.77896	.81481	.74255	.68181	.27602
.800	-6.448	.86592	.90409	.81776	.76503	.38261	.79217	.82757	.75237	.69425	.28230
.800	-5.946	.87758	.91570	.82579	.77082	.38663	.80406	.83870	.76102	.70609	.28711
.800	-5.437	.88863	.92716	.83389	.77461	.39174	.81533	.84990	.76974	.71841	.29279
.800	-4.933	.89752	.93593	.83991	.77914	.39492	.82418	.85821	.77569	.72701	.29588
.800	-4.430	.90614	.94508	.84684	.78313	.39876	.83361	.86743	.78264	.73427	.30035
.800	-3.921	.91346	.95271	.85224	.78757	.40222	.84115	.87446	.78787	.73955	.30345
.800	-3.413	.92080	.96085	.85841	.79394	.40572	.84883	.88242	.79409	.74664	.30761
.800	-2.904	.92602	.96700	.86289	.79628	.40743	.85489	.88837	.79825	.75107	.30977
.800	-2.388	.93125	.97348	.86741	.79921	.41014	.86046	.89395	.80247	.75521	.31250
.800	-1.878	.93521	.97851	.87189	.80101	.41099	.86508	.89905	.80690	.76124	.31487
.800	-1.353	.93750	.98122	.87372	.80006	.41065	.86831	.90202	.80894	.76419	.31813
.800	-.837	.93978	.98491	.87647	.80052	.41108	.87157	.90562	.81213	.76450	.32034
.800	-.326	.94063	.98655	.87701	.79992	.41051	.87427	.90884	.81450	.76540	.32058
.800	.164	.93975	.98692	.87679	.79769	.40767	.87517	.90798	.81469	.76452	.32058
.800	.663	.93948	.98745	.87749	.79713	.40718	.87614	.91084	.81650	.76431	.32372
.800	1.151	.93675	.98643	.87605	.79426	.40394	.87433	.91013	.81583	.76272	.32221
	GRADIENT	.00649	.00834	.00602	.00247	.00152	.00828	.00847	.00662	.00598	.00428

(SCM052) (03 OCT 91)

IA310 (AEDC 16TF-783) PROBE CALIBRATION

PARAMETRIC DATA

BETA = 1.500 PHI = 180.000

RUN NO. 1502/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
.900	-6.954	.91166	.94814	.86641	.81626	.44075	.84117	.87541	.80351	.74453	.34434
.900	-6.441	.92315	.96024	.87521	.82235	.44569	.85267	.88676	.81203	.75588	.34938
.900	-5.938	.93489	.97219	.88348	.82896	.45067	.86415	.89761	.82049	.76708	.35433
.901	-5.429	.94428	.98184	.89009	.83105	.45482	.87389	.90730	.82795	.77830	.35916
.900	-4.924	.95281	.99062	.89600	.83553	.45764	.88272	.91584	.83424	.78674	.36233
.900	-4.420	.96070	.99917	.90244	.83949	.46135	.89086	.92405	.84034	.79359	.36630
.900	-3.913	.96759	1.00650	.90767	.84408	.46406	.89828	.93124	.84579	.79942	.36932
.900	-3.403	.97394	1.01391	.91324	.84941	.46678	.90506	.93822	.85103	.80493	.37224
.900	-2.892	.97874	1.01955	.91721	.85135	.46866	.91025	.94336	.85459	.80941	.37443
.900	-2.379	.98362	1.02557	.92142	.85393	.47031	.91566	.94893	.85895	.81393	.37653
.898	-1.862	.98633	1.02934	.92447	.85434	.46969	.91918	.95263	.86191	.81681	.37694
.900	-1.343	.99165	1.03484	.92931	.85657	.47297	.92523	.95836	.86658	.82055	.38133
.900	-.825	.99153	1.03631	.93001	.85523	.47212	.92651	.96020	.86813	.82117	.38270
.900	-.313	.99214	1.03803	.93069	.85444	.47091	.92862	.96298	.87026	.82236	.38401
.900	.180	.99222	1.03898	.93113	.85314	.46939	.93054	.96273	.87089	.82226	.38573
.900	.676	.99105	1.03904	.93103	.85180	.46735	.93065	.96484	.87244	.82164	.38629
.900	1.160	.98937	1.03837	.93029	.84926	.46545	.92989	.96515	.87220	.82067	.38687
	GRADIENT	.00602	.00789	.00570	.00223	.00130	.00781	.00802	.00627	.00559	.00398

RUN NO. 1509/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
1.100	-6.984	1.05421	1.08788	1.01059	.96338	.62039	.99317	1.02464	.95765	.90351	.53863
1.100	-6.474	1.06371	1.09776	1.01745	.96791	.62339	1.00425	1.03581	.96542	.91450	.54406
1.100	-5.973	1.07306	1.10765	1.02438	.97326	.62696	1.01387	1.04511	.97366	.92405	.54800
1.100	-5.473	1.08190	1.11695	1.03088	.97559	.63076	1.02291	1.05415	.98035	.93440	.55195
1.100	-4.973	1.09001	1.12556	1.03694	.98014	.63445	1.03051	1.06145	.98563	.94176	.55455
1.100	-4.472	1.09665	1.13276	1.04208	.98280	.63683	1.03748	1.06840	.99087	.94745	.55735
1.100	-3.964	1.10251	1.13912	1.04663	.98647	.63892	1.04362	1.07452	.99543	.95239	.55985
1.100	-3.465	1.10898	1.14638	1.05218	.99193	.64210	1.05021	1.08151	1.00087	.95817	.56323
1.100	-2.962	1.11316	1.15173	1.05594	.99409	.64374	1.05474	1.08616	1.00425	.96191	.56461
1.100	-2.462	1.11711	1.15644	1.05908	.99594	.64539	1.05920	1.09056	1.00747	.96525	.56671
1.100	-1.957	1.12033	1.16068	1.06277	.99731	.64626	1.06292	1.09444	1.01051	.96761	.56810
1.100	-1.446	1.12325	1.16457	1.06619	.99837	.64744	1.06590	1.09797	1.01324	.97014	.56961
1.100	-.949	1.12467	1.16688	1.06767	.99774	.64706	1.06774	1.09993	1.01438	.97063	.57002
1.100	-.448	1.12626	1.16941	1.06924	.99809	.64708	1.06976	1.10240	1.01607	.97136	.57086
1.100	.039	1.12704	1.17096	1.07046	.99754	.64704	1.07054	1.10135	1.01643	.97085	.57142
1.100	.545	1.12679	1.17171	1.07132	.99719	.64600	1.07020	1.10128	1.01646	.96947	.57115
1.100	1.051	1.12650	1.17261	1.07232	.99709	.64570	1.06976	1.10316	1.01648	.96855	.57119
	GRADIENT	.00601	.00780	.00587	.00270	.00184	.00655	.00679	.00513	.00446	.00276

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(SCM052) (03 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	CPR	CPC7	CPC8	CPC9	CPC03	CPL	CPC10	CPC11	CPC12	CPC04
1.250	-6.965	1.12752	1.16486	1.08215	1.03290	.68745	1.06304	1.09816	1.02754	.97468	.60346
1.250	-6.447	1.13775	1.17587	1.08972	1.03827	.69170	1.07336	1.10869	1.03536	.98445	.60768
1.250	-5.947	1.14708	1.18587	1.09653	1.04212	.69561	1.08288	1.11842	1.04273	.99547	.61191
1.250	-5.444	1.15540	1.19450	1.10266	1.04600	.69876	1.09103	1.12627	1.04835	1.00417	.61468
1.250	-4.945	1.16091	1.20124	1.10757	1.04769	.70074	1.09749	1.13304	1.05352	1.01025	.61759
1.250	-4.439	1.16772	1.20876	1.11305	1.05150	.70361	1.10419	1.13951	1.05846	1.01555	.62055
1.250	-3.929	1.17438	1.21594	1.11808	1.05659	.70626	1.11072	1.14600	1.06312	1.02026	.62333
1.250	-3.424	1.17979	1.22222	1.12275	1.06039	.70883	1.11626	1.15206	1.06756	1.02546	.62607
1.250	-2.913	1.18416	1.22744	1.12671	1.06219	.71023	1.12149	1.15732	1.07156	1.02952	.62833
1.250	-2.406	1.18827	1.23249	1.12999	1.06423	.71176	1.12149	1.16207	1.07523	1.03230	.63011
1.250	-1.892	1.19137	1.23688	1.13372	1.06518	.71238	1.13001	1.16629	1.07836	1.03466	.63190
1.250	-1.379	1.19416	1.24054	1.13667	1.06427	.71327	1.13310	1.16984	1.08094	1.03728	.63366
1.250	-.865	1.19556	1.24299	1.13847	1.06427	.71285	1.13532	1.17227	1.08274	1.03932	.63474
1.250	-.357	1.19688	1.24510	1.13924	1.06416	.71242	1.13747	1.17437	1.08452	1.03834	.63624
1.250	.132	1.19687	1.24610	1.13989	1.06294	.71122	1.13828	1.17405	1.08489	1.03854	.63703
1.250	.632	1.19603	1.24664	1.14052	1.06215	.70969	1.13832	1.17491	1.08564	1.03776	.63744
1.250	1.123	1.19506	1.24694	1.14109	1.06139	.70893	1.13805	1.17597	1.08594	1.03717	.63833
	GRADIENT	.00560	.00750	.00548	.00192	.00127	.00675	.00706	.00538	.00445	.00337

RUN NO. 1541/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPC03	CPL	CPC10	CPC11	CPC12	CPC04
1.399	-6.974	1.15198	1.20356	1.10881	1.05574	.70322	1.07762	1.12774	1.04856	.99825	.61696
1.400	-6.450	1.16005	1.21302	1.11478	1.05979	.70620	1.08678	1.13716	1.05590	1.00896	.62079
1.400	-5.950	1.16910	1.22340	1.12243	1.06269	.71031	1.09635	1.14701	1.06334	1.02030	.62487
1.400	-5.448	1.17621	1.23223	1.12836	1.06581	.71284	1.10392	1.15469	1.06892	1.02778	.62736
1.400	-4.948	1.18328	1.24078	1.13438	1.06817	.71558	1.11116	1.16227	1.07455	1.03359	.63039
1.400	-4.438	1.18978	1.24821	1.13948	1.07169	.71802	1.11767	1.16941	1.07980	1.03778	.63280
1.400	-3.932	1.19569	1.25503	1.14411	1.07713	.72047	1.12389	1.17603	1.08493	1.04323	.63554
1.401	-3.429	1.20066	1.26099	1.14823	1.08018	.72274	1.12945	1.18212	1.08950	1.04806	.63796
1.400	-2.924	1.20565	1.26689	1.15232	1.08278	.72477	1.13512	1.18857	1.09436	1.05146	.64027
1.400	-2.409	1.20858	1.27111	1.15521	1.08436	.72720	1.13860	1.19265	1.09700	1.05383	.64134
1.400	-1.901	1.21226	1.27678	1.16067	1.08560	.72979	1.14300	1.19797	1.10076	1.05775	.64390
1.400	-1.394	1.21365	1.28009	1.16287	1.08283	.72653	1.14521	1.20025	1.10220	1.05885	.64392
1.400	-.878	1.21601	1.28355	1.16512	1.08320	.72738	1.14778	1.20349	1.10473	1.06033	.64613
1.400	-.371	1.21692	1.28517	1.16537	1.08210	.72582	1.14972	1.20459	1.10613	1.06075	.64678
1.400	.116	1.21644	1.28594	1.16603	1.08079	.72474	1.15033	1.20443	1.10681	1.06037	.64801
1.400	.618	1.21672	1.28715	1.16702	1.08017	.72377	1.15123	1.20600	1.10845	1.06041	.64891
1.400	1.114	1.21445	1.28624	1.16657	1.07833	.72178	1.15001	1.20740	1.10836	1.05929	.64881
	GRADIENT	.00521	.00767	.00547	.00134	.00107	.00651	.00730	.00553	.00445	.00306

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(SCM052) (03 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	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
1.450	-6.946	1.14735	1.21229	1.11172	1.05892	.70996	1.06651	1.12857	1.04893	1.00296	.61900
1.450	-6.426	1.15483	1.22128	1.11719	1.06124	.71275	1.07473	1.13823	1.05551	1.01348	.62182
1.450	-5.924	1.16313	1.23059	1.12468	1.06486	.71669	1.08309	1.14732	1.06183	1.02310	.62498
1.450	-5.415	1.16870	1.23857	1.13089	1.06772	.71877	1.09042	1.15575	1.06823	1.03029	.62834
1.450	-4.912	1.17474	1.24722	1.13678	1.06974	.72092	1.09594	1.16285	1.07344	1.03473	.63049
1.450	-4.399	1.18266	1.25536	1.14231	1.07408	.72381	1.10319	1.17039	1.07879	1.04000	.63294
1.450	-3.889	1.18824	1.26255	1.14749	1.07983	.72646	1.10880	1.17827	1.08456	1.04587	.63598
1.450	-3.380	1.19297	1.26815	1.15145	1.08294	.72932	1.11365	1.18471	1.08987	1.04999	.63830
1.449	-2.864	1.19561	1.27102	1.15245	1.08285	.72880	1.11704	1.18884	1.09229	1.05128	.63809
1.450	-2.351	1.19855	1.27671	1.15735	1.08587	.73076	1.12136	1.19494	1.09727	1.05594	.64087
1.450	-1.828	1.20095	1.28220	1.16233	1.08554	.73151	1.12485	1.19933	1.10104	1.05936	.64297
1.450	-1.305	1.20400	1.28842	1.16663	1.08474	.73232	1.12874	1.20326	1.10426	1.06197	.64483
1.449	-.778	1.20597	1.29218	1.16759	1.08326	.73133	1.13119	1.20581	1.10597	1.06276	.64607
1.450	-.261	1.20649	1.29399	1.16719	1.08139	.73015	1.13333	1.20617	1.10696	1.06269	.64759
1.450	.230	1.20752	1.29608	1.16883	1.08094	.72983	1.13652	1.20755	1.10841	1.06295	.65067
1.450	.724	1.20591	1.29604	1.16919	1.07923	.72748	1.13702	1.20856	1.10943	1.06238	.65230
1.450	1.200	1.20282	1.29548	1.16982	1.07857	.72586	1.13626	1.21040	1.11050	1.06230	.65377
GRADIENT		.00460	.00814	.00542	.00084	.00076	.00662	.00751	.00597	.00443	.00367

RUN NO. 1644/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
1.470	-6.949	1.11593	1.19276	1.09248	1.04090	.69428	1.03330	1.11202	1.03124	.98716	.60120
1.471	-6.430	1.12328	1.20353	1.09933	1.04317	.69772	1.04108	1.12200	1.03854	.99751	.60555
1.471	-5.929	1.13118	1.21386	1.10638	1.04600	.70082	1.04935	1.13297	1.04680	1.00924	.60905
1.470	-5.425	1.13667	1.22029	1.11087	1.04736	.70192	1.05587	1.14088	1.05242	1.01561	.61088
1.470	-4.917	1.14272	1.22841	1.11710	1.05129	.70490	1.06257	1.14904	1.05886	1.02152	.61406
1.470	-4.411	1.14803	1.23542	1.12181	1.05503	.70692	1.06812	1.15556	1.06346	1.02647	.61630
1.470	-3.902	1.15291	1.24194	1.12654	1.06041	.70921	1.07336	1.16145	1.06799	1.03060	.61871
1.470	-3.393	1.15763	1.24844	1.13096	1.06357	.71153	1.07796	1.16765	1.07274	1.03375	.62070
1.471	-2.874	1.16249	1.25406	1.13391	1.06553	.71415	1.08364	1.17370	1.07732	1.03755	.62313
1.470	-2.359	1.16330	1.25801	1.13691	1.06481	.71514	1.08573	1.17790	1.08001	1.04027	.62435
1.471	-1.842	1.16686	1.26304	1.14129	1.06432	.71698	1.09008	1.18241	1.08369	1.04367	.62711
1.470	-1.320	1.16734	1.26548	1.14266	1.06260	.71664	1.09075	1.18402	1.08462	1.04416	.62773
1.470	-.798	1.16826	1.26788	1.14438	1.06270	.71624	1.09257	1.18722	1.08677	1.04553	.62998
1.470	-.282	1.16750	1.26890	1.14417	1.06104	.71344	1.09357	1.18661	1.08703	1.04484	.63094
1.470	.210	1.16862	1.27129	1.14678	1.06132	.71216	1.09687	1.18875	1.08935	1.04556	.63412
1.470	.705	1.16666	1.27099	1.14621	1.05891	.70893	1.09742	1.18971	1.09010	1.04436	.63595
1.470	1.187	1.16459	1.27039	1.14595	1.05695	.70741	1.09756	1.19199	1.09110	1.04443	.63823
GRADIENT		.00358	.00692	.00476	.00045	.00053	.00559	.00674	.00514	.00366	.00378

(SCM052) (03 OCT 91)

IA310 (AEDC 16TF-783) PROBE CALIBRATION

PARAMETRIC DATA

BETA = 1.500 PHI = 180.000

RUN NO. 1594/ O		GRADIENT INTERVAL = -5.00/ 5.00									
RN/L = 2.50		CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4	
MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
1.493	-6.952	1.07266	1.18628	1.08333	1.03179	.68831	.98562	1.10544	1.02430	.98459	.59942
1.493	-6.438	1.07686	1.19715	1.09047	1.03295	.69182	.99041	1.11537	1.03166	.99515	.60314
1.493	-5.932	1.07608	1.20280	1.09298	1.03224	.69271	.98883	1.12126	1.03540	1.00217	.60404
1.493	-5.429	1.07848	1.21387	1.10181	1.03747	.69736	.99114	1.13233	1.04454	1.01202	.60905
1.493	-4.921	1.07980	1.22230	1.10775	1.04094	.70033	.99252	1.14043	1.05051	1.01687	.61216
1.493	-4.416	1.07888	1.23018	1.11297	1.04536	.70249	.99118	1.14678	1.05501	1.02094	.61407
1.493	-3.907	1.07885	1.23794	1.11824	1.05115	.70467	.99111	1.15362	1.06007	1.02517	.61669
1.493	-3.399	1.07552	1.24356	1.12019	1.05220	.70554	.98816	1.15935	1.06394	1.02753	.61836
1.493	-2.886	1.07323	1.24878	1.12233	1.05247	.70733	.98596	1.16548	1.06812	1.03145	.62036
1.493	-2.367	1.06955	1.25234	1.12535	1.05128	.70828	.98305	1.17092	1.07128	1.03420	.62200
1.493	-1.856	1.06555	1.25570	1.12858	1.05011	.70896	.97985	1.17629	1.07443	1.03704	.62377
1.493	-1.331	1.06230	1.25801	1.13055	1.05006	.70907	.97658	1.18003	1.07674	1.03870	.62534
1.493	-.811	1.06006	1.26035	1.13257	1.05034	.70823	.97583	1.18155	1.07872	1.03959	.62657
1.492	-.298	1.05900	1.26220	1.13417	1.04997	.70709	.97619	1.18138	1.08018	1.03970	.62791
1.492	.194	1.05680	1.26297	1.13454	1.04858	.70503	.97653	1.18128	1.08082	1.03887	.62948
1.493	.691	1.05750	1.26311	1.13435	1.04669	.70310	.97986	1.18245	1.08198	1.03819	.63039
1.493	1.173	1.05830	1.26372	1.13453	1.04520	.70139	.98276	1.18607	1.08388	1.03871	.63192
GRADIENT		-.00439	.00644	.00431	.00011	.00020	-.00255	.00721	.00531	.00355	.00318

RUN NO. 1610/ O		GRADIENT INTERVAL = -5.00/ 5.00									
RN/L = 2.49		CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4	
MACH	ALPHA	CPR	CPC7	CPC8	CPC9 <td>CPO3</td> <td>CPL</td> <td>CPC10</td> <td>CPC11</td> <td>CPC12</td> <td>CPO4</td>	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
1.516	-6.957	.97361	1.18936	1.08608	1.03629	.69180	.87448	1.10481	1.02424	.98800	.60224
1.516	-6.438	.96214	1.20008	1.09329	1.03831	.69486	.86435	1.11461	1.03105	.99891	.60573
1.516	-5.933	.95492	1.20760	1.09799	1.03842	.69611	.85698	1.12144	1.03527	1.00613	.60736
1.516	-5.429	.95483	1.21900	1.10571	1.04172	.70030	.85680	1.13180	1.04277	1.01336	.61162
1.516	-4.921	.95506	1.22663	1.11015	1.04483	.70310	.85730	1.13987	1.04845	1.01720	.61432
1.516	-4.415	.94365	1.23137	1.11255	1.04761	.70384	.84521	1.14449	1.05119	1.01831	.61423
1.517	-3.908	.93551	1.24036	1.11849	1.05339	.70748	.83596	1.15388	1.05814	1.02438	.61807
1.517	-3.400	.92712	1.24908	1.12265	1.05672	.70993	.82874	1.16316	1.06387	1.02974	.62107
1.516	-2.882	.91902	1.25584	1.12705	1.05746	.71075	.82272	1.17039	1.06749	1.03295	.62242
1.516	-2.372	.91485	1.26258	1.13193	1.05694	.71170	.82087	1.17799	1.07107	1.03604	.62399
1.516	-1.852	.91275	1.26848	1.13588	1.05692	.71242	.82029	1.18459	1.07484	1.03906	.62593
1.516	-1.332	.91126	1.27153	1.13708	1.05621	.71188	.81961	1.18837	1.07719	1.04021	.62705
1.516	-.811	.90851	1.27408	1.13840	1.05557	.71165	.81826	1.19035	1.07947	1.04098	.62847
1.516	-.296	.90514	1.27612	1.13943	1.05396	.70969	.81856	1.18993	1.08164	1.04108	.62997
1.516	.195	.90202	1.27677	1.13941	1.05173	.70655	.81981	1.18648	1.08126	1.03908	.63140
1.516	.689	.90162	1.27643	1.13958	1.05040	.70428	.82251	1.18850	1.08361	1.03954	.63260
1.516	1.173	.90380	1.27662	1.14026	1.04988	.70286	.82706	1.19550	1.08660	1.04088	.63398
GRADIENT		-.00799	.00859	.00515	.00027	-.00001	-.00432	.00874	.00610	.00389	.00328

IA310 (AEDC 16TF-783) PROBE CALIBRATION (SCM052) (03 OCT 91)

PARAMETRIC DATA

BETA = 1.500 PHI = 180.000

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPC3	CPL	CPC10	CPC11	CPC12	CPC4
1.542	-6.952	.79870	1.18826	1.08115	1.02895	.68618	.70299	1.10679	1.02142	.98797	.60392
1.542	-6.433	.80095	1.19919	1.08768	1.03146	.68976	.70863	1.11974	1.03004	.99446	.60755
1.542	-5.932	.80232	1.20954	1.09322	1.03742	.69300	.71191	1.13251	1.03744	1.00131	.61041
1.542	-5.429	.80333	1.21902	1.09639	1.04020	.69524	.71517	1.14510	1.04378	1.00823	.61288
1.542	-4.926	.80608	1.22841	1.09883	1.04050	.69703	.72102	1.15760	1.04913	1.01402	.61482
1.542	-4.416	.81166	1.24032	1.10515	1.04360	.70084	.72900	1.17089	1.05554	1.02067	.61793
1.542	-3.906	.82066	1.25238	1.11085	1.04584	.70294	.74123	1.18429	1.06129	1.02597	.62014
1.541	-3.400	.83457	1.26491	1.11623	1.04746	.70394	.75944	1.19618	1.06710	1.03110	.62176
1.542	-2.882	.86466	1.28286	1.12398	1.05058	.70567	.79518	1.18687	1.07512	1.03701	.62382
1.542	-2.367	.90207	1.30755	1.13213	1.05358	.70746	.83838	1.13257	1.08327	1.03941	.62609
1.541	-1.853	.92063	1.32578	1.13667	1.05284	.70772	.85938	1.09410	1.08307	1.03712	.62727
1.541	-1.332	.93537	1.33875	1.14127	1.05450	.70871	.87527	1.07544	1.07946	1.03358	.62904
1.541	-.811	.94574	1.34483	1.14462	1.05565	.70932	.88776	1.06677	1.07424	1.02883	.63004
1.541	-.296	.95321	1.34369	1.14720	1.05561	.70896	.89763	1.06593	1.07342	1.02747	.63195
1.541	.195	.95900	1.34104	1.14922	1.05507	.70816	.90544	1.06982	1.07645	1.02988	.63418
1.541	.690	.95877	1.33555	1.14802	1.05181	.70454	.90733	1.06749	1.07819	1.03014	.63250
1.541	1.172	.95832	1.33190	1.14701	1.04944	.70267	.90839	1.06948	1.08091	1.03194	.63181
	GRADIENT	.02966	.01987	.00862	.00181	.00105	.03564	-.02363	.00407	.00148	.00398

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(SCM053) (03 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	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
.600	-6.923	.78131	.82068	.74355	.69459	.32667	.68126	.71908	.64795	.58575	.19493
.599	-6.410	.79461	.83335	.75236	.70065	.33043	.69486	.73167	.65705	.59905	.19954
.599	-5.903	.80851	.84691	.76238	.70840	.33688	.70832	.74479	.66685	.61263	.20593
.599	-5.396	.81874	.85669	.76859	.71140	.33967	.71899	.75455	.67394	.62489	.20910
.600	-4.888	.83073	.86798	.77706	.71773	.34502	.73115	.76578	.68265	.63598	.21463
.600	-4.378	.83994	.87767	.78464	.72270	.34959	.74101	.77952	.69035	.64370	.21988
.600	-3.864	.84755	.88544	.79022	.72730	.35293	.74940	.78311	.69608	.64942	.22357
.600	-3.356	.85537	.89344	.79600	.73191	.35522	.75717	.79009	.70145	.65486	.22569
.600	-2.837	.86345	.90215	.80295	.73674	.35905	.76600	.79871	.70849	.66266	.23013
.600	-2.315	.86731	.90646	.80631	.73832	.35991	.77129	.80409	.71282	.66752	.23286
.600	-1.797	.87039	.91015	.80897	.73884	.36024	.77560	.80821	.71600	.66955	.23493
.600	-1.273	.87425	.91497	.81255	.74040	.36111	.78088	.81434	.72055	.67367	.23804
.600	-.756	.87619	.91798	.81437	.74043	.36049	.78452	.81760	.72351	.67576	.23936
.600	-.239	.87475	.91739	.81278	.73687	.35801	.78557	.81823	.72415	.67523	.23996
.600	.251	.87582	.91985	.81484	.73754	.35732	.78895	.81919	.72531	.67624	.24249
.600	.753	.87280	.91999	.81293	.73423	.35408	.78755	.82093	.72650	.67409	.24261
.600	1.235	.87304	.91956	.81438	.73380	.35315	.78930	.82264	.72839	.67532	.24450
	GRADIENT	.00668	.00816	.00583	.00236	.00109	.00935	.00906	.00727	.00632	.00466

RUN NO. 1470/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
.800	-6.946	.86392	.90113	.82013	.77041	.39184	.76846	.80389	.73011	.67043	.26114
.800	-6.433	.87537	.91265	.82802	.77570	.39557	.78123	.81598	.73970	.68247	.26736
.800	-5.930	.88718	.92488	.83680	.78225	.40068	.79367	.82804	.74901	.69515	.27312
.800	-5.424	.89705	.93495	.84381	.78520	.40468	.80411	.83800	.75656	.70635	.27783
.800	-4.919	.90706	.94533	.85097	.78978	.40854	.81406	.84775	.76357	.71617	.28205
.800	-4.411	.91578	.95454	.85785	.79489	.41209	.82264	.85633	.76982	.72292	.28531
.800	-3.907	.92295	.96223	.86366	.80016	.41585	.83040	.86357	.77542	.72868	.28905
.800	-3.391	.92985	.96992	.86957	.80497	.41886	.83768	.87070	.78091	.73477	.29196
.800	-2.882	.93507	.97582	.87401	.80746	.42090	.84377	.87661	.78548	.74043	.29464
.800	-2.369	.93974	.98172	.87847	.81026	.42325	.84931	.88253	.79077	.74403	.29814
.800	-1.855	.94361	.98636	.88229	.81168	.42408	.85417	.88802	.79466	.74779	.30071
.800	-1.340	.94650	.99025	.88531	.81243	.42433	.85784	.89222	.79740	.75089	.30225
.800	-.826	.94892	.99370	.88878	.81303	.42455	.86149	.89558	.80045	.75330	.30406
.800	-.319	.94942	.99513	.88841	.81191	.42370	.86312	.89731	.80168	.75340	.30505
.800	.174	.94925	.99627	.88917	.81111	.42233	.86429	.89616	.80154	.75184	.30628
.800	.677	.94784	.99567	.88856	.80896	.42011	.86395	.89718	.80270	.75116	.30643
.800	1.167	.94637	.99540	.88825	.80711	.41799	.86354	.89848	.80262	.75027	.30663
	GRADIENT	.00643	.00824	.00617	.00273	.00158	.00821	.00829	.00651	.00570	.00415

IA310 (AEDC 16TF-783) PROBE CALIBRATION (SCM053) (03 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	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
.899	-6.941	.92199	.95806	.87703	.82716	.45428	.83152	.86529	.79321	.73492	.33073
.900	-6.424	.93364	.97034	.88602	.83372	.45965	.84349	.87722	.80133	.74633	.33659
.900	-5.920	.94427	.98135	.89364	.83938	.46353	.85448	.88787	.80941	.75783	.34093
.900	-5.411	.95381	.99139	.90096	.84259	.46793	.86392	.89702	.81631	.76800	.34493
.900	-4.911	.96224	1.00017	.90706	.84588	.47108	.87293	.90601	.82328	.77710	.34935
.900	-4.400	.97058	1.00886	.91355	.85106	.47464	.88136	.91424	.82949	.78383	.35298
.900	-3.890	.97728	1.01662	.91891	.85636	.47773	.88834	.92098	.83452	.78924	.35550
.900	-3.382	.98304	1.02288	.92352	.85981	.47998	.89459	.92702	.83901	.79416	.35812
.900	-2.874	.98870	1.02968	.92883	.86292	.48274	.90074	.93321	.84441	.80011	.36112
.900	-2.354	.99267	1.03444	.93217	.86482	.48381	.90583	.93846	.84871	.80277	.36364
.900	-1.843	.99647	1.03921	.93639	.86657	.48498	.91055	.94381	.85257	.80650	.36619
.900	-1.326	.99909	1.04289	.93925	.86709	.48533	.91407	.94782	.85490	.80933	.36793
.900	-.811	1.00055	1.04524	.94085	.86688	.48491	.91682	.95027	.85709	.81136	.36937
.900	-.303	1.00115	1.04696	.94168	.86614	.48437	.91876	.95233	.85896	.81148	.37079
.900	.189	1.00034	1.04726	.94182	.86468	.48234	.91932	.95025	.85751	.80936	.37108
.900	.691	1.00011	1.04816	.94271	.86383	.48127	.92002	.95285	.86038	.80977	.37201
.900	1.181	.99813	1.04743	.94179	.86176	.47914	.91916	.95342	.85991	.80879	.37249
GRADIENT		.00583	.00772	.00574	.00240	.00129	.00764	.00771	.00602	.00520	.00383

RUN NO. 1510/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
1.099	-6.983	1.06247	1.09581	1.01952	.97223	.63117	.98446	1.01616	.94829	.89525	.52767
1.100	-6.469	1.07253	1.10647	1.02716	.97794	.63568	.99502	1.02641	.95603	.90516	.53202
1.100	-5.966	1.08194	1.11614	1.03388	.98305	.63909	1.00459	1.03586	.96310	.91547	.53562
1.100	-5.464	1.08954	1.12476	1.03987	.98503	.64210	1.01313	1.04412	.96950	.92472	.53917
1.100	-4.962	1.09846	1.13396	1.04672	.98940	.64598	1.02208	1.05284	.97619	.93322	.54318
1.100	-4.465	1.10513	1.14113	1.05193	.99331	.64871	1.02873	1.05952	.98107	.93839	.54588
1.100	-3.960	1.11059	1.14715	1.05590	.99708	.65070	1.03417	1.06479	.98472	.94250	.54735
1.100	-3.455	1.11643	1.15407	1.06132	1.00128	.65360	1.04034	1.07080	.98968	.94770	.55013
1.100	-2.954	1.12155	1.15997	1.06562	1.00390	.65579	1.04589	1.07639	.99409	.95191	.55249
1.100	-2.451	1.12582	1.16503	1.06951	1.00624	.65738	1.05058	1.08153	.99796	.95509	.55457
1.100	-1.947	1.12879	1.16901	1.07294	1.00775	.65856	1.05406	1.08538	1.00094	.95792	.55637
1.100	-1.446	1.13149	1.17270	1.07592	1.00856	.65898	1.05729	1.08952	1.00368	.96050	.55782
1.100	-.940	1.13360	1.17580	1.07833	1.00907	.65960	1.05982	1.09159	1.00551	.96225	.55913
1.100	-.445	1.13393	1.17721	1.07910	1.00863	.65882	1.06052	1.09264	1.00568	.96130	.55884
1.100	.045	1.13522	1.17927	1.08103	1.00883	.65889	1.06165	1.09083	1.00594	.96054	.55917
1.100	.556	1.13520	1.18023	1.08225	1.00889	.65860	1.06131	1.09073	1.00634	.95954	.55909
1.100	1.060	1.13374	1.18013	1.08207	1.00754	.65724	1.06026	1.09301	1.00571	.95799	.55853
GRADIENT		.00594	.00777	.00602	.00294	.00191	.00654	.00663	.00509	.00431	.00272

IA310 (AEDC 16TF-783) PROBE CALIBRATION (SCM053) (03 OCT 91)

PARAMETRIC DATA

BETA = 2.000 PHI = 180.000

RUN NO. 1526/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
1.250	-6.957	1.13734	1.17444	1.09274	1.04351	70000	1.05416	1.08971	1.01785	.96635	.59230
1.250	-6.440	1.14682	1.18484	1.09991	1.04864	70393	1.06383	1.09899	1.02485	.97601	.59580
1.250	-5.934	1.15652	1.19548	1.10743	1.05305	70817	1.07337	1.10883	1.03214	.98646	.59987
1.250	-5.430	1.16381	1.20296	1.11219	1.05609	71008	1.08208	1.11731	1.03851	.99551	.60349
1.250	-4.925	1.17069	1.21063	1.11814	1.05909	71313	1.08901	1.12403	1.04349	1.00108	.60617
1.250	-4.420	1.17684	1.21792	1.12363	1.06251	71577	1.09588	1.13101	1.04895	1.00691	.60958
1.250	-3.916	1.18337	1.22490	1.12851	1.06759	71852	1.10206	1.13684	1.05357	1.01141	.61225
1.250	-3.403	1.18837	1.23069	1.13281	1.07037	72079	1.10712	1.14223	1.05764	1.01584	.61473
1.250	-2.896	1.19276	1.23589	1.13684	1.07219	72201	1.11208	1.14716	1.06090	1.01912	.61613
1.250	-2.387	1.19686	1.24111	1.14054	1.07452	72362	1.11728	1.15294	1.06513	1.02281	.61882
1.250	-1.874	1.19984	1.24522	1.14422	1.07563	72419	1.12110	1.15707	1.06816	1.02546	.62056
1.250	-1.365	1.20177	1.24832	1.14646	1.07523	72484	1.12370	1.16015	1.07025	1.02749	.62178
1.250	-.853	1.20396	1.25154	1.14898	1.07583	72484	1.12664	1.16331	1.07290	1.02919	.62390
1.250	-.349	1.20554	1.25382	1.15051	1.07610	72455	1.12885	1.16489	1.07452	1.02970	.62495
1.250	.139	1.20496	1.25450	1.15098	1.07496	72330	1.12906	1.16331	1.07366	1.02782	.62517
1.250	.644	1.20373	1.25449	1.15139	1.07414	72173	1.12838	1.16337	1.07442	1.02701	.62503
1.250	1.138	1.20318	1.25525	1.15220	1.07358	72091	1.12865	1.16619	1.07515	1.02696	.62587
GRADIENT		.00537	.00735	.00561	.00217	.00123	.00661	.00682	.00519	.00421	.00322

RUN NO. 1543/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
1.400	-6.961	1.16211	1.21301	1.11942	1.06588	.71552	1.06717	1.11732	1.03718	.98305	.60460
1.400	-6.443	1.17112	1.22332	1.12618	1.07100	.71914	1.07707	1.12831	1.04559	1.00053	.60929
1.400	-5.938	1.17929	1.23288	1.13307	1.07328	.72267	1.08608	1.13742	1.05252	1.01114	.61298
1.400	-5.435	1.18593	1.24143	1.13892	1.07671	.72499	1.09377	1.14467	1.05812	1.01893	.61554
1.400	-4.931	1.19362	1.25080	1.14595	1.08003	.72842	1.10183	1.15275	1.06425	1.02506	.61882
1.400	-4.431	1.20029	1.25843	1.15095	1.08411	.73104	1.10860	1.15984	1.06959	1.02899	.62166
1.400	-3.920	1.20536	1.26468	1.15514	1.08859	.73319	1.11380	1.16573	1.07388	1.03319	.62353
1.400	-3.416	1.21155	1.27136	1.16018	1.09189	.73581	1.11986	1.17199	1.07853	1.03771	.62562
1.400	-2.903	1.21590	1.27638	1.16339	1.09400	.73739	1.12540	1.17803	1.08321	1.04136	.62811
1.400	-2.397	1.21791	1.27968	1.16544	1.09479	.73757	1.12855	1.18203	1.08598	1.04349	.62909
1.400	-1.890	1.22111	1.28497	1.17080	1.09633	.73895	1.13286	1.18770	1.09001	1.04755	.63162
1.400	-1.377	1.22358	1.28887	1.17450	1.09576	.73966	1.13641	1.19102	1.09269	1.04932	.63336
1.400	-.867	1.22432	1.29184	1.17650	1.09535	.73924	1.13793	1.19370	1.09447	1.05013	.63431
1.400	-.364	1.22583	1.29439	1.17776	1.09531	.73850	1.14018	1.19451	1.09630	1.05087	.63518
1.400	.127	1.22568	1.29549	1.17870	1.09457	.73772	1.14077	1.19342	1.09611	1.04963	.63619
1.400	.630	1.22480	1.29571	1.17890	1.09310	.73648	1.14058	1.19397	1.09771	1.04957	.63659
1.400	1.128	1.22404	1.29521	1.17928	1.09202	.73500	1.14063	1.19751	1.09822	1.04910	.63691
GRADIENT		.00491	.00745	.00567	.00168	.00108	.00646	.00715	.00561	.00409	.00303

IA310 (AEDC 16TF-783) PROBE CALIBRATION (SCM053) (03 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	CPR	CPC7	CPC8	CPC9	CPC03	CPL	CPC10	CPC11	CPC12	CPO4
1.450	-6.926	1.15836	1.22272	1.12317	1.06980	.72230	1.05706	1.11890	1.03826	.99458	.60708
1.450	-6.412	1.16610	1.23226	1.12955	1.07291	.72571	1.06457	1.12844	1.04511	1.00500	.61014
1.450	-5.899	1.17276	1.23926	1.13471	1.07494	.72773	1.07256	1.13705	1.05098	1.01401	.61295
1.450	-5.393	1.17980	1.24903	1.14266	1.07895	.73151	1.08049	1.14636	1.05793	1.02131	.61690
1.449	-4.889	1.18479	1.25663	1.14815	1.08099	.73295	1.08632	1.15260	1.06241	1.02516	.61858
1.449	-4.381	1.19263	1.26547	1.15387	1.08610	.73603	1.09339	1.16005	1.06766	1.03016	.62124
1.450	-3.867	1.19852	1.27228	1.15883	1.09143	.73922	1.09813	1.16732	1.07309	1.03567	.62380
1.450	-3.354	1.20348	1.27715	1.16178	1.09290	.74033	1.10353	1.17300	1.07708	1.03876	.62528
1.450	-2.838	1.20626	1.28092	1.16374	1.09422	.74145	1.10698	1.17847	1.08108	1.04127	.62693
1.450	-2.321	1.21036	1.28628	1.16877	1.09703	.74341	1.11249	1.18518	1.08634	1.04631	.62955
1.450	-1.801	1.21226	1.29112	1.17375	1.09749	.74407	1.11626	1.19032	1.09013	1.04904	.63165
1.450	-1.283	1.21323	1.29590	1.17739	1.09583	.74389	1.11833	1.19335	1.09254	1.05103	.63299
1.449	-.763	1.21450	1.29986	1.17935	1.09532	.74313	1.12089	1.19578	1.09434	1.05187	.63421
1.451	-.252	1.21612	1.30343	1.18116	1.09570	.74379	1.12386	1.19637	1.09681	1.05333	.63688
1.450	.240	1.21539	1.30421	1.18190	1.09437	.74185	1.12488	1.19556	1.09582	1.05139	.63785
1.449	.738	1.21317	1.30390	1.18199	1.09288	.73963	1.12417	1.19547	1.09725	1.05095	.63877
1.450	1.223	1.21197	1.30270	1.18194	1.09186	.73807	1.12475	1.19943	1.09863	1.05132	.64031
GRADIENT		.00421	.00777	.00574	.00130	.00080	.00630	.00735	.00589	.00423	.00351

RUN NO. 1645/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPC03	CPL	CPC10	CPC11	CPC12	CPO4
1.470	-6.935	1.12699	1.20306	1.10356	1.05158	.70662	1.02345	1.10234	1.02054	.97917	.59014
1.470	-6.417	1.13619	1.21500	1.11198	1.05588	.71084	1.03248	1.11293	1.02869	.99035	.59459
1.470	-5.911	1.14067	1.22290	1.11675	1.05686	.71223	1.03729	1.12153	1.03462	.99948	.59682
1.471	-5.403	1.14983	1.23221	1.12394	1.06068	.71552	1.04675	1.13135	1.04195	1.00702	.59998
1.470	-4.897	1.15387	1.23848	1.12842	1.06284	.71707	1.05228	1.13904	1.04785	1.01188	.60244
1.484	-4.389	1.15923	1.24561	1.13331	1.06739	.71957	1.05816	1.14551	1.05307	1.01685	.60499
1.485	-3.881	1.16361	1.25215	1.13862	1.07261	.72254	1.06283	1.15133	1.05752	1.02116	.60725
1.484	-3.365	1.16803	1.25801	1.14249	1.07474	.72445	1.06753	1.15680	1.06136	1.02384	.60887
1.484	-2.855	1.17241	1.26400	1.14571	1.07676	.72650	1.07233	1.16274	1.06592	1.02729	.61106
1.470	-2.336	1.17441	1.26690	1.14768	1.07572	.72712	1.07605	1.16729	1.06848	1.02953	.61228
1.484	-1.821	1.17588	1.27079	1.15126	1.07438	.72757	1.07940	1.17221	1.06848	1.02953	.61449
1.471	-1.304	1.17814	1.27480	1.15449	1.07419	.72857	1.08234	1.17622	1.07494	1.03501	.61703
1.470	-.785	1.17871	1.27728	1.15582	1.07385	.72775	1.08389	1.17860	1.07680	1.03594	.61852
1.469	-.274	1.17815	1.27773	1.15586	1.07257	.72547	1.08493	1.17650	1.07692	1.03489	.61899
1.470	.219	1.17913	1.28005	1.15831	1.07333	.72463	1.08764	1.17754	1.07780	1.03459	.62219
1.470	.719	1.17630	1.27918	1.15733	1.07062	.72110	1.08642	1.17671	1.07781	1.03254	.62242
1.470	1.206	1.17582	1.27955	1.15798	1.06957	.71997	1.08801	1.18153	1.07964	1.03317	.62479
GRADIENT		.00351	.00667	.00477	.00049	.00044	.00578	.00663	.00507	.00340	.00356

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(SCM053) (03 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	CPR	CPC7	CPC8	CPC9	CPC3	CPL	CPC10	CPC11	CPC12	CPO4
1.493	-6.939	1.08512	1.19731	1.09510	1.04230	.70089	.97555	1.09574	1.01385	.97675	.58821
1.493	-6.426	1.08894	1.20726	1.10234	1.04471	.70454	.98004	1.10548	1.02089	.98746	.59151
1.493	-5.914	1.09173	1.21609	1.10727	1.04665	.70710	.98272	1.11413	1.02726	.99617	.59450
1.493	-5.410	1.09330	1.22466	1.11352	1.04966	.71022	.98391	1.12326	1.03413	1.00302	.59787
1.493	-4.904	1.09162	1.23222	1.11890	1.05228	.71230	.98220	1.13053	1.03957	1.00717	.60017
1.493	-4.395	1.09268	1.24113	1.12546	1.05819	.71550	.98253	1.13798	1.04541	1.01215	.60307
1.493	-3.887	1.09277	1.24785	1.12983	1.06258	.71712	.98275	1.14365	1.04947	1.01600	.60491
1.493	-3.373	1.09163	1.25427	1.13276	1.06409	.71845	.98160	1.14950	1.05341	1.01828	.60616
1.493	-2.863	1.08917	1.25904	1.13426	1.06439	.71973	.97975	1.15556	1.05726	1.02142	.60802
1.493	-2.350	1.08422	1.26106	1.13592	1.06228	.71938	.97582	1.16049	1.05976	1.02351	.60926
1.493	-1.832	1.08025	1.26555	1.14022	1.06168	.72079	.97209	1.16768	1.06411	1.02756	.61203
1.493	-1.314	1.07918	1.26826	1.14246	1.06153	.72090	.97176	1.17194	1.06684	1.02959	.61366
1.493	-.797	1.07741	1.27023	1.14412	1.06187	.72028	.97142	1.17271	1.06919	1.03072	.61518
1.493	-.289	1.07344	1.27139	1.14518	1.06147	.71922	.96844	1.17080	1.06954	1.02977	.61583
1.493	.202	1.07488	1.27286	1.14681	1.06123	.71812	.97204	1.17068	1.06999	1.02860	.61779
1.493	.705	1.07363	1.27343	1.14691	1.05958	.71642	.97283	1.17173	1.07176	1.02847	.61891
1.493	1.192	1.07370	1.27423	1.14718	1.05802	.71455	.97441	1.17516	1.07289	1.02820	.61933
1.493	GRADIENT	-.00385	.00641	.00440	.00024	.00030	-.00214	.00706	.00532	.00343	.00316

RUN NO. 1611/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPC3	CPL	CPC10	CPC11	CPC12	CPO4
1.516	-6.939	.98320	1.19887	1.09688	1.04593	.70263	.85920	1.09415	1.01267	.97945	.58942
1.516	-6.422	.97742	1.20788	1.10311	1.04766	.70514	.85466	1.10238	1.01817	.98897	.59215
1.516	-5.914	.96874	1.21903	1.11087	1.05140	.70922	.84560	1.11279	1.02564	.99906	.59680
1.516	-5.410	.96917	1.22870	1.11720	1.05319	.71253	.84588	1.12118	1.03120	1.00438	.59952
1.516	-4.897	.96418	1.23556	1.12100	1.05578	.71457	.84222	1.12940	1.03673	1.00786	.60239
1.516	-4.396	.96266	1.24288	1.12594	1.06108	.71763	.84003	1.13659	1.04194	1.01080	.60449
1.516	-3.887	.94985	1.25032	1.13098	1.06519	.72009	.82561	1.14421	1.04738	1.01502	.60692
1.516	-3.378	.94207	1.25769	1.13445	1.06780	.72181	.81723	1.15144	1.05113	1.01856	.60836
1.516	-2.863	.93604	1.26501	1.13901	1.06961	.72314	.81330	1.16018	1.05588	1.02281	.61063
1.516	-2.346	.92933	1.27059	1.14316	1.06830	.72354	.80950	1.16734	1.05903	1.02553	.61219
1.517	-1.834	.92520	1.27667	1.14728	1.06773	.72444	.80791	1.17440	1.06325	1.02892	.61450
1.516	-1.314	.92287	1.28061	1.14916	1.06732	.72432	.80781	1.17799	1.06603	1.03038	.61567
1.517	-.799	.92428	1.28357	1.15076	1.06733	.72407	.80985	1.17875	1.06905	1.03148	.61735
1.516	-.288	.92147	1.28482	1.15108	1.06529	.72126	.81020	1.17487	1.06922	1.03004	.61769
1.516	.203	.92408	1.28741	1.15363	1.06588	.72036	.81505	1.17463	1.06947	1.02871	.62023
1.517	.704	.92091	1.28684	1.15308	1.06439	.71788	.81486	1.17483	1.07094	1.02881	.62088
1.516	1.195	1.28598	1.28598	1.15262	1.06249	.71559	.81555	1.18073	1.07351	1.02890	.62128
1.516	GRADIENT	-.00724	.00862	.00534	.00050	.00011	-.00387	.00797	.00584	.00354	.00316

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(SCM053) (03 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	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
1.542	-6.938	.81375	1.19931	1.09392	1.04217	.69921	.69285	1.09739	1.01079	.98137	.59291
1.541	-6.426	.81313	1.20848	1.09903	1.04274	.70185	.69565	1.10896	1.01792	.98562	.59546
1.540	-5.921	.81390	1.21734	1.10396	1.04738	.70387	.69912	1.12119	1.02487	.99059	.59759
1.541	-5.410	.81705	1.22846	1.10960	1.05269	.70801	.70505	1.13569	1.03254	.99870	.60117
1.542	-4.902	.81916	1.23830	1.11306	1.05428	.71090	.71061	1.14971	1.03977	1.00618	.60490
1.542	-4.395	.82251	1.24788	1.11715	1.05544	.71304	.71724	1.16117	1.04492	1.01117	.60682
1.542	-3.887	.82895	1.25907	1.12291	1.05776	.71563	.72792	1.17349	1.05080	1.01642	.60914
1.542	-3.373	.83777	1.26989	1.12762	1.05896	.71702	.74055	1.18137	1.05587	1.02055	.61035
1.542	-2.863	.85435	1.28323	1.13420	1.06088	.71870	.76283	1.17722	1.06328	1.02659	.61278
1.542	-2.350	.88966	1.30188	1.14179	1.06376	.72001	.80387	1.13142	1.07109	1.02945	.61476
1.542	-1.828	.91669	1.32114	1.14718	1.06461	.72048	.83708	1.08435	1.07151	1.02743	.61650
1.542	-1.314	.93142	1.33599	1.15057	1.06500	.72046	.85470	1.06227	1.06548	1.02198	.61699
1.542	-.796	.94090	1.34636	1.15367	1.06622	.72089	.86570	1.05695	1.05938	1.01659	.61831
1.542	-.288	.94882	1.35181	1.15662	1.06704	.72122	.87535	1.05698	1.05752	1.01450	.62050
1.542	.204	.95302	1.35343	1.15789	1.06598	.72007	.88154	1.05939	1.05833	1.01437	.62140
1.542	.705	.95445	1.35177	1.15806	1.06428	.71789	.88467	1.06069	1.06090	1.01592	.62063
1.542	1.194	.95445	1.35063	1.15791	1.06239	.71640	.88646	1.06027	1.06456	1.01850	.62053
	GRADIENT	.02713	.02133	.00807	.00175	.00100	.03416	-.02352	.00270	.00047	.00276

(SCM054) (03 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	CPR	CPC7	CPC8	CPC9	CPC3	CPL	CPC10	CPC11	CPC12	CPO4
.600	-6.906	.79220	.83107	.75500	.70609	.34048	.67091	.70883	.63639	.57635	.18133
.599	-6.393	.80624	.84476	.76491	.71337	.34633	.68443	.72114	.64544	.58868	.18660
.599	-5.888	.81881	.85690	.77371	.71945	.35050	.69760	.73367	.65486	.60212	.19191
.600	-5.376	.82959	.86717	.78086	.72373	.35517	.70900	.74443	.66300	.61525	.19743
.599	-4.867	.84123	.87875	.78891	.72953	.35888	.72007	.75487	.67046	.62467	.20023
.600	-4.359	.85020	.88702	.79547	.73429	.36320	.72949	.76380	.67745	.63157	.20579
.600	-3.844	.85838	.89600	.80202	.73955	.36619	.73790	.77194	.68306	.63733	.20797
.600	-3.328	.86684	.90435	.80831	.74462	.37117	.74745	.78085	.69061	.64553	.21407
.600	-2.814	.87161	.90976	.81255	.74686	.37230	.75353	.78657	.69513	.65131	.21603
.600	-2.295	.87689	.91572	.81686	.74900	.37255	.75988	.79212	.70004	.65439	.21763
.600	-1.781	.88152	.92085	.82127	.75123	.37440	.76595	.79826	.70504	.65849	.22160
.600	-1.259	.88423	.92469	.82411	.75224	.37464	.77024	.80340	.70869	.66191	.22399
.601	-.743	.88492	.92626	.82479	.75127	.37382	.77321	.80513	.71079	.66337	.22603
.600	-.235	.88613	.92865	.82620	.75062	.37307	.77591	.80775	.71331	.66472	.22764
.600	.258	.88579	.92961	.82689	.75009	.37153	.77752	.80770	.71275	.66461	.22903
.600	.760	.88341	.92852	.82580	.74764	.36918	.77660	.80882	.71462	.66241	.22935
.600	1.250	.88248	.92848	.82569	.74593	.36645	.77713	.80955	.71476	.66203	.22932
	GRADIENT	.00662	.00812	.00599	.00256	.00117	.00937	.00890	.00730	.00621	.00477

RUN NO. 1471/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPC3	CPL	CPC10	CPC11	CPC12	CPO4
.800	-6.935	.87307	.90989	.82989	.78039	.40487	.75839	.79371	.71898	.66095	.24839
.800	-6.421	.88556	.92256	.83912	.78713	.40980	.77147	.80631	.72862	.67257	.25415
.800	-5.912	.89681	.93447	.84771	.79324	.41469	.78298	.81691	.73691	.68428	.25869
.800	-5.407	.90749	.94557	.85515	.79702	.41859	.79376	.82749	.74470	.69605	.26311
.800	-4.902	.91690	.95545	.86277	.80166	.42272	.80322	.83670	.75165	.70511	.26711
.801	-4.395	.92579	.96438	.86967	.80745	.42715	.81267	.84573	.75880	.71257	.27248
.800	-3.886	.93287	.97192	.87487	.81199	.42996	.81974	.85278	.76374	.71774	.27499
.800	-3.379	.93891	.97850	.87963	.81544	.43239	.82660	.85944	.76838	.72318	.27789
.800	-2.896	.94538	.98596	.88580	.81939	.43535	.83374	.86656	.77438	.72997	.28155
.800	-2.354	.94961	.99106	.88938	.82102	.43875	.83895	.87123	.77840	.73262	.28377
.800	-1.841	.95335	.99578	.89364	.82273	.43803	.84372	.87666	.78266	.73623	.28656
.800	-1.332	.95582	.99922	.89621	.82332	.43781	.84738	.88130	.78555	.73921	.28817
.800	-.819	.95763	1.00199	.89797	.82352	.43741	.85064	.88458	.78820	.74131	.28975
.800	-.312	.95864	1.00404	.89920	.82267	.43681	.85285	.88602	.79005	.74204	.29104
.800	.177	.95874	1.00571	.90079	.82308	.43637	.85390	.88504	.78978	.73977	.29259
.800	.686	.95700	1.00516	.90006	.82083	.43376	.85282	.88474	.79066	.73919	.29151
.800	1.179	.95520	1.00458	.89953	.81944	.43176	.85215	.88663	.79005	.73776	.29167
	GRADIENT	.00627	.00812	.00612	.00271	.00142	.00814	.00811	.00642	.00544	.00404

(SCM054) (03 OCT 91)

IA310 (AEDC 16TF-783) PROBE CALIBRATION

PARAMETRIC DATA

BETA = 2.500 PHI = 180.000

RUN NO. 1505/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
.897	-6.924	.92924	.96527	.88539	.83601	.46549	.81872	.85316	.77884	.72272	.31503
.901	-6.413	.94553	.98173	.89881	.84694	.47501	.83576	.86921	.79207	.73835	.32491
.900	-5.901	.95379	.99042	.90442	.85045	.47755	.84482	.87800	.79845	.74830	.32836
.900	-5.397	.96247	.99976	.91051	.85326	.48022	.85347	.88679	.80476	.75767	.33126
.899	-4.892	.97069	.91708	.85729	.81122	.48419	.86196	.89502	.81122	.76614	.33505
.900	-4.384	.97971	.92446	.86303	.81920	.48900	.87120	.90405	.81820	.77385	.33992
.900	-3.879	.98777	.93070	.86867	.82372	.49272	.87933	.91146	.82373	.77974	.34305
.901	-3.364	.99487	.93680	.87324	.82931	.49634	.88712	.91918	.82992	.78627	.34704
.900	-2.856	.99778	.93956	.87369	.83098	.49653	.89098	.92300	.83271	.78948	.34809
.899	-2.344	1.00153	.94274	.87540	.83531	.49682	.89531	.92766	.83654	.79218	.34950
.900	-1.830	1.00539	.94710	.87755	.84091	.49865	.90038	.93299	.84091	.79554	.35279
.900	-1.314	1.00766	.94981	.87844	.84403	.49913	.90393	.93768	.84403	.79840	.35486
.900	-.805	1.00975	.95190	.87875	.84653	.49899	.90724	.94068	.84653	.80049	.35646
.900	-.296	1.01026	.95292	.87772	.84799	.49806	.90894	.94179	.84795	.80099	.35730
.900	.193	1.00993	.95349	.87726	.84686	.49666	.90979	.94027	.84686	.79789	.35797
.900	.699	1.00936	.95392	.87611	.84889	.49539	.91016	.94191	.84889	.79871	.35865
.900	1.191	1.00783	.95413	.87512	.84876	.49418	.90960	.94289	.84876	.79818	.35927
	GRADIENT	.00580	.00768	.00585	.00253	.00130	.00767	.00763	.00606	.00500	.00380

RUN NO. 1511/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
1.099	-6.976	1.07070	1.10376	1.02837	.98135	.64276	.97503	1.00665	.93761	.88590	.51551
1.100	-6.465	1.08130	1.11475	1.03661	.98745	.64749	.98616	1.01746	.94605	.89652	.52053
1.100	-5.962	1.09012	1.12442	1.04356	.99278	.65123	.99532	1.02645	.95276	.90654	.52399
1.100	-5.457	1.09872	1.13360	1.04993	.99616	.65462	1.00426	1.03517	.95937	.91638	.52762
1.100	-4.961	1.10728	1.14263	1.05677	1.00055	.65846	1.01245	1.04300	.96533	.92365	.53073
1.100	-4.461	1.11392	1.15014	1.06221	1.00419	.66095	1.01983	1.05026	.97097	.92928	.53385
1.100	-3.954	1.11984	1.15660	1.06666	1.00832	.66374	1.02577	1.05598	.97518	.93383	.53587
1.100	-3.449	1.12493	1.16248	1.07099	1.01119	.66583	1.03095	1.06121	.97895	.93804	.53763
1.100	-2.948	1.12964	1.16794	1.07536	1.01356	.66772	1.03620	1.06636	.98318	.94253	.54005
1.100	-2.443	1.13385	1.17290	1.07910	1.01601	.66951	1.04089	1.07140	.98703	.94539	.54214
1.100	-1.943	1.13749	1.17758	1.08318	1.01801	.67074	1.04522	1.07571	.99048	.94790	.54407
1.100	-1.441	1.13934	1.18056	1.08571	1.01880	.67090	1.04750	1.07929	.99266	.94989	.54515
1.100	-.939	1.14103	1.18292	1.08750	1.01889	.67082	1.05002	1.08177	.99442	.95137	.54631
1.100	-.442	1.14243	1.18547	1.08947	1.01944	.67115	1.05163	1.08297	.99579	.95162	.54681
1.100	.050	1.14232	1.18639	1.09036	1.01872	.67034	1.05199	1.08031	.99525	.94989	.54677
1.100	.562	1.14257	1.18777	1.09183	1.01907	.67018	1.05186	1.08008	.99592	.94901	.54660
1.100	1.063	1.14109	1.18748	1.09160	1.01765	.66873	1.05056	1.08227	.99473	.94718	.54583
	GRADIENT	.00566	.00748	.00590	.00281	.00173	.00646	.00642	.00504	.00402	.00264

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(SCM054) (03 OCT 91)

PARAMETRIC DATA

BETA = 2.500 PHI = 180.000
 GRADIENT INTERVAL = -5.00/ 5.00
 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPC3	CPL	CPC10	CPC11	CPC12	CPO4
1.250	-6.945	1.14634	1.18300	1.10237	1.05341	.71222	1.04408	1.07952	1.00674	.95687	.57988
1.250	-6.431	1.15559	1.19318	1.10944	1.05828	.71568	1.05456	1.08987	1.01468	.96744	.58452
1.250	-5.924	1.16491	1.20365	1.11673	1.06243	.71931	1.06457	1.09948	1.02209	.97831	.58868
1.250	-5.417	1.17288	1.21221	1.12247	1.06589	.72230	1.07286	1.10807	1.02845	.98668	.59215
1.249	-4.916	1.17993	1.21947	1.12817	1.06937	.72501	1.08033	1.11540	1.03385	.99274	.59512
1.250	-4.408	1.18620	1.22654	1.13367	1.07356	.72784	1.08710	1.12174	1.03871	.99786	.59789
1.250	-3.898	1.19161	1.23321	1.13863	1.07757	.73058	1.09250	1.12725	1.04308	1.00214	.60048
1.250	-3.391	1.19688	1.23955	1.14334	1.08063	.73252	1.09788	1.13235	1.04693	1.00581	.60233
1.250	-2.882	1.20209	1.24529	1.14776	1.08317	.73472	1.10325	1.13806	1.05140	1.00996	.60513
1.250	-2.372	1.20577	1.24989	1.15089	1.08499	.73580	1.10805	1.14310	1.05504	1.01278	.60751
1.250	-1.868	1.20717	1.25218	1.15315	1.08487	.73521	1.11061	1.14623	1.05694	1.01461	.60843
1.250	-1.356	1.21091	1.25694	1.15711	1.08661	.73647	1.11521	1.15158	1.06065	1.01789	.61118
1.250	-.848	1.21211	1.25925	1.15871	1.08627	.73593	1.11741	1.15375	1.06220	1.01910	.61209
1.250	-.343	1.21298	1.26130	1.16012	1.08636	.73560	1.11896	1.15432	1.06358	1.01930	.61297
1.250	.146	1.21306	1.26253	1.16151	1.08623	.73491	1.11988	1.15301	1.06268	1.01702	.61371
1.250	.654	1.21173	1.26247	1.16145	1.08497	.73308	1.11892	1.15266	1.06360	1.01640	.61285
1.250	1.149	1.21090	1.26270	1.16198	1.08433	.73228	1.11885	1.15545	1.06387	1.01602	.61342
GRADIENT		.00514	.00714	.00556	.00225	.00108	.00651	.00656	.00500	.00387	.00312

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPC3	CPL	CPC10	CPC11	CPC12	CPO4
1.400	-6.953	1.17280	1.22315	1.13032	1.07680	.72781	1.05853	1.10382	1.02762	.98200	.59406
1.400	-6.436	1.18091	1.23227	1.13621	1.08076	.73084	1.06687	1.11773	1.03408	.99154	.59705
1.400	-5.929	1.18950	1.24239	1.14348	1.08420	.73461	1.07621	1.12727	1.04134	1.00205	.60086
1.400	-5.422	1.19616	1.25075	1.14978	1.08715	.73732	1.08373	1.13500	1.04704	1.00953	.60370
1.400	-4.918	1.20335	1.26010	1.15670	1.09100	.74080	1.09206	1.14277	1.05355	1.01573	.60729
1.400	-4.416	1.20979	1.26772	1.16173	1.09599	.74353	1.09825	1.14912	1.05825	1.01935	.60918
1.400	-3.911	1.21551	1.27415	1.16613	1.09996	.74576	1.10351	1.15474	1.06220	1.02250	.61098
1.400	-3.406	1.22139	1.28090	1.17108	1.10309	.74841	1.11031	1.16203	1.06807	1.02793	.61431
1.400	-2.893	1.22538	1.28573	1.17444	1.10470	.74996	1.11478	1.16708	1.07174	1.03041	.61589
1.400	-2.387	1.22847	1.28967	1.17734	1.10647	.75083	1.11905	1.17259	1.07563	1.03409	.61799
1.400	-1.880	1.23132	1.29403	1.18223	1.10809	.75152	1.12306	1.17774	1.07913	1.03672	.61981
1.400	-1.366	1.23304	1.29759	1.18548	1.10776	.75181	1.12640	1.18181	1.08199	1.03925	.62165
1.400	-.863	1.23368	1.29992	1.18727	1.10698	.75110	1.12832	1.18380	1.08371	1.04011	.62340
1.400	-.359	1.23479	1.30250	1.18877	1.10728	.75063	1.12996	1.18388	1.08562	1.04075	.62361
1.399	.132	1.23483	1.30367	1.19012	1.10716	.74998	1.13112	1.18249	1.08459	1.03829	.62430
1.400	.639	1.23402	1.30379	1.19025	1.10591	.74878	1.13073	1.18211	1.08672	1.03895	.62444
1.400	1.134	1.23275	1.30327	1.19008	1.10459	.74759	1.13021	1.18651	1.08668	1.03811	.62457
GRADIENT		.00475	.00717	.00572	.00194	.00102	.00648	.00704	.00559	.00390	.00302

(SCM054) (03 OCT 91)

IA310 (AEDC 16TF-783) PROBE CALIBRATION

PARAMETRIC DATA

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
1.450	-6.907	1.16916	1.23278	1.13454	1.08041	.73457	1.04641	1.10861	1.02697	.98611	.59483
1.450	-6.398	1.17604	1.24082	1.13960	1.08239	.73696	1.05344	1.11689	1.03276	.99534	.59598
1.450	-5.882	1.18532	1.25041	1.14677	1.08716	.74113	1.06341	1.12781	1.04100	1.00567	.60196
1.450	-5.371	1.19014	1.25761	1.15293	1.08987	.74319	1.07026	1.13526	1.04662	1.01155	.60447
1.450	-4.869	1.19720	1.26783	1.16067	1.09418	.74743	1.07707	1.14291	1.05194	1.01627	.60718
1.449	-4.360	1.20245	1.27468	1.16472	1.09780	.74883	1.08251	1.14905	1.05612	1.01964	.60887
1.450	-3.846	1.20933	1.28213	1.17009	1.10243	.75167	1.08855	1.15640	1.06164	1.02453	.61173
1.450	-3.331	1.21410	1.28746	1.17381	1.10448	.75372	1.09351	1.16276	1.06616	1.02867	.61385
1.450	-2.816	1.21812	1.29233	1.17660	1.10646	.75518	1.09825	1.16937	1.07120	1.03246	.61624
1.450	-2.304	1.22084	1.29568	1.17925	1.10773	.75553	1.10212	1.17430	1.07458	1.03479	.61754
1.450	-1.784	1.22237	1.29953	1.18441	1.10897	.75628	1.10518	1.17934	1.07783	1.03758	.61929
1.449	-1.267	1.22374	1.30314	1.18764	1.10752	.75562	1.10889	1.18314	1.08088	1.03998	.62116
1.451	-.755	1.22463	1.30714	1.19056	1.10787	.75582	1.11132	1.18606	1.08359	1.04177	.62324
1.450	-.246	1.22538	1.31010	1.19233	1.10802	.75605	1.11343	1.18536	1.08566	1.04281	.62521
1.450	.245	1.22454	1.31119	1.19361	1.10782	.75472	1.11424	1.18457	1.08403	1.04033	.62640
1.450	.749	1.22414	1.31171	1.19449	1.10702	.75331	1.11495	1.18532	1.08732	1.04131	.62766
1.450	1.238	1.22266	1.31058	1.19362	1.10536	.75147	1.11489	1.18951	1.08750	1.04077	.62830
	GRADIENT	.00401	.00714	.00574	.00160	.00073	.00630	.00737	.00591	.00415	.00356

BETA = 2.500 PHI = 180.000

RUN NO. 1561/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

RUN NO. 1646/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
1.470	-6.918	1.13800	1.21239	1.11415	1.06199	.71838	1.01304	1.09201	1.00911	.97083	.57769
1.471	-6.398	1.14728	1.22453	1.12294	1.06683	.72280	1.02234	1.10289	1.01766	.98252	.58282
1.470	-5.895	1.15213	1.23286	1.12787	1.06807	.72439	1.02708	1.11025	1.02271	.98988	.58446
1.470	-5.385	1.16011	1.24103	1.13414	1.07111	.72726	1.03596	1.12003	1.03009	.99738	.58819
1.470	-4.881	1.16527	1.24795	1.14000	1.07430	.72949	1.04219	1.12813	1.03599	1.00202	.59066
1.470	-4.369	1.17050	1.25556	1.14505	1.07970	.73236	1.04808	1.13512	1.04157	1.00639	.59276
1.471	-3.862	1.17531	1.26215	1.15021	1.08423	.73558	1.05341	1.14177	1.04710	1.01133	.59608
1.470	-3.347	1.17881	1.26747	1.15343	1.08554	.73713	1.05740	1.14631	1.05050	1.01394	.59961
1.470	-2.830	1.18231	1.27334	1.15620	1.08698	.73902	1.06180	1.15216	1.05519	1.01712	.60106
1.470	-2.320	1.18533	1.27659	1.15900	1.08724	.73949	1.06610	1.15718	1.05820	1.01950	.60201
1.484	-1.804	1.18665	1.27889	1.16182	1.08554	.73909	1.06900	1.16101	1.05983	1.02094	.60402
1.484	-1.291	1.18875	1.28372	1.16558	1.08560	.73981	1.07323	1.16690	1.06393	1.02472	.60482
1.484	-.777	1.18842	1.28490	1.16598	1.08439	.73836	1.07453	1.16817	1.06499	1.02496	.60600
1.470	-.267	1.18889	1.28719	1.16767	1.08476	.73782	1.07660	1.16739	1.06663	1.02526	.60791
1.484	.225	1.18764	1.28725	1.16789	1.08352	.73536	1.07648	1.16521	1.06443	1.02163	.60893
1.470	.728	1.18818	1.28877	1.16963	1.08379	.73450	1.07827	1.16599	1.06776	1.02324	.61123
1.484	1.219	1.18565	1.28723	1.16832	1.08071	.73140	1.07738	1.17018	1.06730	1.02151	.61121
	GRADIENT	.00331	.00638	.00467	.00051	.00025	.00588	.00650	.00498	.00321	.00340

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(SCM054) (03 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	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
1.492	-6.926	1.09752	1.20708	1.10591	1.05306	7.1318	.96504	1.08467	1.00175	.96814	.57533
1.493	-6.404	1.10114	1.21674	1.11318	1.05567	7.1658	.96353	1.09486	1.00937	.97905	.57946
1.493	-5.902	1.10478	1.22621	1.11838	1.05757	7.1922	.97366	1.10291	1.01536	.98687	.58214
1.493	-5.392	1.10675	1.23439	1.12455	1.06052	7.2202	.97455	1.11135	1.02157	.99240	.58510
1.493	-4.888	1.10730	1.24266	1.13082	1.06422	7.2509	.97503	1.12018	1.02812	.99753	.58852
1.493	-4.378	1.10636	1.25046	1.13633	1.06973	7.2759	.97329	1.12751	1.03378	1.00232	.59104
1.493	-3.865	1.10455	1.25629	1.14015	1.07284	7.2838	.97149	1.13217	1.03702	1.00488	.59175
1.493	-3.357	1.10487	1.26399	1.14464	1.07562	7.3110	.97237	1.13926	1.04636	1.00839	.59445
1.493	-2.844	1.10354	1.26885	1.14618	1.07606	7.3188	.97195	1.14527	1.04636	1.01149	.59618
1.493	-2.331	1.10279	1.27292	1.14980	1.07651	7.3312	.97148	1.15224	1.05061	1.01505	.59876
1.493	-1.818	1.09909	1.27606	1.15284	1.07421	7.3290	.96906	1.15818	1.05327	1.01766	.60008
1.493	-1.301	1.09613	1.27869	1.15487	1.07357	7.3290	.96711	1.16318	1.05677	1.02017	.60208
1.493	-.789	1.09443	1.27964	1.15540	1.07299	7.3183	.96684	1.16193	1.05831	1.02032	.60292
1.493	-.283	1.09133	1.28022	1.15570	1.07226	7.3058	.96520	1.15839	1.05810	1.01903	.60348
1.493	.208	1.08885	1.28194	1.15755	1.07230	7.2974	.96397	1.15858	1.05707	1.01617	.60489
1.493	.716	1.08921	1.28295	1.15845	1.07144	7.2846	.96607	1.15900	1.05979	1.01739	.60620
1.493	1.208	1.09225	1.28380	1.15941	1.07052	7.2719	.97090	1.16362	1.06174	1.01756	.60708
GRADIENT		-.00328	.00635	.00441	.00027	.00023	-.00137	.00676	.00528	.00320	.00306

RUN NO. 1612/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
1.517	-6.923	1.00115	1.20950	1.10911	1.05763	7.1580	.85181	1.08472	1.00229	.97253	.57824
1.517	-6.409	.99522	1.22013	1.11680	1.06062	7.1959	.84622	1.09448	1.00945	.98299	.58224
1.516	-5.899	.98497	1.22874	1.12208	1.06252	7.2149	.83611	1.10206	1.01442	.98992	.58452
1.516	-5.391	.98538	1.23793	1.12823	1.06424	7.2445	.83635	1.11021	1.01973	.99461	.58749
1.516	-4.890	.98181	1.24598	1.13295	1.06735	7.2754	.83319	1.11849	1.02508	.99814	.59050
1.517	-4.378	.97610	1.25233	1.13722	1.07205	7.3000	.82805	1.12610	1.03052	1.00116	.59290
1.517	-3.870	.96618	1.25924	1.14192	1.07565	7.3205	.81692	1.13316	1.03525	1.00430	.59467
1.516	-3.357	.96147	1.26697	1.14642	1.07957	7.3439	.81035	1.14139	1.04024	1.00903	.59731
1.517	-2.844	.95076	1.27441	1.15086	1.08251	7.3625	.80103	1.15014	1.04495	1.01319	.59962
1.516	-2.331	.94868	1.28086	1.15604	1.08267	7.3719	.80125	1.15800	1.04876	1.01653	.60141
1.516	-1.814	.94498	1.28595	1.16048	1.08070	7.3745	.80019	1.16420	1.05239	1.01928	.60304
1.517	-1.300	.93896	1.28934	1.16181	1.07958	7.3668	.79777	1.16649	1.05469	1.02024	.60377
1.516	-.788	.93539	1.29183	1.16235	1.07845	7.3490	.79761	1.16535	1.05657	1.02042	.60437
1.517	-.282	.93678	1.29479	1.16439	1.07856	7.3397	.80058	1.16256	1.05754	1.01986	.60642
1.516	.209	.93634	1.29535	1.16483	1.07719	7.3171	.80227	1.16079	1.05505	1.01589	.60735
1.517	.714	.93446	1.29597	1.16578	1.07654	7.3069	.80186	1.16152	1.05761	1.01785	.60860
1.517	1.209	.93335	1.29514	1.16589	1.07521	7.2902	.80223	1.16695	1.06124	1.01793	.60911
GRADIENT		-.00792	.00847	.00556	.00067	.00008	-.00451	.00736	.00554	.00324	.00302

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(SCM054) (03 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	CPR	CPC7	CPC8	CPC9	CPC03	CPL	CPC10	CPC11	CPC12	CPC04
1.541	-6.920	.82698	1.20885	1.10475	1.05311	.71117	.68035	1.08559	.99790	.97273	.57989
1.541	-6.406	.82733	1.21941	1.11171	1.05544	.71492	.68476	1.09882	1.00663	.97740	.58400
1.541	-5.899	.82795	1.22798	1.11761	1.06001	.71775	.68856	1.11234	1.01511	.98322	.58741
1.542	-5.391	.83068	1.23862	1.12337	1.06568	.72144	.69470	1.12691	1.02287	.99070	.59121
1.541	-4.888	.83076	1.24607	1.12518	1.06593	.72309	.69805	1.13830	1.02759	.99565	.59265
1.541	-4.377	.83432	1.25654	1.13015	1.06817	.72639	.70508	1.15087	1.03401	1.00176	.59521
1.541	-3.865	.83758	1.26635	1.13470	1.06945	.72815	.71298	1.16165	1.03987	1.00658	.59735
1.541	-3.358	.84422	1.27705	1.13991	1.07159	.73065	.72474	1.16864	1.04631	1.01169	.59984
1.541	-2.843	.85350	1.28755	1.14541	1.07259	.73197	.73888	1.16522	1.05255	1.01631	.60165
1.541	-2.329	.86963	1.29863	1.15178	1.07406	.73318	.76092	1.14215	1.05874	1.02033	.60400
1.541	-1.818	.89898	1.31251	1.15613	1.07499	.73258	.79650	1.09176	1.05924	1.01767	.60456
1.541	-1.301	.92283	1.32813	1.16083	1.07696	.73331	.82660	1.06018	1.05377	1.01274	.60613
1.541	-.790	.93493	1.34074	1.16361	1.07820	.73350	.84258	1.04971	1.04596	1.00590	.60756
1.541	-.282	.94404	1.34902	1.16677	1.07958	.73410	.85369	1.05051	1.04209	1.00151	.60963
1.541	.210	.94691	1.35170	1.16697	1.07767	.73240	.85851	1.05252	1.04150	.99995	.60948
1.541	.713	.94748	1.35322	1.16741	1.07606	.73066	.86029	1.05206	1.04325	1.00109	.60918
1.541	1.205	.94704	1.35156	1.16701	1.07391	.72873	.86170	1.05113	1.04688	1.00322	.60867
	GRADIENT	.02394	.01955	.00748	.00172	.00093	.03241	-.02292	.00149	-.00046	.00279

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(SCMO55) (03 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	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
.600	-6.892	.80136	.83935	.76457	.71576	.35318	.65873	.69601	.62242	.56351	.16607
.599	-6.376	.81440	.85251	.77391	.72262	.35834	.67215	.70902	.63244	.57683	.17243
.600	-5.870	.82685	.86450	.78297	.72933	.36352	.68469	.72073	.64120	.59040	.17766
.600	-5.357	.84143	.87839	.79336	.73621	.37062	.69942	.73410	.65176	.60584	.18484
.599	-4.847	.84901	.88589	.79787	.73913	.37156	.70687	.74198	.65672	.61202	.18614
.600	-4.334	.86022	.89677	.80641	.74564	.37631	.71829	.75188	.66406	.61875	.19020
.600	-3.827	.86816	.90487	.81251	.75054	.37945	.72784	.76135	.67161	.62683	.19612
.600	-3.307	.87415	.91121	.81699	.75339	.38085	.73366	.76725	.67546	.63166	.19701
.600	-2.794	.88246	.92001	.82429	.75910	.38575	.74293	.77627	.68252	.64051	.20237
.600	-2.279	.88691	.92500	.82808	.76091	.38653	.74853	.78197	.68651	.64528	.20433
.600	-1.762	.88971	.92880	.83104	.76198	.38729	.75346	.78519	.69099	.64873	.20754
.600	-1.250	.89301	.93278	.83375	.76285	.38636	.75838	.79017	.69515	.65001	.20881
.600	-.737	.89529	.93615	.83663	.76390	.38715	.76187	.79426	.69833	.65177	.21135
.600	-.232	.89468	.93672	.83652	.76236	.38544	.76331	.79353	.69911	.65157	.21254
.600	.262	.89473	.93775	.83713	.76147	.38396	.76504	.79432	.69848	.65169	.21365
.600	.766	.89344	.93812	.83775	.76036	.38239	.76494	.79540	.70117	.65016	.21437
.600	1.258	.89211	.93810	.83772	.75921	.38078	.76521	.79680	.70152	.64955	.21508
	GRADIENT	.00674	.00829	.00629	.00299	.00131	.00937	.00865	.00726	.00614	.00468

RUN NO. 1472/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
.800	-6.927	.88316	.91947	.84068	.79114	.41860	.74741	.78239	.70644	.64978	.23341
.800	-6.405	.89549	.93242	.85014	.79823	.42364	.76114	.79576	.71700	.66261	.24007
.800	-5.903	.90675	.94423	.85864	.80425	.42827	.77222	.80641	.72492	.67380	.24434
.800	-5.395	.91714	.95491	.86646	.80861	.43315	.78300	.81645	.73279	.68541	.24980
.800	-4.889	.92674	.96495	.87368	.81410	.43721	.79277	.82620	.74015	.69475	.25398
.800	-4.380	.93492	.97346	.88007	.81865	.44026	.80140	.83433	.74611	.70100	.25727
.800	-3.871	.94298	.98161	.88636	.82343	.44428	.81021	.84268	.75251	.70780	.26162
.800	-3.364	.94868	.98814	.89099	.82629	.44608	.81632	.84919	.75719	.71282	.26412
.800	-2.854	.95458	.99476	.89629	.82962	.44867	.82272	.85569	.76180	.71897	.26680
.800	-2.345	.95874	.99980	.89994	.83169	.44965	.82795	.86044	.76582	.72350	.26906
.800	-1.832	.96267	1.00471	.90421	.83369	.45114	.83279	.86526	.77017	.72550	.27173
.800	-1.323	.96541	1.00866	.90707	.83505	.45152	.83658	.86971	.77338	.72692	.27368
.800	-.812	.96677	1.01095	.90890	.83593	.45095	.83926	.87264	.77549	.72856	.27504
.800	-.308	.96853	1.01344	.91100	.83533	.45115	.84178	.87327	.77757	.72980	.27661
.800	.181	.96792	1.01402	.91159	.83456	.44998	.84243	.87257	.77632	.72646	.27777
.800	.689	.96701	1.01447	.91206	.83369	.44842	.84277	.87281	.77886	.72763	.27819
.800	1.185	.96510	1.01383	.91160	.83178	.44638	.84141	.87444	.77765	.72574	.27724
	GRADIENT	.00631	.00808	.00630	.00290	.00152	.00809	.00778	.00629	.00507	.00398

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

(SCM055) (03 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	CPR	CPC7	CPC8	CPC9	CPC3	CPL	CPC10	CPC11	CPC12	CPO4
.899	-6.916	.94124	.97681	.89812	.84874	.48149	.81133	.84542	.76973	.71546	.30491
.900	-6.396	.95295	.98911	.90721	.85568	.48751	.82279	.85563	.77813	.72655	.31001
.900	-5.892	.96304	.99954	.91477	.86099	.49120	.83400	.86717	.78656	.73827	.31496
.900	-5.384	.97312	1.01057	.92259	.86609	.49603	.84395	.87673	.79370	.74895	.31874
.900	-4.879	.98167	1.01950	.92907	.87025	.49958	.85316	.88592	.80083	.75713	.32303
.900	-4.369	.98940	1.02767	.93532	.87453	.50289	.86152	.89381	.80706	.76373	.32707
.900	-3.863	.99589	1.03467	.94032	.87841	.50504	.86838	.90043	.81161	.76865	.32914
.900	-3.353	1.00223	1.04178	.94575	.88214	.50803	.87538	.90765	.81685	.77443	.33254
.900	-2.841	1.00742	1.04766	.95037	.88479	.50994	.88127	.91365	.82136	.77974	.33501
.900	-2.331	1.01170	1.05292	.95450	.88735	.51171	.88641	.91832	.82557	.78458	.33734
.900	-1.818	1.01504	1.05711	.95805	.88884	.51269	.89084	.92272	.82970	.78598	.33966
.900	-1.308	1.01682	1.06005	.96017	.88928	.51243	.89380	.92667	.83216	.78677	.34099
.900	-.801	1.01844	1.06261	.96219	.88954	.51236	.89451	.92959	.83458	.78873	.34264
.900	-.294	1.01977	1.06522	.96411	.88983	.51251	.89904	.93022	.83671	.79007	.34452
.900	.197	1.01918	1.06579	.96450	.88997	.51047	.89931	.92930	.83482	.78609	.34433
.900	.703	1.01876	1.06670	.96564	.88855	.50986	.89997	.93035	.83774	.78772	.34536
.900	1.196	1.01707	1.06626	.96532	.88700	.50787	.89891	.93120	.83708	.78654	.34498
	GRADIENT	.00577	.00767	.00597	.00269	.00136	.00758	.00735	.00603	.00470	.00367

RUN NO. 1512/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPC3	CPL	CPC10	CPC11	CPC12	CPO4
1.099	-6.970	1.08035	1.11290	1.03866	.99154	.65539	.96606	.99746	.92718	.87710	.50323
1.099	-6.460	1.08952	1.12261	1.04565	.99680	.65912	.97595	1.00715	.93456	.88686	.50742
1.100	-5.957	1.09812	1.13183	1.05232	1.00172	.66262	.98546	1.01633	.94163	.89701	.51164
1.100	-5.457	1.10753	1.14189	1.05966	1.00646	.66703	.99517	1.02563	.94892	.90701	.51572
1.100	-4.955	1.11506	1.15059	1.06612	1.01070	.67041	1.00317	1.03372	.95506	.91449	.51914
1.100	-4.453	1.12235	1.15839	1.07204	1.01463	.67349	1.01045	1.04084	.96029	.92015	.52188
1.100	-3.953	1.12790	1.16473	1.07637	1.01812	.67578	1.01605	1.04620	.96417	.92380	.52355
1.100	-3.447	1.13387	1.17107	1.08116	1.02145	.67846	1.02233	1.05239	.96890	.92894	.52650
1.100	-2.945	1.13854	1.17653	1.08550	1.02381	.68032	1.02749	1.05749	.97302	.93371	.52873
1.100	-2.439	1.14198	1.18081	1.08889	1.02574	.68174	1.03104	1.06102	.97573	.93621	.52962
1.100	-1.939	1.14608	1.18585	1.09346	1.02839	.68361	1.03597	1.06610	.98010	.93825	.53244
1.100	-1.436	1.14752	1.18826	1.09527	1.02854	.68309	1.03841	1.06950	.98203	.93938	.53329
1.100	-.934	1.14951	1.19121	1.09765	1.02945	.68368	1.04086	1.07214	.98391	.94079	.53422
1.100	-.441	1.15027	1.19304	1.09891	1.02935	.68352	1.04211	1.07194	.98471	.94076	.53448
1.100	.057	1.15112	1.19506	1.10099	1.03012	.68352	1.04299	1.07058	.98471	.94076	.53448
1.100	.567	1.15033	1.19531	1.10132	1.02922	.68228	1.04237	1.06967	.98475	.93850	.53444
1.100	1.063	1.14951	1.19577	1.10198	1.02868	.68165	1.04157	1.07184	.98430	.93695	.53403
	GRADIENT	.00566	.00745	.00596	.00292	.00181	.00648	.00621	.00498	.00373	.00259

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(SCM055) (03 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	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
1.250	-6.939	1.15555	1.19183	1.11207	1.06326	.72420	1.03581	1.07103	.99725	.94914	.56916
1.250	-6.420	1.16478	1.20227	1.11949	1.06828	.72766	1.04571	1.08074	1.00448	.95910	.57293
1.250	-5.915	1.17350	1.21176	1.12610	1.07193	.73114	1.05464	1.08965	1.01116	.96928	.57664
1.250	-5.409	1.18206	1.22096	1.13252	1.07615	.73464	1.06327	1.09804	1.01760	.97764	.58003
1.250	-4.902	1.18828	1.22728	1.13751	1.07933	.73681	1.07019	1.10500	1.02266	.98276	.58272
1.250	-4.394	1.19652	1.23630	1.14485	1.08503	.74070	1.07919	1.11364	1.02951	.98979	.58719
1.250	-3.887	1.20059	1.24153	1.14822	1.08743	.74227	1.08370	1.11793	1.03256	.99310	.58858
1.250	-3.383	1.20440	1.24671	1.15199	1.08943	.74384	1.08798	1.12243	1.03615	.99713	.59075
1.250	-2.875	1.21034	1.25284	1.15712	1.09255	.74634	1.09425	1.12860	1.04130	1.00116	.59382
1.250	-2.361	1.21456	1.25800	1.16099	1.09501	.74752	1.09888	1.13322	1.04456	1.00296	.59536
1.250	-1.858	1.21718	1.26183	1.16430	1.09622	.74786	1.10210	1.13716	1.04721	1.00537	.59715
1.250	-1.350	1.21890	1.26414	1.16616	1.09654	.74782	1.10509	1.14086	1.04970	1.00747	.59888
1.250	-.843	1.22043	1.26702	1.16838	1.09674	.74759	1.10757	1.14329	1.05154	1.00849	.59989
1.250	-.340	1.22050	1.26821	1.16929	1.09682	.74682	1.10858	1.14267	1.05248	1.00849	.60048
1.250	-.150	1.22166	1.27068	1.17155	1.09719	.74689	1.11025	1.14269	1.05187	1.00624	.60167
1.250	.659	1.22125	1.27145	1.17249	1.09680	.74584	1.11062	1.14290	1.05414	1.00728	.60180
1.250	1.155	1.21893	1.27032	1.17183	1.09520	.74438	1.10883	1.14427	1.05308	1.00564	.60134
1.250	GRADIENT	.00506	.00707	.00563	.00244	.00111	.00642	.00630	.00498	.00360	.00307

RUN NO. 1545/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
1.400	-6.942	1.18354	1.23361	1.14167	1.08786	.74101	1.04860	1.09888	1.01685	.97361	.58211
1.400	-6.424	1.19187	1.24295	1.14798	1.09226	.74436	1.05730	1.10805	1.02349	.98383	.58562
1.400	-5.921	1.20014	1.25222	1.15440	1.09590	.74758	1.06646	1.11727	1.03052	.99346	.58941
1.400	-5.413	1.20664	1.26069	1.16094	1.09907	.75040	1.07408	1.12516	1.03635	1.00069	.59223
1.400	-4.913	1.21309	1.26943	1.16745	1.10297	.75315	1.08125	1.13276	1.04208	1.00621	.59526
1.400	-4.405	1.22002	1.27756	1.17309	1.10782	.75603	1.08878	1.13957	1.04783	1.01079	.59818
1.400	-3.900	1.22533	1.28362	1.17718	1.11084	.75799	1.09429	1.14533	1.05210	1.01396	.60027
1.400	-3.392	1.23108	1.28973	1.18184	1.11354	.76039	1.10037	1.15157	1.05702	1.01763	.60247
1.399	-2.885	1.23438	1.29410	1.18463	1.11457	.76107	1.10398	1.15607	1.05986	1.01979	.60324
1.400	-2.377	1.23880	1.29956	1.18872	1.11766	.76342	1.10915	1.16219	1.06459	1.02401	.60620
1.399	-1.869	1.24113	1.30253	1.19226	1.11828	.76342	1.11291	1.16624	1.06727	1.02678	.60734
1.400	-1.363	1.24285	1.30598	1.19541	1.11869	.76386	1.11578	1.17098	1.07020	1.02829	.60902
1.399	-.857	1.24400	1.30863	1.19771	1.11888	.76360	1.11807	1.17334	1.07230	1.02940	.61002
1.400	-.353	1.24495	1.31082	1.19946	1.11938	.76336	1.12008	1.17242	1.07413	1.03003	.61125
1.400	.135	1.24421	1.31143	1.20028	1.11880	.76207	1.12045	1.17105	1.07200	1.03030	.61170
1.400	.643	1.24436	1.31262	1.20146	1.11851	.76167	1.12112	1.17069	1.07517	1.02838	.61243
1.400	GRADIENT	1.141	1.31201	1.20099	1.11673	.75991	1.12014	1.17497	1.07465	1.02702	.61178
		.00480	.00698	.00568	.00213	.00109	.00647	.00673	.00538	.00352	.00282

(SCM055) (03 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	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
1.450	-6.892	1.18003	1.24313	1.14610	1.09167	.74755	1.03651	1.09991	1.01733	.97917	.58450
1.449	-6.374	1.18826	1.25112	1.15094	1.09314	.74948	1.04485	1.10714	1.02214	.98731	.58604
1.450	-5.866	1.19579	1.26031	1.15758	1.09750	.75377	1.05284	1.11703	1.02964	.99657	.59004
1.450	-5.361	1.20157	1.26741	1.16386	1.10066	.75590	1.05968	1.12457	1.03512	1.00197	.59233
1.450	-4.847	1.20839	1.27666	1.17146	1.10552	.75976	1.06756	1.13314	1.04168	1.00705	.59568
1.450	-4.339	1.21399	1.28511	1.17673	1.11028	.76240	1.07356	1.13991	1.04678	1.01099	.59839
1.450	-3.829	1.21946	1.29200	1.18107	1.11378	.76484	1.07902	1.14674	1.05151	1.01508	.60097
1.450	-3.316	1.22502	1.29724	1.18504	1.11567	.76654	1.08467	1.15254	1.05565	1.01882	.60264
1.450	-2.801	1.22800	1.30125	1.18722	1.11690	.76750	1.08818	1.15770	1.05914	1.02139	.60420
1.450	-2.284	1.23196	1.30647	1.19150	1.12003	.76937	1.09285	1.16390	1.06375	1.02549	.60662
1.449	-1.772	1.23293	1.30827	1.19407	1.11957	.76821	1.09471	1.16785	1.06560	1.02656	.60697
1.450	-1.261	1.23469	1.31179	1.19770	1.11937	.76847	1.09851	1.17298	1.06937	1.02942	.60928
1.450	-.751	1.23615	1.31539	1.20118	1.12041	.76882	1.10165	1.17559	1.07222	1.03106	.61106
1.449	-.241	1.23512	1.31644	1.20181	1.11962	.76788	1.10227	1.17260	1.07309	1.03076	.61191
1.449	.250	1.23517	1.31807	1.20378	1.12037	.76714	1.10389	1.17326	1.07139	1.02820	.61336
1.450	.757	1.23391	1.31861	1.20413	1.11906	.76545	1.10364	1.17250	1.07460	1.02936	.61436
1.450	1.246	1.23321	1.31880	1.20445	1.11821	.76449	1.10404	1.17827	1.07560	1.02920	.61537
	GRADIENT	.00390	.00665	.00551	.00178	.00064	.00599	.00697	.00547	.00363	.00315

RUN NO. 1647/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
1.470	-6.903	1.14990	1.22254	1.12538	1.07302	.73139	1.00344	1.08240	.99823	.96335	.56659
1.484	-6.386	1.15777	1.23373	1.13345	1.07726	.73474	1.01126	1.09219	1.00598	.97406	.57058
1.471	-5.881	1.16368	1.24321	1.14002	1.07996	.73786	1.01758	1.10031	1.01192	.98180	.57332
1.471	-5.369	1.17210	1.25284	1.14736	1.08367	.74126	1.02617	1.10993	1.01935	.98877	.57717
1.470	-4.862	1.17649	1.25808	1.15118	1.08643	.74225	1.03132	1.11670	1.02407	.99143	.57835
1.471	-4.350	1.18241	1.26489	1.15601	1.09132	.74532	1.03918	1.12518	1.03054	.99646	.58205
1.470	-3.845	1.18496	1.27021	1.15923	1.09311	.74652	1.04255	1.12999	1.03436	.99972	.58310
1.470	-3.331	1.18903	1.27598	1.16352	1.09550	.74901	1.04743	1.13583	1.03911	1.00349	.58547
1.471	-2.817	1.19368	1.28258	1.16806	1.09858	.75175	1.05242	1.14195	1.04393	1.00746	.58807
1.471	-2.306	1.19542	1.28619	1.17034	1.09888	.75197	1.05532	1.14612	1.04659	1.00966	.58935
1.470	-1.791	1.19882	1.29019	1.17421	1.09878	.75211	1.06024	1.15152	1.05000	1.01231	.59150
1.471	-1.281	1.20050	1.29295	1.17699	1.09796	.75225	1.06343	1.15624	1.05262	1.01429	.59338
1.471	-.769	1.20150	1.29541	1.17853	1.09787	.75172	1.06597	1.15894	1.05516	1.01570	.59514
1.471	-.263	1.20051	1.29636	1.17996	1.09685	.75018	1.06712	1.15533	1.05602	1.01533	.59636
1.470	.228	1.19996	1.29696	1.17996	1.09656	.74871	1.06789	1.15507	1.05353	1.01080	.59767
1.471	.734	1.19976	1.29812	1.18118	1.09638	.74767	1.06831	1.15352	1.05617	1.01269	.59891
1.470	1.228	1.19924	1.29758	1.18080	1.09451	.74559	1.06872	1.15949	1.05649	1.01125	.59954
	GRADIENT	.00366	.00653	.00498	.00097	.00049	.00612	.00651	.00518	.00326	.00346

(SCM055) (03 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	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
1.493	-6.910	1.11173	1.21899	1.11835	1.06492	.72659	.95717	1.07550	.99201	.96134	.56491
1.493	-6.393	1.11463	1.22576	1.12359	1.06619	.72837	.96072	1.08434	.99819	.97053	.56760
1.493	-5.886	1.11923	1.23685	1.13043	1.06931	.73225	.96530	1.09315	1.00475	.97867	.57079
1.493	-5.381	1.12178	1.24516	1.13651	1.07220	.73524	.96723	1.10140	1.01081	.98339	.57377
1.493	-4.868	1.12334	1.25303	1.14257	1.07665	.73806	.96816	1.10964	1.01689	.98792	.57687
1.493	-4.363	1.12241	1.25955	1.14689	1.08095	.73957	.96765	1.11698	1.02225	.99186	.57937
1.494	-3.856	1.12094	1.26720	1.15257	1.08558	.74209	.96590	1.12393	1.02752	.99665	.58191
1.493	-3.344	1.11978	1.27334	1.15622	1.08743	.74342	.96490	1.12952	1.03164	.99898	.58341
1.493	-2.830	1.11869	1.27765	1.15756	1.08749	.74379	.96487	1.13434	1.03498	1.00138	.58463
1.493	-2.316	1.11761	1.28247	1.16137	1.08820	.74437	.96446	1.14096	1.03858	1.00431	.58623
1.493	-1.804	1.11798	1.28572	1.16477	1.08859	.74462	.96604	1.14721	1.04185	1.00707	.58799
1.493	-1.292	1.11365	1.28796	1.16637	1.08511	.74429	.96291	1.15140	1.04476	1.00911	.58943
1.493	-.784	1.11293	1.29068	1.16854	1.08601	.74458	.96305	1.15105	1.04774	1.01082	.59121
1.493	-.279	1.11194	1.29222	1.16973	1.08632	.74416	.96370	1.14732	1.04818	1.01012	.59260
1.493	.214	1.10986	1.29289	1.17068	1.08571	.74289	.96293	1.14769	1.04488	1.00497	.59311
1.493	.720	1.10863	1.29314	1.17093	1.08440	.74128	.96332	1.14601	1.04747	1.00684	.59394
1.493	1.214	1.10974	1.29390	1.17197	1.08354	.73990	.96557	1.15118	1.04988	1.00639	.59457
1.493	GRADIENT	-.00253	.00654	.00473	.00055	.00029	-.00063	.00636	.00514	.00299	.00290

RUN NO. 1613/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
1.516	-6.909	1.02115	1.22035	1.12106	1.06833	.72875	.84685	1.07438	.99105	.96514	.56581
1.517	-6.393	1.01423	1.22980	1.12753	1.07078	.73204	.83981	1.08403	.99803	.97433	.57008
1.517	-5.885	1.00617	1.23948	1.13439	1.07443	.73537	.83079	1.09210	1.00348	.98102	.57283
1.516	-5.383	1.00302	1.24880	1.14095	1.07678	.73835	.82748	1.10060	1.00953	.98615	.57639
1.516	-4.870	.99963	1.25685	1.14550	1.08006	.74059	.82544	1.10861	1.01481	.98958	.57910
1.517	-4.359	.99845	1.26385	1.14966	1.08479	.74340	.82537	1.11712	1.02054	.99277	.58216
1.516	-3.852	.98863	1.26922	1.15381	1.08753	.74493	.81603	1.12339	1.02440	.99493	.58322
1.517	-3.344	.97802	1.27593	1.15809	1.09091	.74695	.80362	1.13136	1.02939	.99931	.58616
1.516	-2.829	.97037	1.28175	1.16132	1.09311	.74959	.79985	1.13825	1.03249	1.00196	.58707
1.517	-2.315	.96510	1.28875	1.16735	1.09533	.74936	.79088	1.14612	1.03671	1.00570	.58921
1.516	-1.806	.96249	1.29304	1.17114	1.09234	.74882	.79103	1.15136	1.03970	1.00785	.59000
1.517	-1.293	.96075	1.29843	1.17497	1.09268	.74942	.79155	1.15465	1.04391	1.01066	.59260
1.517	-.785	.95841	1.30158	1.17717	1.09243	.74831	.79154	1.15254	1.04597	1.01114	.59361
1.517	-.278	.95396	1.30313	1.17718	1.09156	.74636	.79024	1.14872	1.04440	1.00822	.59445
1.517	.215	.95615	1.30620	1.18017	1.09267	.74619	.79381	1.15039	1.04370	1.00617	.59647
1.516	.720	.95424	1.30566	1.17977	1.09103	.74410	.79294	1.14933	1.04529	1.00789	.59690
1.516	1.214	.95425	1.30244	1.17762	1.08753	.74109	.79278	1.15134	1.04769	1.00577	.59589
1.516	GRADIENT	-.00784	.00825	.00589	.00103	.00013	-.00535	.00666	.00517	.00291	.00291

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(SCM055) (03 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	CPR	CPC7	CPC8	CPC9	CPC3	CPL	CPC10	CPC11	CPC12	CP04
1.541	-6.907	.84649	1.22088	1.11872	1.06674	.72547	.67361	1.07750	.98869	.96753	.56968
1.542	-6.393	.84075	1.22841	1.12267	1.06696	.72710	.67284	1.08790	.99484	.97089	.57237
1.542	-5.885	.84170	1.23714	1.12869	1.07072	.73003	.67725	1.10086	1.00266	.97335	.57544
1.542	-5.377	.84480	1.24862	1.13646	1.07824	.73509	.68393	1.11668	1.01200	.98200	.58000
1.542	-4.872	.84536	1.25703	1.14020	1.08027	.73779	.68808	1.12914	1.01803	.98794	.58235
1.542	-4.359	.84626	1.26495	1.14217	1.08037	.73881	.69372	1.14020	1.02342	.99258	.58415
1.542	-3.854	.84940	1.27407	1.14722	1.08238	.74177	.70124	1.15065	1.03008	.99811	.58720
1.541	-3.342	.85209	1.28288	1.15116	1.08277	.74276	.70933	1.15540	1.03492	1.00163	.58810
1.541	-2.828	.85742	1.29242	1.15665	1.08387	.74437	.71965	1.15182	1.04089	1.00579	.58982
1.542	-2.316	.86435	1.30067	1.16175	1.08461	.74552	.73115	1.13767	1.04583	1.00893	.59163
1.542	-1.804	.87417	1.30858	1.16541	1.08541	.74592	.74650	1.11137	1.04762	1.00898	.59310
1.542	-1.294	.89412	1.31805	1.16914	1.08690	.74596	.77262	1.07666	1.04305	1.00483	.59449
1.542	-.785	.91649	1.32895	1.17337	1.08960	.74651	.80080	1.05487	1.03401	.99622	.59631
1.542	-.279	.93110	1.33987	1.17707	1.09152	.74738	.81934	1.04813	1.02761	.98848	.59809
1.542	.213	.93589	1.34289	1.17669	1.08919	.74529	.82699	1.04826	1.02406	.98444	.59702
1.542	.721	.93746	1.34481	1.17797	1.08851	.74457	.82978	1.04948	1.02539	.98612	.59751
1.542	1.214	.93408	1.34361	1.17738	1.08603	.74236	.82757	1.04688	1.02921	.98910	.59698
	GRADIENT	.01859	.01575	.00691	.00155	.00097	.02762	-.02091	.00017	-.00153	.00260

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(SCM056) (03 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	CPR	CPC7	CPC8	CPC9	CPC3	CPL	CPC10	CPC11	CPC12	CP04
.599	-6.858	.82325	.85991	.78733	.73909	.38183	.63747	.67458	.59886	.54307	.13924
.600	-5.832	.84761	.88403	.80487	.75166	.39095	.66213	.69816	.61634	.56986	.14959
.599	-4.815	.87104	.90689	.82156	.76416	.39983	.68621	.72029	.63330	.58992	.15899
.600	-3.790	.88772	.92325	.83431	.77330	.40753	.70519	.73815	.64691	.60363	.16899
.600	-2.771	.89908	.93582	.84358	.77883	.41060	.71865	.75129	.65598	.61595	.17325
.600	-1.750	.91034	.94856	.85442	.78586	.41520	.73179	.76569	.66637	.62347	.17932
.601	-.733	.91223	.95237	.85704	.78596	.41506	.73715	.76547	.67130	.62744	.18317
.600	.280	.91371	.95630	.86029	.78539	.41225	.74054	.76802	.67105	.62607	.18410
.600	1.262	.91122	.95649	.86085	.78368	.40983	.73973	.76661	.67317	.62315	.18423
	GRADIENT	.00655	.00816	.00646	.00317	.00155	.00881	-.00751	.00646	-.00551	.00409

IA310 (AEDC 16TF-783) PROBE CALIBRATION (SCM056) (03 OCT 91)

PARAMETRIC DATA

BETA = 4.000 PHI = 180.000

RUN NO. 1473/ 0		RN/L = 2.49		GRADIENT INTERVAL = -5.00/ 5.00		CPL		CPC10		CPC11		CPC12		CPO4	
MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4				
.800	-6.904	.90353	.93892	.86263	.81347	.44729	.72600	.76075	.68202	.62925	.20592				
.800	-5.875	.92595	.96223	.87988	.82532	.45625	.75002	.78358	.69999	.65330	.21625				
.800	-4.859	.94573	.98306	.89491	.83664	.46461	.77088	.80361	.71510	.67171	.22513				
.800	-3.846	.96094	.99890	.90671	.84438	.47069	.78816	.81987	.72789	.68558	.23346				
.800	-2.835	.97359	1.01260	.91734	.85155	.47619	.80186	.83354	.73800	.69762	.23956				
.800	-1.818	.98099	1.02143	.92492	.85535	.47763	.81084	.84410	.74439	.70236	.24232				
.800	-.812	.98600	1.02867	.93123	.85806	.47933	.81772	.84608	.75126	.70530	.24641				
.800	.202	.98621	1.03111	.93329	.85738	.47801	.81964	.84690	.74954	.70337	.24784				
.799	1.188	.98406	1.03187	.93444	.85582	.47498	.81848	.84585	.75165	.70081	.24668				
	GRADIENT	.00631	.00804	.00658	.00319	.00173	.00785	.00685	.00589	.00463	.00355				

RUN NO. 1507/ 0		RN/L = 2.50		GRADIENT INTERVAL = -5.00/ 5.00		CPL		CPC10		CPC11		CPC12		CPO4	
MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4				
.900	-6.891	.96121	.99557	.91916	.87001	.50968	.79061	.82381	.74620	.69600	.27760				
.900	-5.863	.98223	1.01791	.93561	.88225	.51892	.81320	.84610	.76315	.71898	.28831				
.900	-4.846	.99959	1.03647	.94919	.89168	.52601	.83230	.86432	.77698	.73651	.29667				
.900	-3.833	1.01388	1.05203	.96073	.89902	.53123	.84820	.87991	.78886	.74893	.30301				
.900	-2.821	1.02495	1.06459	.97049	.90526	.53624	.86060	.89193	.79789	.75848	.30851				
.900	-1.801	1.03249	1.07384	.97816	.90952	.53856	.86979	.90297	.80549	.76369	.31254				
.900	-.793	1.03719	1.08009	.98379	.91201	.53988	.87580	.90373	.81075	.76603	.31541				
.900	.217	1.03686	1.08229	.98578	.91095	.53782	.87754	.90482	.80915	.76414	.31641				
.900	1.202	1.03535	1.08336	.98732	.91003	.53637	.87689	.90393	.81153	.76229	.31652				
	GRADIENT	.00586	.00767	.00629	.00304	.00170	.00735	.00639	.00556	.00409	.00330				

RUN NO. 1513/ 0		RN/L = 2.50		GRADIENT INTERVAL = -5.00/ 5.00		CPL		CPC10		CPC11		CPC12		CPO4	
MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4				
1.099	-6.963	1.09794	1.12972	1.05773	1.01121	.68068	.94744	.97804	.90623	.85971	.47903				
1.100	-5.943	1.11668	1.14969	1.07239	1.02223	.68902	.96771	.99795	.92128	.88052	.48841				
1.100	-4.938	1.13146	1.16592	1.08413	1.03017	.69483	.98365	1.01376	.93306	.89529	.49494				
1.100	-3.933	1.14430	1.18004	1.09497	1.03705	.69992	.99776	1.02727	.94306	.90569	.50026				
1.100	-2.944	1.15425	1.19150	1.10376	1.04273	.70406	1.00866	1.03847	.95137	.91488	.50481				
1.100	-1.930	1.16132	1.20015	1.11099	1.04691	.70662	1.01599	1.04696	.95679	.92014	.50715				
1.100	-.922	1.16549	1.20649	1.11635	1.04943	.70793	1.02082	1.04855	.96129	.92023	.50886				
1.100	.079	1.16740	1.21010	1.12025	1.05046	.70809	1.02334	1.04894	.96065	.91590	.50988				
1.100	1.069	1.16596	1.21103	1.12171	1.04962	.70662	1.02199	1.04824	.96177	.91618	.50894				
	GRADIENT	.00574	.00750	.00627	.00327	.00198	.00636	.00559	.00468	.00315	.00233				

(SCM056) (03 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	CPR	CPC7	CPC8	CPC9	CPC3	CPL	CPC10	CPC11	CPC12	CP04
1.250	-6.921	1.17363	1.20928	1.13164	1.08286	.74895	1.01620	1.05105	.97519	.93198	.54429
1.250	-5.887	1.19191	1.22899	1.14620	1.09242	.75617	1.03559	1.07034	.98989	.95198	.55291
1.250	-4.877	1.20696	1.24542	1.15803	1.10077	.76197	1.05194	1.08606	1.00149	.96500	.55956
1.250	-3.862	1.21846	1.25735	1.16712	1.10655	.76614	1.06534	1.09937	1.01181	.97566	.56583
1.250	-2.853	1.22677	1.26810	1.17570	1.11151	.76924	1.07497	1.10953	1.01880	.98337	.56945
1.250	-1.843	1.23332	1.27715	1.18316	1.11565	.77137	1.08282	1.11790	1.02514	.98734	.57335
1.250	-.837	1.23830	1.28347	1.18877	1.11824	.77297	1.08883	1.12112	1.03067	.98862	.57617
1.250	.174	1.23793	1.28578	1.19079	1.11749	.77094	1.08973	1.12037	1.02842	.98452	.57614
1.250	1.160	1.23635	1.28671	1.19242	1.11674	.76965	1.08882	1.12102	1.03046	.98422	.57615
GRADIENT		.00492	.00696	.00581	.00272	.00129	.00615	.00566	.00469	.00287	.00274

RUN NO. 1546/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPC3	CPL	CPC10	CPC11	CPC12	CP04
1.400	-6.928	1.20239	1.25123	1.16161	1.10802	.76505	1.02828	1.07770	.99432	.95691	.55884
1.400	-5.895	1.22036	1.27108	1.17603	1.11746	.77267	1.04590	1.09685	1.00825	.97617	.56616
1.400	-4.882	1.23362	1.28675	1.18820	1.12542	.77786	1.06145	1.11214	1.01950	.98708	.57169
1.400	-3.875	1.24439	1.30115	1.19817	1.13185	.78237	1.07398	1.12542	1.02917	.99656	.57685
1.400	-2.864	1.25494	1.31332	1.20746	1.13734	.78688	1.08469	1.13708	1.03829	1.00266	.58128
1.400	-1.855	1.26102	1.32137	1.21402	1.14042	.78872	1.09235	1.14543	1.04473	1.00662	.58433
1.400	-.853	1.26398	1.32627	1.21835	1.14130	.78864	1.09697	1.14932	1.04852	1.00790	.58590
1.400	.157	1.26569	1.33040	1.22246	1.14256	.78868	1.10010	1.14980	1.04858	1.00577	.58812
1.400	1.146	1.26436	1.33146	1.22413	1.14136	.78723	1.09973	1.15086	1.05151	1.00593	.58834
GRADIENT		.00511	.00731	.00594	.00260	.00151	.00637	.00630	.00516	.00285	.00274

RUN NO. 1563/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPC3	CPL	CPC10	CPC11	CPC12	CP04
1.449	-6.869	1.20165	1.26181	1.16743	1.11189	.77224	1.01482	1.07769	.99264	.96096	.55869
1.450	-5.830	1.21889	1.28063	1.17993	1.11916	.77969	1.03246	1.09633	1.00698	.97847	.56631
1.450	-4.814	1.23029	1.29462	1.19161	1.12793	.78425	1.04697	1.11156	1.01796	.98843	.57157
1.450	-3.794	1.23858	1.30848	1.20166	1.13429	.78835	1.05847	1.12500	1.02823	.99617	.57681
1.450	-2.776	1.24920	1.32070	1.21032	1.13941	.79258	1.06896	1.13657	1.03754	1.00193	.58104
1.450	-1.752	1.25493	1.32815	1.21637	1.14179	.79365	1.07577	1.14552	1.04323	1.00632	.58356
1.450	-.738	1.25789	1.33391	1.22148	1.14329	.79441	1.08139	1.15145	1.04862	1.00948	.58660
1.450	.272	1.25707	1.33610	1.22390	1.14301	.79263	1.08237	1.15001	1.04651	1.00690	.58825
1.450	1.252	1.25633	1.33765	1.22619	1.14195	.79091	1.08334	1.15231	1.05027	1.00649	.58972
GRADIENT		.00438	.00697	.00563	.00224	.00108	.00598	.00561	.00510	.00294	.00292

IA310 (AEDC 16TF-783) PROBE CALIBRATION (SCM056) (03 OCT 91)

PARAMETRIC DATA

BETA = 4.000 PHI = 180.000

RUN NO. 1648/ O		RN/L = 2.49		GRADIENT INTERVAL = -5.00/ 5.00		BETA = 4.000		PHI = 180.000			
MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
1.470	-6.879	1.17311	1.24202	1.14727	1.09408	.75658	.98376	1.06248	.97641	.94809	.54291
1.471	-5.845	1.18769	1.26264	1.16267	1.10290	.76372	.99857	1.07982	.98955	.96432	.55046
1.471	-4.825	1.19860	1.27818	1.17314	1.10960	.76793	1.01117	1.09580	1.00116	.97447	.55650
1.484	-3.808	1.20760	1.28854	1.18038	1.11402	.77132	1.02269	1.10882	1.01114	.98016	.56047
1.470	-2.795	1.21604	1.30110	1.18997	1.12004	.77631	1.03321	1.12167	1.02151	.98741	.56548
1.470	-1.774	1.21958	1.30817	1.19554	1.12097	.77626	1.03864	1.12892	1.02626	.99077	.56755
1.470	-.761	1.22223	1.31447	1.20026	1.12077	.77613	1.04332	1.13368	1.03095	.99338	.57087
1.470	.249	1.22318	1.31765	1.20297	1.12083	.77478	1.04652	1.13238	1.02897	.98812	.57350
1.470	1.237	1.22132	1.31876	1.20515	1.11971	.77229	1.04608	1.13336	1.03222	.98910	.57480
	GRADIENT	.00373	.00683	.00535	.00158	.00070	.00574	.00607	.00489	.00233	.00305

RUN NO. 1598/ O		RN/L = 2.50		GRADIENT INTERVAL = -5.00/ 5.00		BETA = 4.000		PHI = 180.000			
MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
1.493	-6.884	1.13614	1.23755	1.13880	1.08475	.75035	.93831	1.05363	.96886	.94479	.54127
1.493	-5.854	1.14629	1.25539	1.15251	1.09199	.75709	.94698	1.07190	.98192	.96058	.54802
1.493	-4.840	1.15111	1.27162	1.16398	1.09970	.76194	.95331	1.08776	.99376	.96887	.55403
1.493	-3.819	1.15196	1.28434	1.17354	1.10664	.76580	.95355	1.10213	1.00428	.97637	.55888
1.493	-2.807	1.15120	1.29668	1.18258	1.11148	.76886	.95286	1.11532	1.01338	.98284	.56282
1.493	-1.787	1.15192	1.30568	1.18948	1.11282	.76953	.95575	1.12548	1.01946	.98769	.56530
1.493	-.776	1.15011	1.31126	1.19329	1.11189	.76972	.95595	1.12593	1.02436	.98992	.56759
1.493	.235	1.14792	1.31301	1.19512	1.11166	.76799	.95622	1.12476	1.01948	.98232	.56856
1.493	1.224	1.14900	1.31440	1.19763	1.11097	.76641	.95910	1.12428	1.02513	.98419	.57019
	GRADIENT	-.00055	.00708	.00547	.00157	.00066	.00091	.00585	.00479	.00230	.00257

RUN NO. 1614/ O		RN/L = 2.49		GRADIENT INTERVAL = -5.00/ 5.00		BETA = 4.000		PHI = 180.000			
MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
1.516	-6.883	1.05878	1.24060	1.14395	1.09022	.75448	.83593	1.05460	.96967	.95059	.54309
1.516	-5.854	1.04592	1.25816	1.15534	1.09580	.75986	.82023	1.07091	.98069	.96270	.54893
1.517	-4.835	1.03408	1.27626	1.16850	1.10420	.76569	.81001	1.08851	.99304	.97235	.55630
1.516	-3.821	1.02775	1.28884	1.17655	1.10985	.76952	.80632	1.10407	1.00401	.97790	.56127
1.517	-2.808	1.02316	1.30030	1.18544	1.11665	.77318	.80315	1.11832	1.01212	.98405	.56516
1.516	-1.787	1.00898	1.30937	1.19449	1.11931	.77416	.78693	1.12783	1.01784	.98828	.56767
1.517	-.777	1.00143	1.31719	1.20073	1.11924	.77375	.78028	1.12539	1.02222	.99017	.57052
1.516	.234	.99599	1.32025	1.20301	1.11873	.77070	.77659	1.12483	1.01718	.99325	.57089
1.517	1.222	1.00033	1.32086	1.20486	1.11743	.76948	.78264	1.12540	1.02467	.98575	.57265
	GRADIENT	-.00659	.00755	.00627	.00213	.00051	-.00582	.00564	.00464	.00202	.00260

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(SCM056) (03 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	CPR	CPC7	CPC8	CPC9	CPC3	CPL	CPC10	CPC11	CPC12	CP04
1.542	-6.883	.88538	1.24029	1.14133	1.08806	.75094	.66036	1.05640	.96596	.95289	.54634
1.541	-5.851	.87283	1.25913	1.15366	1.09491	.75744	.65708	1.07978	.98019	.95893	.55303
1.541	-4.835	.87347	1.27500	1.16359	1.10222	.76223	.66712	1.10591	.99458	.96861	.55906
1.541	-3.823	.87382	1.28939	1.17021	1.10636	.76625	.67696	1.12606	1.00762	.97919	.56437
1.541	-2.806	.87586	1.30318	1.17875	1.10839	.76898	.68959	1.12936	1.01809	.98629	.56732
1.542	-1.788	.87927	1.31667	1.18875	1.11048	.77180	.70242	1.11015	1.02502	.99085	.57138
1.541	-.777	.88168	1.32556	1.19356	1.11204	.77270	.71193	1.08828	1.01490	.98032	.57361
1.541	.238	.88218	1.33004	1.19670	1.11164	.77239	.71821	1.08977	1.00658	.96866	.57251
1.541	1.221	.87895	1.32910	1.19699	1.10857	.76932	.71774	1.08639	1.00979	.97234	.57305
	GRADIENT	.00138	.00940	.00594	.00118	.00132	.00907	-.00608	.00143	-.00055	.00228

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(SCM057) (03 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	CPR	CPC7	CPC8	CPC9	CPC3	CPL	CPC10	CPC11	CPC12	CP04
.599	-7.870	.79486	.83256	.76632	.72381	.37065	.60788	.64815	.57952	.51752	.13109
.599	-6.844	.82440	.86102	.78778	.73959	.38183	.63842	.67619	.60018	.54449	.13999
.600	-5.828	.85118	.88707	.80695	.75443	.39372	.66559	.70133	.61944	.57321	.15280
.600	-4.806	.87253	.90724	.82174	.76485	.40169	.68796	.72202	.63512	.59191	.16208
.600	-3.789	.88924	.92444	.83493	.77405	.40836	.70758	.74051	.64892	.60560	.17110
.601	-2.768	.90038	.93678	.84413	.77992	.41271	.72022	.75298	.65769	.61811	.17626
.601	-1.750	.91096	.94872	.85405	.78613	.41650	.73338	.76718	.66792	.62530	.18253
.601	-.736	.91705	.95682	.86061	.78948	.41826	.74165	.76983	.67559	.63141	.18650
.601	.277	.91600	.95828	.86145	.78706	.41413	.74342	.77071	.67398	.62848	.18680
.600	1.258	.91307	.95823	.86191	.78493	.41093	.74151	.76832	.67519	.62476	.18562
.600	2.239	.90605	.95456	.85970	.78056	.40670	.73641	.76946	.67068	.62131	.18494
	GRADIENT	.00483	.00679	.00544	.00225	.00065	.00696	-.00625	.00518	-.00402	.00318

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

(SCM057) (03 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	CPR	CPC7	CPC8	CPC9	CPC3	CPL	CPC10	CPC11	CPC12	CPC4
.800	-7.906	.87587	.91116	.84202	.79811	.43413	.69805	.73430	.66223	.60282	.19445
.800	-6.883	.90335	.93912	.86294	.81353	.44557	.72686	.76196	.68324	.62944	.20527
.799	-5.871	.92613	.96275	.88056	.82612	.45528	.75024	.78421	.70040	.65325	.21493
.800	-4.856	.94569	.98268	.89503	.83620	.46394	.77116	.80420	.71569	.67202	.22491
.800	-3.843	.96132	.99893	.90721	.84887	.46983	.78832	.82040	.72803	.68556	.23231
.800	-2.830	.97338	1.01191	.91754	.85163	.47478	.80174	.83364	.73766	.69578	.23786
.800	-1.817	.98158	1.02184	.92574	.85626	.47739	.81148	.84506	.74530	.70153	.24223
.800	-.808	.98651	1.02883	.93162	.85893	.47883	.81782	.84663	.75122	.70514	.24523
.800	.201	.98681	1.03170	.93424	.85838	.47733	.82023	.84792	.75024	.70349	.24706
.800	1.186	.98517	1.03279	.93582	.85726	.47510	.81950	.84644	.75248	.70139	.24638
.800	2.172	.97891	1.02921	.93390	.85311	.47124	.81436	.84765	.74785	.69729	.24518
	GRADIENT	.00472	.00666	.00559	.00237	.00103	.00618	.00569	.00464	.00336	.00288

RUN NO. 1661/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPC3	CPL	CPC10	CPC11	CPC12	CPC4
.900	-7.899	.93676	.97097	.90073	.85666	.49910	.76583	.79973	.72816	.67128	.26860
.900	-6.870	.96112	.99586	.91876	.86988	.50889	.79098	.82467	.74697	.69698	.27784
.900	-5.859	.98303	1.01884	.93604	.88282	.51885	.81362	.84658	.76344	.71959	.28793
.900	-4.845	.99932	1.03636	.94853	.89113	.52494	.83147	.86391	.77652	.73601	.29540
.900	-3.830	1.01444	1.05275	.96111	.89979	.53147	.84841	.88025	.78910	.74941	.30294
.900	-2.815	1.02633	1.06601	.97158	.90634	.53653	.86169	.89343	.79904	.76018	.30884
.900	-1.801	1.03292	1.07449	.97839	.91001	.53878	.86993	.90329	.80574	.76246	.31264
.900	-.791	1.03823	1.08168	.98458	.91285	.54018	.87691	.90494	.81166	.76708	.31564
.900	.217	1.03800	1.08367	.98664	.91199	.53853	.87856	.90580	.81019	.76523	.31700
.900	1.202	1.03625	1.08448	.98798	.91085	.53659	.87799	.90528	.81267	.76330	.31700
.899	2.188	1.03046	1.08178	.98637	.90697	.53221	.87323	.90612	.80847	.76014	.31506
	GRADIENT	.00437	.00637	.00534	.00221	.00100	.00591	.00545	.00452	.00305	.00279

RUN NO. 1740/ 0 RN/L = 2.51 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPC3	CPL	CPC10	CPC11	CPC12	CPC4
1.098	-7.920	1.07703	1.10933	1.04262	1.00046	.67267	.92534	.95692	.89032	.83850	.46946
1.100	-6.942	1.09941	1.13208	1.05924	1.01278	.68233	.94957	.98059	.90867	.86232	.48129
1.101	-5.939	1.11853	1.15209	1.07400	1.02392	.69092	.96903	.99971	.92292	.88240	.48965
1.101	-4.931	1.13412	1.16901	1.08645	1.03259	.69739	.98570	1.01603	.93520	.89765	.49656
1.101	-3.931	1.14621	1.18268	1.09687	1.03916	.70209	.99934	1.02931	.94508	.90795	.50192
1.100	-2.939	1.15598	1.19370	1.10514	1.04431	.70586	1.00992	1.03981	.95264	.91605	.50571
1.100	-1.922	1.16311	1.20252	1.11263	1.04856	.70845	1.01758	1.04873	.95821	.92239	.50851
1.100	-.925	1.16736	1.20872	1.11787	1.05108	.70982	1.02242	1.05071	.96297	.92242	.51025
1.100	.080	1.16912	1.21235	1.12159	1.05213	.70980	1.02437	1.05011	.96187	.91712	.51050
1.100	1.066	1.16786	1.21325	1.12306	1.05123	.70848	1.02359	1.05002	.96341	.91799	.51037
1.100	2.063	1.16393	1.21169	1.12286	1.04890	.70643	1.01950	1.05030	.95973	.91469	.50884
	GRADIENT	.00430	.00612	.00525	.00239	.00129	.00484	.00448	.00353	.00206	.00172

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(SCM057) (03 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	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
1.249	-7.925	1.15211	1.18697	1.11551	1.07126	.73916	.99400	1.03007	.95946	.91066	.53437
1.250	-6.894	1.17411	1.20977	1.13204	1.08281	.74834	1.01628	1.05180	.97558	.93205	.54363
1.250	-5.883	1.19174	1.22898	1.14600	1.09197	.75541	1.03476	1.06967	.98903	.95101	.55130
1.250	-4.873	1.20744	1.24524	1.15800	1.10054	.76150	1.05132	1.08584	1.00137	.96465	.55832
1.250	-3.862	1.21936	1.25829	1.16791	1.10740	.76623	1.06549	1.09975	1.01197	.97505	.56478
1.250	-2.850	1.2317	1.27767	1.18376	1.11275	.76974	1.07569	1.11035	1.01952	.98397	.56922
1.250	-1.841	1.23417	1.27767	1.18376	1.11275	.76974	1.07569	1.11035	1.01952	.98397	.56922
1.250	-.836	1.23807	1.28371	1.18888	1.11830	.77194	1.08797	1.12200	1.03007	.98785	.57471
1.250	.173	1.23863	1.28647	1.19148	1.11822	.77103	1.08977	1.12098	1.02899	.98506	.57601
1.250	1.158	1.23666	1.28666	1.19227	1.11675	.76907	1.08870	1.12099	1.03027	.98385	.57523
1.250	2.153	1.23222	1.28432	1.19153	1.11384	.76638	1.08491	1.11990	1.02702	.98104	.57403
	GRADIENT	.00351	.00561	.00481	.00188	.00063	.00474	.00451	.00362	.00193	.00220

RUN NO. 1716/ O RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
1.400	-6.923	1.20483	1.25379	1.16429	1.11034	.76876	1.03082	1.08059	.99727	.95996	.56209
1.400	-5.895	1.22131	1.27220	1.17699	1.11871	.77519	1.04759	1.09804	1.00985	.97770	.56823
1.400	-4.878	1.23530	1.28859	1.19007	1.12736	.78126	1.06321	1.11406	1.02164	.98961	.57456
1.400	-3.872	1.24677	1.30292	1.20004	1.13375	.78573	1.07684	1.12746	1.03212	.99974	.58029
1.400	-2.865	1.25633	1.31428	1.20822	1.13802	.78898	1.08698	1.13812	1.04039	1.00518	.58383
1.400	-1.852	1.26274	1.32275	1.21522	1.14143	.79088	1.09444	1.14704	1.04690	1.00861	.58689
1.399	-.851	1.26584	1.32803	1.21963	1.14290	.79123	1.09910	1.15117	1.05068	1.01028	.58867
1.400	.157	1.26712	1.33197	1.22335	1.14369	.79071	1.10162	1.15051	1.04987	1.00625	.59010
1.400	1.145	1.26616	1.33347	1.22524	1.14269	.78948	1.10158	1.15200	1.05285	1.00749	.59033
1.400	2.133	1.26189	1.33187	1.22539	1.13995	.78695	1.09781	1.15100	1.05015	1.00468	.58952
	GRADIENT	.00379	.00611	.00503	.00180	.00077	.00493	.00502	.00399	.00178	.00209

RUN NO. 1706/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
1.450	-7.874	1.18006	1.23948	1.15232	1.10196	.76214	.98850	1.05297	.97315	.93597	.54443
1.450	-6.841	1.19649	1.25966	1.16560	1.10965	.76763	1.00972	1.07589	.99113	.95889	.55410
1.451	-5.831	1.21484	1.27917	1.17850	1.11770	.77562	1.02816	1.09423	1.00466	.97613	.56102
1.450	-4.811	1.22569	1.29247	1.18952	1.12563	.78001	1.04137	1.10955	1.01566	.98605	.56646
1.450	-3.790	1.23672	1.30803	1.20038	1.13277	.78500	1.05496	1.12391	1.02686	.99454	.57234
1.450	-2.773	1.24545	1.32035	1.20855	1.13702	.78828	1.06363	1.13368	1.03394	.99883	.57511
1.450	-1.750	1.25333	1.32882	1.21582	1.14068	.79071	1.07202	1.14481	1.04147	1.00477	.57928
1.450	-.740	1.25567	1.33355	1.22005	1.14094	.79008	1.07658	1.14895	1.04496	1.00625	.58091
1.450	.272	1.25540	1.33607	1.22273	1.14109	.78870	1.07808	1.14800	1.04328	1.00282	.58371
1.450	1.254	1.25480	1.33839	1.22582	1.14087	.78794	1.07911	1.15073	1.04768	1.00395	.58500
1.450	2.240	1.25063	1.33694	1.22633	1.13831	.78505	1.07621	1.14987	1.04541	1.00150	.58480
	GRADIENT	.00353	.00610	.00511	.00168	.00060	.00489	.00549	.00407	.00200	.00256

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

(SCM057) (03 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	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
1.469	-7.887	1.16814	1.23526	1.14638	1.09698	.75748	.97413	1.05439	.97373	.93864	.54226
1.469	-6.855	1.18321	1.25661	1.15990	1.10408	.76321	.99285	1.07616	.99008	.96100	.55130
1.470	-5.841	1.20044	1.27557	1.17241	1.11077	.77094	1.00876	1.09502	1.00393	.97774	.55831
1.469	-4.822	1.21024	1.28959	1.18347	1.11845	.77575	1.02210	1.11082	1.01584	.98754	.56449
1.469	-3.808	1.21832	1.30292	1.19235	1.12448	.77966	1.03219	1.12338	1.02611	.99386	.56953
1.469	-2.789	1.22516	1.31431	1.20028	1.12831	.78253	1.04071	1.13351	1.03383	.99948	.57319
1.469	-1.769	1.23038	1.32307	1.20749	1.13101	.78452	1.04699	1.14232	1.03929	1.00361	.57624
1.469	-.761	1.23379	1.32868	1.21243	1.13156	.78476	1.05276	1.14762	1.04407	1.00646	.57961
1.469	.249	1.23352	1.33132	1.21520	1.13190	.78259	1.05455	1.14532	1.04145	1.00027	.58092
1.469	1.232	1.23234	1.33244	1.21696	1.13083	.78073	1.05462	1.14634	1.04479	1.00170	.58215
1.469	2.221	1.22789	1.33099	1.21722	1.12823	.77770	1.05095	1.14639	1.04148	.99822	.58126
	GRADIENT	.00264	.00585	.00484	.00133	.00024	.00428	.00480	.00356	.00142	.00245

RUN NO. 1692/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
1.497	-7.845	1.15459	1.23371	1.14305	1.09347	.75724	.95580	1.04879	.96815	.93669	.54149
1.497	-6.858	1.16519	1.25358	1.15575	1.10072	.76316	.96903	1.07008	.98445	.95826	.55110
1.497	-5.849	1.17672	1.27094	1.16695	1.10608	.76908	.97881	1.08758	.99687	.97377	.55699
1.497	-4.833	1.18516	1.28604	1.17920	1.11560	.77465	.98808	1.10457	1.00927	.98384	.56341
1.497	-3.821	1.18836	1.29927	1.18871	1.12213	.77781	.99312	1.11733	1.01946	.98943	.56757
1.497	-2.796	1.19262	1.31154	1.19722	1.12613	.78033	.99821	1.12826	1.02760	.99535	.57095
1.497	-1.783	1.19575	1.32020	1.20418	1.12804	.78132	1.00258	1.13902	1.03387	1.00036	.57432
1.496	-.774	1.19457	1.32427	1.20705	1.12596	.78007	1.00288	1.14045	1.03700	1.00159	.57551
1.497	.235	1.19491	1.32737	1.21017	1.12689	.77942	1.00561	1.13963	1.03357	.99435	.57759
1.496	1.217	1.19451	1.32817	1.21165	1.12517	.77692	1.00694	1.13856	1.03783	.99602	.57881
1.497	2.207	1.19247	1.32676	1.21197	1.12277	.77355	1.00687	1.14178	1.03474	.99337	.57876
	GRADIENT	.00104	.00570	.00457	.00078	-.00018	.00264	.00477	.00345	.00117	.00219

RUN NO. 1687/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
1.521	-7.847	1.09073	1.22347	1.13216	1.08302	.74861	.88003	1.04113	.96045	.93394	.53730
1.520	-6.866	1.08384	1.24353	1.14564	1.09112	.75500	.87226	1.06167	.97592	.95528	.54655
1.521	-5.849	1.07468	1.26126	1.15709	1.09709	.76104	.85950	1.07855	.98760	.96871	.55319
1.520	-4.830	1.06281	1.27657	1.16770	1.10388	.76534	.84640	1.09493	.99898	.97700	.55934
1.521	-3.814	1.05240	1.29028	1.17745	1.11065	.76988	.83623	1.11012	1.01006	.98335	.56437
1.521	-2.803	1.04263	1.30168	1.18440	1.11475	.77305	.82645	1.12439	1.01901	.98977	.56837
1.521	-1.785	1.03264	1.31043	1.19252	1.11629	.77508	.81373	1.13555	1.02585	.99501	.57109
1.520	-.777	1.02062	1.31504	1.19585	1.11492	.77399	.80103	1.13216	1.02847	.99558	.57180
1.520	.237	1.01663	1.31918	1.19985	1.11655	.77343	.79808	1.13175	1.02459	.98838	.57316
1.520	1.220	1.02230	1.32072	1.20218	1.11540	.77187	.80516	1.13090	1.02990	.99122	.57421
1.520	2.207	1.02933	1.31924	1.20257	1.11317	.76903	.81638	1.13836	1.02845	.98855	.57351
	GRADIENT	-.00563	.00602	.00494	.00110	.00043	-.00550	.00506	.00385	.00139	.00194

IA310 (AEDC 16TF-783) PROBE CALIBRATION (SCM057) (03 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	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
1.541	-7.888	.94643	1.22055	1.12804	1.08033	.74418	.70347	1.02982	.94817	.92870	.53510
1.543	-6.862	.88995	1.23803	1.13953	1.08648	.74982	.66477	1.04955	.96010	.94674	.54410
1.542	-5.847	.86998	1.25696	1.15157	1.09270	.75615	.65075	1.07180	.97359	.95437	.55004
1.545	-4.831	.86252	1.27388	1.16368	1.10233	.76244	.65652	1.10094	.99077	.96540	.55874
1.544	-3.819	.86053	1.28650	1.16909	1.10516	.76493	.66432	1.12036	1.00270	.97487	.56261
1.543	-2.800	.86504	1.29967	1.17799	1.10812	.76805	.67788	1.12725	1.01409	.98312	.56661
1.543	-1.781	.86728	1.31097	1.18613	1.10936	.77013	.68833	1.11052	1.02041	.98696	.56948
1.543	-.775	.87006	1.31847	1.18950	1.10897	.77043	.69738	1.09058	1.01119	.97674	.57087
1.543	.234	.87201	1.32308	1.19304	1.10864	.76991	.70404	1.09378	1.00457	.97027	.57050
1.543	1.217	.86976	1.32314	1.19344	1.10586	.76704	.70326	1.08923	1.00751	.97027	.57101
1.543	2.207	.86503	1.31902	1.19451	1.10468	.76538	.69808	1.10358	1.02248	.97730	.57014
	GRADIENT	.00104	.00684	.00458	.00026	.00044	.00680	-.00305	.00247	.00004	.00160

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(SCM058) (03 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	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
.600	-3.745	.60877	.64655	.56851	.53099	.14513	.77596	.80704	.75910	.66377	.35114
.600	-2.728	.63475	.67389	.59602	.55738	.17338	.75748	.79079	.73954	.64474	.32392
.600	-1.724	.65838	.69834	.62176	.58251	.20016	.73588	.77133	.71730	.63585	.29477
.600	-.718	.68264	.72309	.64589	.60799	.22974	.71458	.75234	.69544	.61845	.26735
.600	-.289	.69441	.73461	.65839	.62045	.24245	.70537	.74374	.68571	.60762	.25485
.600	.737	.71436	.75497	.68264	.64285	.26987	.68209	.72077	.66079	.58383	.22595
.600	1.747	.73595	.77620	.70685	.66558	.29831	.65776	.69743	.63506	.55517	.19605
.600	2.757	.75576	.79545	.72808	.68714	.32610	.63355	.67351	.60929	.52865	.16729
.600	3.771	.77554	.81446	.75011	.70845	.35375	.60729	.64838	.58188	.51138	.13687
	GRADIENT	.02213	.02226	.02418	.02364	.02783	-.02251	-.02125	-.02367	-.02102	-.02852

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(SCM058) (03 OCT 91)

PARAMETRIC DATA

ALPHA = -8.000 PHI = 180.000

MACH	BETA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
.800	-3.820	.70054	.73284	.64906	.61058	.20586	.86252	.89192	.84069	.74856	.41867
.800	-2.803	.72460	.75848	.67655	.63610	.23557	.84415	.87523	.82073	.73855	.39155
.801	-1.801	.75256	.78873	.70736	.66778	.27417	.82823	.86115	.80442	.72861	.37166
.800	-.790	.77041	.80778	.72743	.68586	.29323	.80419	.83843	.77838	.70276	.33520
.800	-.211	.78246	.81985	.74196	.69917	.30804	.79076	.82587	.76439	.68923	.31763
.800	.832	.80315	.84133	.76557	.72293	.33771	.76851	.80343	.74010	.66156	.28776
.800	1.835	.82338	.86103	.78809	.74516	.36555	.74502	.78146	.71555	.63669	.25796
.799	2.841	.84404	.88096	.81022	.76746	.39395	.72309	.75979	.69173	.61974	.22960
.800	3.845	.86439	.89998	.83172	.78930	.42324	.70032	.73674	.66641	.60375	.20121
	GRADIENT	.02104	.02150	.02357	.02304	.02785	-.02149	-.02056	-.02301	-.02051	-.02885

MACH	BETA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
.900	-3.810	.76863	.80007	.71428	.67642	.28068	.92197	.94988	.89853	.81367	.48320
.900	-2.784	.79119	.82373	.74017	.69981	.30666	.90451	.93447	.88007	.80438	.45749
.900	-1.783	.81384	.84791	.76419	.72443	.33488	.88600	.91740	.86006	.78619	.43093
.900	-.778	.83634	.87139	.79091	.74875	.36354	.86761	.90015	.84062	.76845	.40462
.900	-.229	.84625	.88253	.80304	.76125	.37819	.85448	.88837	.82711	.75581	.38769
.900	.808	.86624	.90300	.82610	.78339	.40571	.83245	.86667	.80325	.72803	.35837
.900	1.812	.88630	.92293	.84838	.80535	.43308	.81122	.84561	.77975	.70703	.33003
.900	2.821	.90547	.94163	.86981	.82643	.46040	.78983	.82416	.75661	.68999	.30349
.900	3.820	.92490	.95940	.88980	.84721	.48746	.76783	.80166	.73201	.67167	.27511
	GRADIENT	.02037	.02089	.02306	.02244	.02721	-.02041	-.01962	-.02200	-.01975	-.02748

MACH	BETA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
.900	-3.936	.92652	.95512	.87294	.83632	.47709	1.06991	1.09571	1.04700	.97473	.66512
1.100	-2.917	.94867	.97821	.89816	.85977	.50247	1.05547	1.08263	1.03130	.96283	.64280
1.100	-1.913	.96796	.99903	.91985	.88097	.52638	1.03797	1.06700	1.01323	.94595	.61875
1.101	-.911	.98782	1.02027	.94386	.90315	.55183	1.02057	1.05051	.99464	.92880	.59406
1.099	-.087	.99933	1.03325	.95778	.91812	.56990	1.00186	1.03354	.97584	.90924	.57141
1.099	.963	1.01902	1.05333	.98073	.93972	.59593	.98283	1.01476	.95473	.88616	.54557
1.100	1.957	1.03721	1.07151	1.00131	.95973	.62111	.96390	.99601	.93389	.87075	.52143
1.099	2.958	1.05414	1.08758	1.01960	.97971	.64434	.94413	.97592	.91218	.85484	.49612
1.100	3.965	1.07260	1.10480	1.03897	.99776	.66993	.92575	.95689	.89118	.83767	.47195
	GRADIENT	.01820	.01878	.02087	.02030	.02431	-.01863	-.01789	-.02004	-.01809	-.02474

MACH	BETA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
1.099	-3.936	.92652	.95512	.87294	.83632	.47709	1.06991	1.09571	1.04700	.97473	.66512
1.100	-2.917	.94867	.97821	.89816	.85977	.50247	1.05547	1.08263	1.03130	.96283	.64280
1.100	-1.913	.96796	.99903	.91985	.88097	.52638	1.03797	1.06700	1.01323	.94595	.61875
1.101	-.911	.98782	1.02027	.94386	.90315	.55183	1.02057	1.05051	.99464	.92880	.59406
1.099	-.087	.99933	1.03325	.95778	.91812	.56990	1.00186	1.03354	.97584	.90924	.57141
1.099	.963	1.01902	1.05333	.98073	.93972	.59593	.98283	1.01476	.95473	.88616	.54557
1.100	1.957	1.03721	1.07151	1.00131	.95973	.62111	.96390	.99601	.93389	.87075	.52143
1.099	2.958	1.05414	1.08758	1.01960	.97971	.64434	.94413	.97592	.91218	.85484	.49612
1.100	3.965	1.07260	1.10480	1.03897	.99776	.66993	.92575	.95689	.89118	.83767	.47195
	GRADIENT	.01820	.01878	.02087	.02030	.02431	-.01863	-.01789	-.02004	-.01809	-.02474

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(SCM058) (03 OCT 91)

PARAMETRIC DATA

ALPHA = -8.000 PHI = 180.000

RUN NO. 1725/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CPR	CPC7	CPC8	CPC9	CPC3	CPL	CPC10	CPC11	CPC12	CPC04
1.249	-3.888	.99759	1.02891	.94152	.90427	.54379	1.14542	1.17344	1.12061	1.05052	.72871
1.250	-2.831	1.01848	1.05174	.96643	.92757	.56890	1.12595	1.15687	1.10129	1.03281	.70383
1.250	-1.820	1.03826	1.07338	.99011	.94949	.59331	1.10737	1.13996	1.08197	1.01511	.67935
1.250	-.821	1.05795	1.09416	1.01206	.97053	.61710	1.08882	1.12270	1.06245	.99636	.65454
1.250	-.178	1.07013	1.10696	1.02664	.98446	.63266	1.07594	1.10992	1.04826	.98166	.63907
1.250	.872	1.08890	1.12639	1.04896	1.00580	.65784	1.05556	1.08980	1.02650	.96067	.61297
1.249	1.869	1.10710	1.14412	1.06850	1.02522	.68149	1.03519	1.07041	1.00490	.94519	.58814
1.250	2.876	1.12558	1.16161	1.08848	1.04501	.70580	1.01594	1.05133	.98391	.92959	.56445
1.250	3.887	1.14381	1.17879	1.10794	1.06437	.73067	.99594	1.03109	.96182	.91198	.53981
	GRADIENT	.01876	.01924	.02138	.02058	.02401	-.01930	-.01846	-.02055	-.01812	-.02439

RUN NO. 1717/ O RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CPR	CPC7	CPC8	CPC9	CPC3	CPL	CPC10	CPC11	CPC12	CPC04
1.400	-3.903	1.01456	1.06079	.96092	.92384	.56328	1.17522	1.21394	1.15390	1.08224	.75129
1.400	-2.844	1.03688	1.08493	.98713	.94726	.58719	1.15366	1.19523	1.13221	1.06334	.72510
1.399	-1.841	1.05750	1.10730	1.01125	.96934	.61106	1.13140	1.17540	1.11009	1.04271	.69854
1.400	-.835	1.07912	1.13006	1.03612	.99219	.63551	1.11190	1.15758	1.08993	1.02238	.67441
1.400	-.159	1.09460	1.14522	1.05337	1.00851	.65209	1.09766	1.14437	1.07590	1.00982	.65730
1.400	.885	1.11601	1.16695	1.07719	1.03138	.67796	1.07688	1.12477	1.05390	.99333	.63194
1.400	1.888	1.13626	1.18552	1.09863	1.05178	.70224	1.05464	1.10347	1.03059	.97607	.60618
1.400	2.883	1.15767	1.20550	1.12090	1.07342	.72759	1.03425	1.08393	1.00924	.95915	.58226
1.400	3.894	1.17795	1.22363	1.14092	1.09344	.75180	1.01257	1.06097	.98483	.93973	.55643
	GRADIENT	.02103	.02096	.02322	.02190	.02440	-.02081	-.01951	-.02156	-.01816	-.02494

RUN NO. 1707/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CPR	CPC7	CPC8	CPC9	CPC3	CPL	CPC10	CPC11	CPC12	CPC04
1.450	-3.759	.99754	1.05893	.95407	.92001	.56071	1.16299	1.21195	1.14965	1.08098	.74448
1.450	-2.736	1.01948	1.08380	.98052	.94272	.58391	1.14056	1.19286	1.12859	1.06206	.71843
1.450	-1.725	1.04389	1.10973	1.00911	.96749	.60988	1.11957	1.17522	1.10813	1.04264	.69352
1.449	-.724	1.06458	1.13132	1.03373	.98973	.63353	1.09635	1.15528	1.08587	1.02197	.66756
1.450	-.271	1.07476	1.14030	1.04528	1.00098	.64845	1.08406	1.14673	1.07675	1.01575	.65535
1.450	.768	1.09520	1.16041	1.06782	1.02263	.67265	1.06040	1.12391	1.05242	.99651	.62908
1.450	1.777	1.11733	1.18111	1.09086	1.04496	.69814	1.03793	1.10194	1.02934	.97822	.60467
1.450	2.768	1.13836	1.20034	1.11291	1.06629	.72306	1.01604	1.08073	1.00672	.96028	.58127
1.450	3.794	1.15986	1.21892	1.13421	1.08706	.74899	.99290	1.05750	.98194	.94084	.55602
	GRADIENT	.02143	.02103	.02381	.02220	.02509	-.02268	-.02051	-.02224	-.01848	-.02500

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(SCM058) (03 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	CPR	CPC7	CPC8	CPC9	CPC3	CPL	CPC10	CPC11	CPC12	CPO4
1.469	-3.779	.98265	1.05764	.94877	.91262	.55853	1.15250	1.21470	1.15121	1.08243	.74147
1.469	-2.756	1.00536	1.08226	.97608	.93590	.58335	1.12967	1.19729	1.13089	1.06451	.71652
1.470	-1.751	1.02766	1.10655	1.00334	.96066	.60764	1.10575	1.17747	1.10836	1.04337	.69020
1.470	-.739	1.05015	1.13011	1.02950	.98531	.63224	1.08343	1.15860	1.08705	1.02449	.66523
1.469	-.254	1.05639	1.13707	1.03815	.99488	.64419	1.06366	1.14091	1.06932	1.01112	.65188
1.469	.796	1.07837	1.15812	1.06212	1.01708	.66936	1.03957	1.11841	1.04534	.99192	.62619
1.470	1.798	1.10204	1.17911	1.08522	1.03969	.69468	1.01712	1.09722	1.02237	.97414	.60140
1.470	2.797	1.12505	1.19958	1.10782	1.06159	.72003	.99437	1.07523	.99892	.95596	.57617
1.470	3.814	1.14878	1.21851	1.12946	1.08250	.74529	.97291	1.05281	.97519	.93824	.55094
	GRADIENT	.02160	.02101	.02362	.02240	.02459	-.02412	-.02178	-.02357	-.01925	-.02514

RUN NO. 1693/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CPR	CPC7	CPC8	CPC9	CPC3	CPL	CPC10	CPC11	CPC12	CPO4
1.498	-3.792	.96381	1.05123	.94121	.90710	.55728	1.13593	1.20594	1.14240	1.07521	.73853
1.497	-2.773	.98074	1.07339	.96662	.92762	.57891	1.10557	1.18516	1.11922	1.05402	.71105
1.497	-1.764	1.00255	1.09671	.99313	.95201	.60274	1.08157	1.16591	1.09783	1.03327	.68601
1.496	-.758	1.02471	1.12017	1.01887	.97609	.62742	1.05789	1.14679	1.07622	1.01512	.66097
1.494	-.240	1.03187	1.12811	1.03012	.98739	.64055	1.03919	1.13174	1.06110	1.00371	.64933
1.495	.813	1.05091	1.14902	1.05321	1.00923	.66440	1.01181	1.10919	1.03674	.98498	.62338
1.496	1.807	1.07546	1.16930	1.07590	1.03127	.68928	.98940	1.08681	1.01301	.96610	.59848
1.495	2.811	1.09996	1.18919	1.09866	1.05290	.71426	.96816	1.06532	.99013	.94772	.57427
1.496	3.820	1.12583	1.20858	1.12077	1.07418	.74038	.94896	1.04374	.96719	.93179	.55075
	GRADIENT	.02110	.02059	.02350	.02210	.02412	-.02482	-.02152	-.02318	-.01889	-.02458

RUN NO. 1688/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CPR	CPC7	CPC8	CPC9	CPC3	CPL	CPC10	CPC11	CPC12	CPO4
1.521	-3.835	.89924	1.04721	.93549	.89923	.55096	1.08294	1.20227	1.13810	1.07404	.73679
1.521	-2.770	.91256	1.07112	.96272	.92193	.57506	1.04500	1.18165	1.11572	1.05293	.71033
1.520	-1.767	.93034	1.09533	.98927	.94951	.59996	1.01296	1.16217	1.09378	1.03266	.68468
1.520	-.756	.94743	1.11747	1.01482	.97165	.62355	.98142	1.14218	1.07138	1.01573	.65919
1.520	-.234	.92365	1.12432	1.02416	.98123	.63744	.93117	1.12686	1.05451	1.00167	.64514
1.521	.803	.95137	1.14592	1.04837	1.00479	.66255	.90776	1.10562	1.03183	.98391	.62016
1.521	1.812	.97820	1.16681	1.07117	1.02709	.68725	.88206	1.08339	1.00787	.96449	.59443
1.520	2.823	1.01506	1.18765	1.09426	1.04907	.71282	.86800	1.06221	.98517	.94766	.57001
1.520	3.821	1.05037	1.20725	1.11607	1.06971	.73779	.85448	1.04024	.96139	.93125	.54535
	GRADIENT	.01827	.02071	.02343	.02231	.02448	-.03148	-.02137	-.02331	-.01878	-.02505

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(SCM058) (03 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	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
1.543	-3.791	.71405	1.03643	.92227	.88923	.54793	.92208	1.19166	1.12842	1.06538	.73261
1.545	-2.772	.69769	1.05905	.94803	.91142	.56971	.85284	1.16937	1.10413	1.04353	.70560
1.544	-1.765	.71615	1.08349	.97568	.93813	.59339	.81797	1.15015	1.08228	1.02338	.68072
1.543	-.758	.73800	1.10678	1.00211	.96203	.61692	.78485	1.12956	1.05947	1.00648	.65564
1.542	-.236	.74582	1.11791	1.01630	.97539	.63030	.75699	1.11885	1.04662	.99697	.63831
1.544	.806	.77214	1.14084	1.04351	1.00275	.65700	.73260	1.09926	1.02504	.98051	.61491
1.543	1.817	.80186	1.16038	1.06609	1.02385	.68085	.70566	1.07598	.99946	.96011	.58837
1.543	2.816	.83868	1.18122	1.08894	1.04593	.70597	.68691	1.05514	.97609	.94309	.56450
1.544	3.829	.88501	1.20328	1.11272	1.06859	.73324	.67337	1.03398	.95275	.92753	.54127
	GRADIENT	.02352	.02182	.02511	.02380	.02439	-.03153	-.02059	-.02300	-.01796	-.02524

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(SCM059) (03 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	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
.600	-4.121	.74191	.78208	.65105	.56938	.18173	.90582	.94313	.86400	.80697	.41196
.600	-3.141	.76598	.81062	.68133	.59895	.21153	.88803	.92644	.84423	.78801	.38653
.600	-2.191	.78719	.83299	.70821	.62509	.23866	.86909	.90735	.82267	.76702	.35919
.600	-1.256	.80648	.85343	.73381	.64976	.26496	.84972	.88785	.80131	.74632	.33265
.600	-.303	.82669	.87560	.76111	.67694	.29285	.83106	.86817	.77939	.72452	.30588
.600	.734	.84541	.89431	.78511	.70200	.31926	.80830	.84330	.75234	.69815	.27518
.600	1.785	.86695	.91605	.81180	.72989	.34937	.78510	.81880	.72608	.67296	.24523
.600	2.833	.88786	.93683	.83742	.75687	.37827	.76156	.79416	.69977	.64786	.21549
.600	3.873	.90513	.95331	.85874	.77960	.40625	.73606	.76888	.67035	.62117	.18527
	GRADIENT	.02032	.02120	.02600	.02633	.02797	-.02121	-.02201	-.02426	-.02341	-.02850

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(SCM059) (03 OCT 91)

PARAMETRIC DATA

ALPHA = 2.000 PHI = 180.000

RUN NO. 1752/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CPR	CPC7	CPC8	CPC9	CPC3	CPL	CPC10	CPC11	CPC12	CPO4
.799	-4.086	.82196	.86469	.73187	.64691	.24537	.97662	1.01644	.93621	.87834	.47449
.800	-3.097	.84346	.88904	.76001	.67425	.27382	.95812	.99833	.91553	.85782	.44706
.800	-2.136	.86436	.91171	.78673	.70098	.30155	.94078	.98067	.89549	.83795	.41998
.800	-1.188	.88357	.93192	.81212	.72610	.32878	.92291	.96207	.87446	.81742	.39310
.800	-.228	.90145	.95176	.83648	.75104	.35564	.90318	.94121	.85139	.79549	.36519
.800	.795	.92035	.97178	.86180	.77723	.38372	.88211	.91840	.82599	.77180	.33538
.800	1.840	.93977	.99160	.88653	.80358	.41240	.85993	.89496	.80058	.74760	.30563
.800	2.888	.95953	1.01095	.91105	.82916	.44191	.83719	.87045	.77444	.72232	.27506
.800	3.918	.97778	1.02829	.93314	.85251	.47031	.81387	.84724	.74749	.69702	.24469
	GRADIENT	.01934	.02034	.02515	.02575	.02805	-.02032	-.02047	-.02366	-.02268	-.02874

RUN NO. 1665/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CPR	CPC7	CPC8	CPC9	CPC3	CPL	CPC10	CPC11	CPC12	CPO4
.900	-4.089	.87965	.92367	.79110	.70728	.31379	1.02875	1.06811	.98962	.93318	.53637
.900	-3.100	.90126	.94778	.81936	.73511	.34226	1.01205	1.05191	.97060	.91454	.51026
.900	-2.142	.92140	.96903	.84523	.76056	.36962	.99452	1.03380	.95028	.89486	.48370
.900	-1.199	.93908	.98744	.86866	.78374	.39517	.97653	1.01568	.92958	.87466	.45797
.900	-.236	.95650	1.00675	.89218	.80741	.42095	.95809	.99624	.90789	.85385	.43145
.900	.798	.97511	1.02683	.91672	.83319	.44834	.93776	.97417	.88365	.83068	.40253
.900	1.841	.99357	1.04585	.94081	.85904	.47571	.91691	.95159	.85960	.80755	.37325
.900	2.881	1.01173	1.06383	.96368	.88318	.50394	.89486	.92789	.83391	.78301	.34339
.900	3.911	1.03005	1.08148	.98592	.90676	.53224	.87363	.90627	.80877	.76046	.31589
	GRADIENT	.01857	.01955	.02421	.02484	.02711	-.01948	-.02047	-.02273	-.02178	-.02769

RUN NO. 1744/ O RN/L = 2.51 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CPR	CPC7	CPC8	CPC9	CPC3	CPL	CPC10	CPC11	CPC12	CPO4
1.099	-4.031	1.02679	1.06922	.94643	.86664	.50947	1.15936	1.19712	1.12405	1.07081	.70658
1.100	-3.023	1.04641	1.09067	.97159	.89184	.53489	1.14376	1.18164	1.10597	1.05307	.68248
1.100	-2.051	1.06492	1.11032	.99577	.91575	.56000	1.12764	1.16534	1.08743	1.03540	.65868
1.100	-1.082	1.08137	1.12761	1.01759	.93763	.58401	1.11118	1.14841	1.06807	1.01653	.63489
1.100	-.106	1.09733	1.14492	1.03886	.95951	.60697	1.09428	1.13035	1.04806	.99751	.61070
1.100	.920	1.11397	1.16279	1.06063	.98244	.63145	1.07628	1.11073	1.02628	.97680	.58472
1.099	1.944	1.13078	1.17978	1.08202	1.00557	.65568	1.05818	1.09090	1.00500	.95632	.55907
1.100	2.966	1.14793	1.19687	1.10353	1.02823	.68187	1.03941	1.07080	.98302	.93536	.53414
1.100	3.982	1.16409	1.21189	1.12290	1.04886	.70654	1.01984	1.05069	.96015	.91509	.50933
	GRADIENT	.01696	.01771	.02194	.02270	.02446	-.01742	-.01842	-.02052	-.01957	-.02472

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(SCM059) (03 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	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
1.484	-4.105	1.06115	1.17289	1.02245	.93259	.57920	1.22470	1.31373	1.22277	1.16692	.78241
1.470	-3.111	1.08073	1.19649	1.04867	.95857	.60209	1.20172	1.29466	1.20027	1.14590	.75715
1.470	-2.157	1.09911	1.21694	1.07320	.98262	.62586	1.17957	1.27477	1.17919	1.12595	.73282
1.470	-1.226	1.11582	1.23483	1.09619	1.00461	.64996	1.15673	1.25530	1.15873	1.10608	.70907
1.485	-.265	1.13507	1.25345	1.12008	1.02736	.67383	1.13512	1.23550	1.13674	1.08557	.68448
1.471	.759	1.15717	1.27348	1.14554	1.05237	.70029	1.11445	1.21576	1.11478	1.06558	.65893
1.470	1.813	1.17944	1.29171	1.16848	1.07587	.72460	1.09301	1.19347	1.09055	1.04348	.63276
1.470	2.863	1.20360	1.31193	1.19394	1.10310	.75166	1.07274	1.17101	1.06659	1.02122	.60703
1.484	3.899	1.22763	1.33049	1.21727	1.12845	.77761	1.05100	1.14693	1.04182	.99858	.58121
GRADIENT		.02067	.01944	.02429	.02424	.02489	-.02165	-.02072	-.02249	-.02093	-.02514

RUN NO. 1696/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
1.495	-4.100	1.01565	1.16514	1.01271	.92347	.57506	1.18750	1.30767	1.21659	1.16170	.77764
1.495	-3.103	1.02842	1.18991	1.03857	.94941	.59818	1.15755	1.28707	1.19370	1.13994	.75181
1.495	-2.146	1.04459	1.21108	1.06376	.97387	.62253	1.13092	1.26852	1.17335	1.12087	.72849
1.494	-1.213	1.06062	1.22825	1.08655	.99559	.64574	1.10532	1.24982	1.15222	1.10114	.70537
1.494	-.258	1.07844	1.24473	1.10870	1.01700	.66894	1.08085	1.22981	1.13022	1.08033	.68103
1.495	.779	1.10469	1.26531	1.13440	1.04216	.69428	1.05974	1.20906	1.10765	1.05926	.65488
1.495	1.819	1.13029	1.28473	1.15893	1.06636	.71917	1.03979	1.18725	1.08351	1.03737	.62837
1.495	2.874	1.16119	1.30566	1.18579	1.09435	.74652	1.02303	1.16475	1.05807	1.01427	.60200
1.495	3.907	1.19094	1.32567	1.21103	1.12173	.77298	1.00569	1.14036	1.03345	.99213	.57803
GRADIENT		.02202	.01960	.02460	.02438	.02469	-.02263	-.02071	-.02278	-.02111	-.02503

RUN NO. 1691/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
1.521	-4.099	.83707	1.16274	1.00602	.91770	.57556	1.03266	1.30138	1.20958	1.15589	.77400
1.521	-3.103	.81718	1.18786	1.03211	.94296	.59892	.97044	1.28180	1.18785	1.13510	.74822
1.521	-2.151	.81502	1.21028	1.05627	.96745	.62273	.91855	1.26450	1.16719	1.11566	.72434
1.521	-1.215	.82542	1.22792	1.07794	.98813	.64557	.87841	1.24750	1.14609	1.09574	.70049
1.521	-.256	.84642	1.24543	1.10072	1.00986	.66781	.85291	1.22987	1.12462	1.07559	.67662
1.521	.778	.87073	1.26222	1.12531	1.03362	.69110	.82464	1.20850	1.09990	1.05308	.64976
1.521	1.826	.91478	1.28082	1.15139	1.05967	.71696	.81017	1.18715	1.07711	1.03291	.62417
1.521	2.875	.97427	1.30063	1.17786	1.08652	.74369	.81388	1.16444	1.05364	1.01169	.59879
1.521	3.907	1.03433	1.31981	1.20314	1.11371	.76964	.82270	1.13947	1.02951	.98969	.57434
GRADIENT		.02537	.01904	.02443	.02412	.02412	-.02614	-.01994	-.02252	-.02075	-.02500

IA310 (AEDC 16TF-783) PROBE CALIBRATION (SCM059) (03 OCT 91)

PARAMETRIC DATA

ALPHA = 2.000 PHI = 180.000

RUN NO. 1684/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
1.544	-4.099	.69893	1.12086	.98584	.89960	.57492	.87435	1.30739	1.20835	1.15433	.76812
1.544	-3.108	.84915	1.07841	1.01218	.92847	.59764	.95522	1.33238	1.18973	1.13559	.74246
1.544	-2.147	.91037	1.08613	1.04801	.95816	.61991	.97376	1.32077	1.17130	1.11513	.71724
1.543	-1.209	.93790	1.11989	1.08193	.98451	.64179	.97055	1.24339	1.15314	1.09482	.69359
1.543	.250	.95036	1.19070	1.11013	1.00785	.66420	.95420	1.15331	1.13163	1.07301	.66924
1.543	.784	.95125	1.29478	1.13238	1.03107	.68685	.92156	1.09898	1.10223	1.04680	.64237
1.544	1.820	.94044	1.33933	1.15338	1.05617	.71207	.87544	1.07302	1.07327	1.02192	.61820
1.543	2.879	.88078	1.31864	1.17377	1.08099	.73901	.76945	1.08407	1.04681	.99825	.59354
1.544	3.907	.86548	1.32023	1.19541	1.10545	.76623	.69896	1.10658	1.02402	.97875	.57069
	GRADIENT	.01348	.03669	.02637	.02541	.02369	-.02556	-.03631	-.02362	-.02252	-.02479

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(SCM060) (03 OCT 91)

PARAMETRIC DATA

BETA = -1.000 PHI = 180.000

RUN NO. 1729/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
1.250	-5.036	1.11538	1.15402	1.05340	.99266	.64047	1.14252	1.17800	1.10344	1.05486	.67706
1.250	-4.776	1.11897	1.15774	1.05609	.99405	.64166	1.14620	1.18175	1.10637	1.05853	.67884
1.250	-4.525	1.12226	1.16145	1.05926	.99564	.64331	1.14873	1.18457	1.10845	1.06072	.67962
1.249	-4.279	1.12536	1.16457	1.06136	.99670	.64393	1.15198	1.18792	1.11099	1.06335	.68083
1.250	-4.029	1.12892	1.16852	1.06395	.99907	.64601	1.15486	1.19101	1.11348	1.06622	.68244
1.250	-3.788	1.13169	1.17150	1.06576	1.00096	.64661	1.15782	1.19411	1.11582	1.06853	.68344
1.250	-3.537	1.13521	1.17547	1.06846	1.00419	.64803	1.16140	1.19807	1.11880	1.07197	.68522
1.250	-3.289	1.13816	1.17870	1.07060	1.00670	.64936	1.16417	1.20101	1.12114	1.07474	.68644
1.250	-3.041	1.13955	1.18038	1.07095	1.00677	.64946	1.16559	1.20265	1.12214	1.07638	.68676
	GRADIENT	.01230	.01348	.00884	.00811	.00470	.01174	.01260	.00960	.01073	.00499

IA310 (AEDC 16TF-783) PROBE CALIBRATION (SCM061) (03 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	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
1.250	-5.032	1.12022	1.15920	1.05940	.99868	.64688	1.13767	1.17341	1.09805	1.05026	.67080
1.250	-4.767	1.12362	1.16280	1.06197	.99962	.64772	1.14161	1.17746	1.10133	1.05403	.67267
1.250	-4.519	1.12682	1.16610	1.06455	1.00090	.64900	1.14442	1.18029	1.10347	1.05629	.67374
1.250	-4.271	1.13035	1.16993	1.06709	1.00294	.65059	1.14773	1.18382	1.10634	1.05919	.67537
1.250	-4.022	1.13366	1.17345	1.06965	1.00481	.65206	1.15046	1.18674	1.10843	1.06147	.67622
1.250	-3.774	1.13719	1.17745	1.07230	1.00767	.65345	1.15375	1.19024	1.11105	1.06428	.67740
1.250	-3.525	1.13956	1.18007	1.07400	1.00984	.65404	1.15643	1.19306	1.11339	1.06698	.67886
1.250	-3.276	1.14186	1.18279	1.07570	1.01168	.65492	1.15866	1.19539	1.11503	1.06907	.67970
1.250	-3.027	1.14472	1.18598	1.07733	1.01336	.65607	1.16120	1.19805	1.11692	1.07151	.68050
	GRADIENT	.01217	.01341	.00894	.00831	.00478	.01138	.01201	.00913	.01017	.00461

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(SCM062) (03 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	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
1.250	-5.016	1.12420	1.16332	1.06417	1.00356	.65204	1.13318	1.16907	1.09319	1.04584	.66493
1.250	-4.758	1.12872	1.16806	1.06768	1.00566	.65407	1.13734	1.17343	1.09670	1.05009	.66712
1.250	-4.511	1.13190	1.17143	1.07029	1.00703	.65550	1.14006	1.17602	1.09843	1.05189	.66775
1.250	-4.259	1.13519	1.17498	1.07271	1.00855	.65650	1.14362	1.17978	1.10147	1.05493	.66944
1.250	-4.007	1.13826	1.17823	1.07500	1.01031	.65767	1.14640	1.18266	1.10366	1.05725	.67057
1.250	-3.760	1.14110	1.18164	1.07731	1.01258	.65874	1.14909	1.18567	1.10596	1.05952	.67146
1.250	-3.513	1.14445	1.18541	1.08004	1.01618	.66028	1.15191	1.18866	1.10810	1.06207	.67236
1.250	-3.261	1.14674	1.18819	1.08164	1.01796	.66121	1.15419	1.19108	1.11001	1.06449	.67344
1.250	-3.019	1.14915	1.19089	1.08300	1.01919	.66224	1.15667	1.19337	1.11176	1.06670	.67427
	GRADIENT	.01185	.01331	.00901	.00835	.00470	.01117	.01170	.00888	.00971	.00422

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(SCM063) (03 OCT 91)

PARAMETRIC DATA

BETA = -.250 PHI = 180.000

RUN NO. 1732/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
1.250	-5.009	1.12906	1.16839	1.06984	1.00925	.65813	1.12898	1.16501	1.08861	1.04187	.65921
1.250	-4.752	1.13334	1.17271	1.07322	1.01105	.66009	1.13288	1.16886	1.09160	1.04529	.66110
1.250	-4.500	1.13667	1.17639	1.07586	1.01265	.66134	1.13608	1.17232	1.09418	1.04809	.66240
1.249	-4.249	1.13958	1.17967	1.07823	1.01406	.66240	1.13874	1.17502	1.09620	1.05023	.66336
1.250	-4.002	1.14310	1.18351	1.08086	1.01619	.66373	1.14225	1.17853	1.09881	1.05296	.66471
1.250	-3.751	1.14602	1.18684	1.08335	1.01947	.66528	1.14462	1.18110	1.10064	1.05498	.66548
1.250	-3.500	1.14853	1.18993	1.08516	1.02176	.66587	1.14769	1.18432	1.10306	1.05760	.66669
1.250	-3.254	1.15160	1.19317	1.08747	1.02381	.66735	1.15085	1.18747	1.10571	1.06057	.66822
1.250	-3.003	1.15395	1.19582	1.08891	1.02469	.66816	1.15304	1.18972	1.10730	1.06259	.66878
	GRADIENT	.01186	.01334	.00912	.00847	.00469	.01164	.01203	.00906	.00990	.00447

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(SCM064) (03 OCT 91)

PARAMETRIC DATA

BETA = .000 PHI = 180.000

RUN NO. 1733/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
1.250	-5.001	1.13361	1.17307	1.07520	1.01497	.66408	1.12453	1.16055	1.08367	1.03742	.65335
1.250	-4.738	1.13775	1.17747	1.07868	1.01661	.66605	1.12793	1.16410	1.08631	1.04035	.65448
1.250	-4.492	1.14128	1.18117	1.08137	1.01824	.66746	1.13159	1.16793	1.08931	1.04376	.65569
1.250	-4.240	1.14471	1.18522	1.08435	1.02029	.66897	1.13444	1.17092	1.09148	1.04625	.65763
1.250	-3.993	1.14776	1.18870	1.08673	1.02250	.67016	1.13781	1.17445	1.09416	1.04882	.65919
1.250	-3.737	1.15063	1.19173	1.08877	1.02513	.67127	1.14082	1.17736	1.09635	1.05113	.66045
1.250	-3.490	1.15356	1.19504	1.09125	1.02823	.67262	1.14330	1.18000	1.09833	1.05333	.66122
1.250	-3.239	1.15556	1.19731	1.09241	1.02900	.67296	1.14548	1.18209	1.09975	1.05497	.66155
1.249	-2.988	1.15844	1.20081	1.09454	1.03045	.67415	1.14846	1.18537	1.10220	1.05790	.66284
	GRADIENT	.01168	.01315	.00898	.00843	.00458	.01154	.01188	.00885	.00963	.00451

(SCM065) (03 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	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
1.249	-4.991	1.13825	1.17772	1.08066	1.02042	.67003	1.11991	1.15592	1.07838	1.03261	.64695
1.250	-4.732	1.14235	1.18206	1.08396	1.02182	.67175	1.12360	1.15963	1.08125	1.03596	.64854
1.250	-4.485	1.14621	1.18631	1.08720	1.02398	.67369	1.12694	1.16311	1.08388	1.03887	.65007
1.250	-4.232	1.14904	1.18968	1.08948	1.02571	.67471	1.12981	1.16599	1.08600	1.04107	.65101
1.250	-3.979	1.15227	1.19338	1.09219	1.02833	.67623	1.13281	1.16920	1.08840	1.04361	.65228
1.250	-3.732	1.15487	1.19618	1.09392	1.03073	.67692	1.13572	1.17226	1.09076	1.04606	.65362
1.250	-3.479	1.15808	1.19978	1.09663	1.03371	.67841	1.13899	1.17574	1.09350	1.04888	.65523
1.250	-3.226	1.15966	1.20164	1.09749	1.03423	.67864	1.14102	1.17767	1.09480	1.05066	.65591
1.250	-2.977	1.16276	1.20542	1.10020	1.03583	.68022	1.14426	1.18106	1.09744	1.05349	.65738
	GRADIENT	.01190	.01346	.00942	.00817	.00485	.01191	.01234	.00934	.01012	.00509

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(SCM066) (03 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	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
1.250	-4.984	1.14343	1.18306	1.08650	1.02642	.67663	1.11598	1.15181	1.07380	1.02868	.64149
1.250	-4.725	1.14674	1.18693	1.08937	1.02737	.67776	1.11923	1.15535	1.07646	1.03158	.64284
1.250	-4.471	1.15022	1.19059	1.09205	1.02914	.67925	1.12247	1.15859	1.07887	1.03428	.64412
1.250	-4.221	1.15323	1.19397	1.09439	1.03105	.68035	1.12526	1.16149	1.08093	1.03652	.64504
1.250	-3.972	1.15674	1.19792	1.09730	1.03383	.68198	1.12821	1.16445	1.08322	1.03886	.64627
1.250	-3.717	1.15938	1.20085	1.09944	1.03670	.68291	1.13081	1.16718	1.08514	1.04077	.64714
1.250	-3.466	1.16282	1.20462	1.10223	1.03964	.68454	1.13433	1.17073	1.08798	1.04381	.64877
1.250	-3.210	1.16495	1.20707	1.10371	1.04042	.68514	1.13717	1.17370	1.09023	1.04624	.65028
1.250	-2.963	1.16681	1.20944	1.10505	1.04087	.68557	1.13919	1.17573	1.09164	1.04807	.65073
	GRADIENT	.01186	.01327	.00942	.00816	.00469	.01162	.01194	.00892	.00957	.00467

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(SCM067) (03 OCT 91)

PARAMETRIC DATA

BETA = .750 PHI = 180.000

RUN NO. 1736/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
1.250	-4.976	1.14829	1.18829	1.09241	1.03214	.68270	1.11183	1.14785	1.06924	1.02443	.63561
1.250	-4.715	1.15146	1.19192	1.09501	1.03324	.68399	1.11479	1.15104	1.07167	1.02731	.63711
1.250	-4.464	1.15525	1.19599	1.09813	1.03555	.68573	1.11792	1.15417	1.07401	1.02984	.63816
1.250	-4.212	1.15861	1.19952	1.10043	1.03765	.68704	1.12144	1.15754	1.07649	1.03244	.63969
1.250	-3.960	1.16111	1.20243	1.10252	1.03951	.68781	1.12411	1.16033	1.07851	1.03454	.64075
1.250	-3.708	1.16438	1.20623	1.10534	1.04296	.68935	1.12710	1.16352	1.08097	1.03711	.64197
1.250	-3.453	1.16716	1.20912	1.10735	1.04490	.69025	1.13023	1.16659	1.08324	1.03930	.64334
1.250	-3.203	1.16968	1.21198	1.10930	1.04599	.69115	1.13290	1.16923	1.08528	1.04164	.64434
1.250	-2.947	1.17182	1.21466	1.11103	1.04677	.69193	1.13527	1.17176	1.08711	1.04384	.64526
	GRADIENT	.01175	.01308	.00927	.00795	.00460	.01175	.01193	.00891	.00950	.00480

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(SCM068) (03 OCT 91)

PARAMETRIC DATA

BETA = 1.000 PHI = 180.000

RUN NO. 1737/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
1.250	-4.968	1.15282	1.19284	1.09757	1.03760	.68877	1.10693	1.14289	1.06375	1.01950	.62922
1.250	-4.705	1.15654	1.19702	1.10074	1.03925	.69032	1.11078	1.14682	1.06673	1.02273	.63109
1.250	-4.455	1.15961	1.20018	1.10297	1.04096	.69149	1.11351	1.14947	1.06869	1.02499	.63216
1.250	-4.206	1.16272	1.20374	1.10548	1.04290	.69281	1.11676	1.15278	1.07127	1.02759	.63360
1.250	-3.950	1.16588	1.20720	1.10798	1.04543	.69406	1.11987	1.15580	1.07356	1.02997	.63499
1.250	-3.694	1.16841	1.21004	1.10997	1.04803	.69489	1.12252	1.15857	1.07547	1.03209	.63594
1.250	-3.440	1.17112	1.21317	1.11216	1.04977	.69585	1.12536	1.16154	1.07786	1.03450	.63709
1.250	-3.190	1.17421	1.21687	1.11498	1.05151	.69750	1.12859	1.16489	1.08060	1.03727	.63893
1.250	-2.938	1.17640	1.21944	1.11683	1.05241	.69842	1.13123	1.16755	1.08259	1.03945	.64011
	GRADIENT	.01158	.01304	.00938	.00781	.00467	.01184	.01202	.00917	.00966	.00522

(SCM069) (03 OCT 91)

PARAMETRIC DATA

BETA = .000 PHI = 180.000

RUN NO. 1671/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
.599	-7.999	.70736	.74768	.67341	.63301	.25894	.69567	.73410	.67437	.59812	.24148
.599	-6.982	.73815	.77739	.69545	.64809	.27066	.72442	.76176	.69514	.62490	.24970
.600	-5.975	.76669	.80510	.71508	.66213	.28242	.75289	.78867	.71591	.65928	.26305
.600	-4.979	.78831	.82613	.72982	.66835	.29087	.77426	.80944	.73127	.68056	.27242
.600	-3.977	.80706	.84499	.74319	.67670	.29790	.79241	.82654	.74413	.69485	.27841
.600	-2.974	.82263	.86125	.75519	.68358	.30457	.80835	.84192	.75619	.70828	.28615
.600	-1.968	.83462	.87382	.76442	.69357	.30890	.81880	.85236	.76432	.71791	.29012
.601	-.949	.84112	.88160	.76977	.69362	.31078	.82443	.85797	.76803	.72088	.29220
.600	-.078	.83571	.87762	.76120	.68261	.29983	.83759	.87176	.78165	.73176	.30658
.600	.971	.83095	.87600	.75981	.67797	.29543	.83671	.87220	.78269	.72959	.30838
.600	1.989	.82662	.87523	.76110	.67685	.29390	.83073	.86737	.77885	.72413	.30653
	GRADIENT	.00523	.00670	.00394	.00057	-.00002	.00853	.00875	.00727	.00663	.00541

RUN NO. 1747/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
.800	-7.999	.79277	.83052	.75238	.70977	.32268	.78291	.81830	.75612	.68076	.30754
.800	-6.978	.82093	.85850	.77296	.72359	.33336	.81171	.84658	.77757	.70990	.31872
.800	-5.977	.84590	.88362	.79060	.73674	.34343	.83483	.86963	.79475	.73780	.32825
.800	-4.976	.86591	.90355	.80434	.74152	.35065	.85497	.89003	.80998	.75915	.33711
.800	-3.981	.88345	.92164	.81747	.75038	.35908	.87180	.90655	.82245	.77203	.34446
.800	-2.974	.89629	.93620	.82773	.76131	.36428	.88496	.91969	.83256	.78362	.34999
.801	-1.972	.90617	.94750	.83587	.76425	.36861	.89437	.92928	.84033	.79213	.35451
.800	-.965	.91350	.95619	.84238	.76535	.37103	.90108	.93636	.84553	.79716	.35709
.800	.147	.91289	.95823	.84115	.76030	.36530	.90707	.94340	.85194	.80060	.36370
.800	.988	.90655	.95408	.83684	.75379	.35885	.90897	.94609	.85541	.80154	.36798
.800	1.998	.90170	.95206	.83655	.75123	.35604	.90288	.94098	.85124	.79542	.36546
	GRADIENT	.00507	.00689	.00442	.00101	.00052	.00710	.00755	.00617	.00547	.00429

RUN NO. 1660/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
.900	-8.000	.85616	.89221	.81293	.77015	.38966	.84749	.88120	.81872	.74646	.37652
.899	-6.979	.88145	.91821	.83266	.78345	.40043	.87122	.90481	.83642	.77207	.38437
.900	-5.970	.90545	.94290	.84987	.79633	.41039	.89464	.92845	.85424	.79901	.39560
.900	-4.971	.92421	.96168	.86270	.80101	.41748	.91306	.94714	.86851	.81862	.40424
.900	-3.977	.93911	.97747	.87405	.80762	.42347	.92710	.96159	.87893	.83011	.40952
.900	-2.966	.95292	.99255	.88496	.81930	.42952	.94129	.97591	.89026	.84324	.41610
.900	-1.966	.96012	1.00151	.89107	.82039	.43163	.94836	.98327	.89562	.84964	.41862
.900	-.955	.96807	1.01098	.89852	.82235	.43510	.95589	.99117	.89188	.85493	.42221
.900	-.086	.96349	1.00831	.89219	.81348	.42614	.96365	.99979	.91002	.86092	.43133
.900	.994	.96071	1.00807	.89219	.81015	.42338	.96310	1.00043	.91117	.85902	.43023
.900	2.003	.95596	1.00630	.89200	.80722	.42067	.95583	.99518	.90679	.85277	.43023
	GRADIENT	.00445	.00627	.00391	.00050	.00019	.00672	.00731	.00593	.00530	.00418

IA310 (AEDC 16TF-783) REPEAT RUNS

(SCM069) (03 OCT 91)

PARAMETRIC DATA

BETA = .000 PHI = 180.000

RUN NO. 1739/ 0 RN/L = 2.51 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
1.099	-8.003	1.00324	1.03681	.96125	.92079	.57333	1.00007	1.03174	.97345	.90642	.56796
1.101	-6.975	1.02852	1.06255	.98151	.93458	.58493	1.02401	1.05520	.99144	.93266	.57818
1.101	-5.975	1.04740	1.08246	.99474	.94357	.59211	1.04298	1.07463	1.00592	.95375	.58617
1.100	-4.978	1.06451	1.09982	1.00666	.94856	.59843	1.05877	1.09066	1.01767	.97098	.59247
1.100	-3.968	1.07806	1.11416	1.01695	.95430	.60341	1.07209	1.10459	1.02811	.98220	.59851
1.100	-2.977	1.08912	1.12664	1.02607	.96374	.60818	1.08291	1.11601	1.03581	.99281	.60299
1.100	-1.970	1.09735	1.13637	1.03273	.96613	.61159	1.09081	1.12399	1.04275	.99988	.60610
1.100	-.971	1.10250	1.14330	1.03747	.96583	.61296	1.09541	1.12910	1.04632	1.00205	.60743
1.100	.041	1.10391	1.14695	1.03928	.96477	.61189	1.09756	1.13235	1.04896	1.00252	.60935
1.100	1.007	1.10181	1.14675	1.03945	.96241	.60969	1.09829	1.13360	1.05030	1.00146	.61133
1.100	2.014	1.09715	1.14478	1.03911	.95973	.60694	1.09372	1.12957	1.04712	.99676	.60959
	GRADIENT	.00474	.00651	.00458	.00145	.00124	.00506	.00563	.00426	.00368	.00245

RUN NO. 1723/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
1.250	-7.999	1.07703	1.11365	1.03377	.99108	.64148	1.06963	1.10423	1.04207	.97412	.62980
1.250	-6.974	1.10001	1.13763	1.05129	1.00208	.65101	1.09094	1.12654	1.05834	1.00138	.63877
1.250	-5.971	1.11919	1.15770	1.06467	1.00960	.65845	1.11024	1.14595	1.07240	1.02118	.64634
1.250	-4.969	1.13505	1.17452	1.07644	1.01595	.66535	1.12526	1.16136	1.08421	1.03816	.65358
1.250	-3.973	1.14734	1.18823	1.08613	1.02182	.66947	1.13778	1.17422	1.09397	1.04872	.65898
1.250	-2.972	1.15785	1.20040	1.09397	1.02990	.67380	1.14825	1.18525	1.10227	1.05795	.66300
1.250	-1.970	1.16666	1.21089	1.10196	1.03252	.67761	1.15674	1.19398	1.10903	1.06468	.66645
1.250	-.960	1.17259	1.21899	1.10786	1.03329	.67984	1.16199	1.20047	1.11378	1.06819	.66898
1.250	.118	1.17164	1.21990	1.10728	1.02967	.67609	1.16490	1.20469	1.11764	1.06959	.67283
1.250	.996	1.16846	1.21914	1.10557	1.02524	.67110	1.16815	1.20779	1.12096	1.07068	.67759
1.250	2.008	1.16383	1.21678	1.10537	1.02243	.66884	1.16316	1.20342	1.11758	1.06584	.67595
	GRADIENT	.00424	.00617	.00413	.00076	.00051	.00564	.00629	.00500	.00408	.00336

RUN NO. 1712/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
1.400	-7.997	1.10099	1.15229	1.06039	1.01490	.66071	1.09094	1.13798	1.06846	1.00490	.64927
1.400	-6.974	1.12127	1.17459	1.07563	1.02399	.66874	1.11052	1.15988	1.08464	1.02929	.65757
1.400	-5.972	1.13963	1.19467	1.08959	1.02920	.67616	1.12862	1.17928	1.09844	1.04991	.66493
1.400	-4.974	1.15385	1.21157	1.10089	1.03499	.68104	1.14345	1.19539	1.11041	1.06552	.67107
1.400	-3.973	1.16751	1.22694	1.11168	1.04308	.68642	1.15571	1.20911	1.12052	1.07626	.67568
1.400	-2.972	1.17775	1.23818	1.11731	1.04927	.69014	1.16633	1.22010	1.12859	1.08484	.67960
1.400	-1.972	1.18527	1.24875	1.12553	1.05004	.69300	1.17441	1.22882	1.13502	1.09041	.68277
1.400	-.966	1.19130	1.25777	1.13213	1.05103	.69435	1.18018	1.23564	1.13973	1.09408	.68415
1.399	.111	1.19081	1.25949	1.13217	1.04777	.69084	1.18351	1.24045	1.14397	1.09512	.68740
1.400	.998	1.18760	1.25816	1.12998	1.04236	.68629	1.18585	1.24413	1.14856	1.09760	.69287
1.400	2.020	1.18288	1.25549	1.13025	1.03942	.68464	1.18048	1.23909	1.14497	1.09273	.69134
	GRADIENT	.00416	.00640	.00415	.00029	.00034	.00557	.00654	.00515	.00395	.00300

IA310 (AEDC 16TF-783) REPEAT RUNS

(SCM069) (03 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	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
1.450	-7.994	1.08936	1.15607	1.05947	1.01406	.66003	1.07530	1.13651	1.06462	1.00632	.64286
1.450	-6.971	1.10760	1.17700	1.07312	1.02149	.66657	1.09300	1.15809	1.08051	1.02888	.65074
1.450	-5.968	1.12397	1.19519	1.08519	1.02448	.67322	1.10387	1.17506	1.09234	1.04742	.65622
1.450	-4.971	1.13925	1.21464	1.09859	1.03176	.67890	1.12419	1.19221	1.10527	1.06213	.66335
1.450	-3.968	1.15263	1.22981	1.10892	1.03965	.68334	1.13564	1.20768	1.11675	1.07350	.66881
1.450	-2.965	1.16090	1.24060	1.11381	1.04410	.68659	1.14536	1.21946	1.12569	1.08157	.67247
1.450	-1.961	1.16818	1.25216	1.12257	1.04544	.68895	1.15265	1.22808	1.13126	1.08691	.67481
1.450	-.944	1.17763	1.26380	1.13098	1.04753	.69169	1.16079	1.23883	1.13814	1.09254	.67763
1.449	-.091	1.16777	1.25846	1.12318	1.03799	.68223	1.16626	1.24345	1.14394	1.09681	.68633
1.450	.974	1.16917	1.26251	1.12613	1.03574	.67952	1.17100	1.24904	1.14865	1.09789	.68976
1.450	2.001	1.16305	1.25799	1.12594	1.03238	.67767	1.16353	1.24264	1.14463	1.09233	.68809
GRADIENT		.00338	.00641	.00379	-.00036	-.00044	.00622	.00772	.00597	.00462	.00386

RUN NO. 1698/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
1.471	-7.998	1.07346	1.15232	1.05439	1.00774	.65669	1.06021	1.13782	1.06455	1.00825	.63989
1.471	-6.970	1.09188	1.17438	1.06780	1.01542	.66327	1.07850	1.16075	1.08095	1.03051	.64849
1.472	-5.972	1.10645	1.19321	1.08055	1.01878	.66971	1.09276	1.17800	1.09358	1.05063	.65546
1.471	-4.970	1.11884	1.21062	1.09189	1.02513	.67470	1.10321	1.19188	1.10336	1.06234	.66046
1.471	-3.973	1.12945	1.22478	1.10046	1.03169	.67812	1.11345	1.20452	1.11335	1.07172	.66477
1.471	-2.970	1.13735	1.23642	1.10549	1.03480	.68252	1.12059	1.21468	1.12096	1.07853	.66867
1.471	-1.962	1.14103	1.24440	1.11262	1.03539	.68546	1.12467	1.22254	1.12650	1.08376	.67114
1.470	-.947	1.14316	1.25226	1.11938	1.03733	.68696	1.12576	1.22693	1.12526	1.08549	.67265
1.469	.149	1.13862	1.24932	1.11377	1.02838	.67824	1.13587	1.23605	1.13786	1.09175	.68233
1.469	.980	1.13631	1.25174	1.11764	1.02895	.67520	1.13633	1.23721	1.13827	1.08887	.68482
1.469	2.007	1.13582	1.25212	1.11906	1.02652	.67315	1.13523	1.23382	1.13519	1.08420	.68360
GRADIENT		.00191	.00563	.00367	-.00025	-.00043	.00460	.00628	.00479	.00336	.00363

RUN NO. 1668/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
1.496	-7.999	1.03629	1.13608	1.03647	.99284	.64584	1.02195	1.12033	1.04802	.99420	.63146
1.497	-6.971	1.05008	1.15953	1.05289	1.00213	.65389	1.03279	1.14168	1.06308	1.01522	.63845
1.497	-5.968	1.05687	1.17813	1.06567	1.00513	.66066	1.03932	1.16077	1.07711	1.03706	.64541
1.496	-4.966	1.05962	1.19453	1.07626	1.01108	.66528	1.04207	1.17589	1.08771	1.04960	.65073
1.497	-3.969	1.06246	1.21111	1.08622	1.01909	.66983	1.04420	1.18924	1.09710	1.05708	.65563
1.497	-2.967	1.06190	1.22362	1.09219	1.02211	.67355	1.04308	1.19978	1.10444	1.06456	.65928
1.497	-1.965	1.05606	1.23077	1.09784	1.02132	.67483	1.03796	1.20604	1.10801	1.06784	.66075
1.497	-.953	1.05522	1.23823	1.10313	1.02286	.67711	1.03620	1.21125	1.11132	1.07006	.66287
1.497	.161	1.04759	1.23898	1.10063	1.01601	.66923	1.04008	1.22046	1.12030	1.07628	.67148
1.496	.878	1.05019	1.23910	1.10190	1.01561	.66842	1.04602	1.22188	1.12125	1.07421	.67296
1.496	1.999	1.05113	1.23731	1.10072	1.01016	.66335	1.05252	1.22140	1.12160	1.07219	.67381
GRADIENT		-.00199	.00594	.00337	-.00048	-.00036	.00083	.00660	.00491	.00339	.00344

IA310 (AEDC 16TF-783) REPEAT RUNS

(SCM069) (03 OCT 91)

PARAMETRIC DATA

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
1.520	-7.997	.96604	1.13810	1.03830	.99279	.64699	.95025	1.12087	1.04821	.99742	.63420
1.520	-6.969	.95225	1.15964	1.05192	1.00131	.65423	.93498	1.14121	1.06251	1.01778	.64121
1.520	-5.968	.93482	1.17871	1.06292	1.00354	.66030	.91781	1.15938	1.07589	1.03934	.64777
1.520	-4.966	.91872	1.19610	1.07423	1.00984	.66582	.90210	1.17669	1.08804	1.05180	.65408
1.520	-3.970	.89325	1.21181	1.08046	1.01755	.67054	.87552	1.19010	1.09747	1.05848	.65812
1.520	-2.967	.86056	1.22408	1.08729	1.01754	.67363	.84373	1.20174	1.10445	1.06552	.66127
1.520	-1.965	.84025	1.23563	1.09420	1.01929	.67546	.82611	1.21232	1.10941	1.07025	.66354
1.520	-.952	.88247	1.25072	1.10157	1.02100	.67712	.87285	1.22054	1.11397	1.07235	.66527
1.520	.163	1.04623	1.24173	1.10932	1.01792	.67022	1.04370	1.18092	1.12735	1.07615	.67491
1.520	.984	1.04707	1.22638	1.10816	1.01478	.66801	1.05044	1.19405	1.13091	1.07670	.67544
1.520	2.000	.85053	1.24518	1.09959	1.00842	.66651	.85952	1.22872	1.12222	1.07316	.67401
	GRADIENT	.01090	.00581	.00467	-.00023	-.00019	.01485	.00386	.00574	.00329	.00321

BETA =

.000 PHI = 180.000

RUN NO. 1686/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

RUN NO. 1679/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
1.545	-7.992	.76982	1.13138	1.02999	.98844	.64331	.75504	1.11034	1.03793	.99098	.63249
1.542	-6.974	.75664	1.15384	1.04244	.99027	.64823	.74081	1.13226	1.05299	1.01133	.63879
1.543	-5.972	.75114	1.17574	1.05134	.99772	.65413	.74065	1.15448	1.06776	1.02657	.64412
1.543	-4.971	.75616	1.19879	1.05939	1.00210	.65895	.75064	1.17959	1.08073	1.04183	.64918
1.543	-3.969	.77969	1.22493	1.07088	1.00653	.66368	.77176	1.20770	1.09204	1.05413	.65354
1.542	-2.968	.85656	1.27378	1.08834	1.01470	.66682	.84830	1.23923	1.10498	1.06431	.65551
1.542	-1.960	.90820	1.28275	1.10044	1.01669	.66917	.90146	1.25728	1.11502	1.06741	.65835
1.543	-.952	.94023	1.25380	1.10927	1.01907	.67171	.93087	1.17578	1.11651	1.06540	.66065
1.543	.164	.95802	1.20045	1.11233	1.01560	.66627	.95166	1.13308	1.12125	1.06650	.66811
1.543	.983	.95983	1.17230	1.10702	1.00857	.66413	.96408	1.11724	1.13011	1.07247	.66923
1.543	1.994	.95255	1.19179	1.10903	1.00662	.66307	.95648	1.15343	1.13040	1.07172	.66819
	GRADIENT	.03125	-.00665	.00730	.00059	.00039	.03278	-.01141	.00701	.00364	.00301

IA310 (AEDC 16TF-783) TABULATED DATA
IA310 (AEDC 16TF-783) REPEAT RUNS

(SCM070) (03 OCT 91)

PARAMETRIC DATA

ALPHA = -4.000 PHI = 180.000

MACH	BETA	RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00									
		CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
.601	-3.798	.71346	.74554	.63178	.56838	.18146	.87129	.90281	.83196	.78048	.39164
.601	-2.772	.73692	.77056	.66007	.59524	.20955	.85155	.88412	.81031	.75963	.36306
.601	-1.749	.76244	.79775	.69039	.62448	.24025	.83382	.86717	.79036	.74035	.33594
.601	-.732	.78394	.82082	.71639	.65005	.26853	.81278	.84623	.76641	.71691	.30666
.601	-.290	.83655	.83360	.73026	.66325	.28228	.80355	.83736	.75665	.70736	.29510
.600	.738	.81687	.85473	.75493	.68921	.31051	.78073	.81491	.73192	.68335	.26514
.600	1.758	.83694	.87456	.77828	.71465	.33886	.75690	.79077	.70540	.65782	.23431
.600	2.783	.85621	.89283	.80081	.73955	.36789	.73180	.76573	.67847	.63251	.20520
.600	3.824	.87497	.91125	.82260	.76280	.39602	.70664	.74038	.65078	.60669	.17444
	GRADIENT	.02128	.02183	.02512	.02568	.02825	-.02165	-.02139	-.02383	-.02293	-.02854

MACH	BETA	RN/L = 2.51 GRADIENT INTERVAL = -5.00/ 5.00									
		CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
.799	-3.857	.79373	.82554	.70968	.64315	.24158	.94828	.97984	.90764	.85538	.45656
.800	-2.832	.81662	.85101	.73831	.67039	.27054	.92911	.96255	.88739	.83485	.42785
.800	-1.818	.83866	.87415	.76497	.69664	.29966	.90949	.94322	.86529	.81291	.39936
.800	-.810	.86046	.89732	.79085	.72279	.32829	.89048	.92473	.84374	.79199	.37107
.800	-.212	.87633	.91385	.80870	.74055	.34640	.87955	.91449	.83149	.78070	.35590
.800	.826	.89542	.93409	.83231	.76638	.37583	.85697	.89143	.80608	.75673	.32547
.800	1.837	.91457	.95366	.85518	.79119	.40431	.83511	.86867	.78141	.73402	.29593
.800	2.848	.93343	.97219	.87776	.81550	.43295	.81227	.84536	.75654	.71078	.26625
.800	3.869	.95140	.98952	.89881	.83718	.46068	.78928	.82145	.73072	.68719	.23642
	GRADIENT	.02050	.02133	.02453	.02536	.02848	-.02056	-.02054	-.02296	-.02177	-.02845

MACH	BETA	RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00									
		CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
.899	-3.844	.85525	.88724	.77155	.70550	.31142	1.00297	1.03446	.96341	.91206	.51893
.900	-2.815	.87729	.91154	.79888	.73218	.34035	.98433	1.01742	.94327	.89215	.49206
.900	-1.803	.89811	.93427	.82512	.75773	.36851	.96560	.99968	.92256	.87180	.46481
.900	-.791	.91958	.95663	.85033	.78293	.39607	.94749	.98155	.90151	.85140	.43767
.900	-.227	.93272	.97067	.86586	.79862	.41288	.93567	.97021	.88873	.83955	.42232
.900	.813	.95157	.99022	.88844	.82334	.44053	.91463	.94835	.86476	.81703	.39291
.900	1.818	.96960	1.00875	.91036	.84731	.46794	.89369	.92671	.84136	.79539	.36462
.900	2.839	.98871	1.02790	.93269	.87158	.49655	.87235	.90458	.81731	.77352	.33592
.900	3.865	1.00560	1.04401	.95282	.89232	.52328	.84972	.88112	.79163	.75089	.30746
	GRADIENT	.01959	.02043	.02355	.02443	.02752	-.01988	-.01998	-.02232	-.02097	-.02753

IA310 (AEDC 16TF-783) TABULATED DATA
IA310 (AEDC 16TF-783) REPEAT RUNS

(SCM070) (03 OCT 91)

PARAMETRIC DATA

ALPHA = -4.000 PHI = 180.000

RUN NO. 1742/ O RN/L = 2.51 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CPR	CPC7	CPC8	CPC9	CPC3	CPL	CPC10	CPC11	CPC12	CPO4
1.100	-3.945	1.00303	1.03328	.92479	.86171	.50429	1.14002	1.17036	1.10397	1.05555	.69592
1.100	-2.928	1.02350	1.05573	.94970	.88621	.53000	1.12410	1.15541	1.08620	1.03799	.67175
1.099	-1.929	1.04079	1.07489	.97183	.90797	.55335	1.10609	1.13927	1.06646	1.01846	.64657
1.100	-.941	1.05996	1.09478	.99485	.93110	.57856	1.08992	1.12240	1.04804	1.00092	.62339
1.100	.084	1.07631	1.11233	1.01453	.95151	.60009	1.07382	1.10652	1.03034	.98474	.60209
1.100	.958	1.09388	1.13062	1.03567	.97440	.62533	1.05487	1.08661	1.00847	.96450	.57551
1.100	1.961	1.11105	1.14780	1.05577	.99674	.65021	1.03662	1.06744	.98759	.94532	.55047
1.100	2.955	1.12733	1.16437	1.07519	1.01745	.67499	1.01763	1.04789	.96642	.92615	.52618
1.100	3.979	1.14394	1.18032	1.09480	1.03739	.70030	.99823	1.02796	.94420	.90697	.50136
	GRADIENT	.01778	.01856	.02143	.02231	.02473	-.01797	-.01812	-.02026	-.01885	-.02465

RUN NO. 1726/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CPR	CPC7	CPC8	CPC9	CPC3	CPL	CPC10	CPC11	CPC12	CPO4
1.250	-3.880	1.07066	1.10613	.99220	.92787	.57040	1.20887	1.24197	1.17134	1.12114	.75525
1.250	-2.850	1.09059	1.12761	1.01730	.95197	.59554	1.19107	1.22585	1.15300	1.10293	.73088
1.250	-1.844	1.10984	1.14823	1.04099	.97554	.62039	1.17330	1.20909	1.13384	1.08475	.70708
1.250	-.837	1.12877	1.16830	1.06360	.99860	.64539	1.15576	1.19178	1.11429	1.06671	.68291
1.250	-.177	1.14286	1.18359	1.08042	1.01523	.66101	1.14346	1.17986	1.10026	1.05457	.66726
1.250	.878	1.16082	1.20249	1.10219	1.03892	.68588	1.12390	1.16017	1.07852	1.03469	.64171
1.250	1.874	1.17776	1.21941	1.12257	1.06077	.70991	1.10509	1.14042	1.05695	1.01495	.61715
1.249	2.908	1.19631	1.23729	1.14377	1.08336	.73585	1.08574	1.12003	1.03509	.99513	.59240
1.249	3.911	1.21194	1.25157	1.16170	1.10168	.75909	1.06545	1.09880	1.01233	.97489	.56729
	GRADIENT	.01822	.01886	.02185	.02256	.02423	-.01837	-.01840	-.02048	-.01876	-.02411

RUN NO. 1718/ O RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CPR	CPC7	CPC8	CPC9	CPC3	CPL	CPC10	CPC11	CPC12	CPO4
1.400	-3.892	1.08476	1.13839	1.00979	.94357	.58673	1.23649	1.28414	1.20537	1.15352	.77660
1.400	-2.866	1.10537	1.16142	1.03511	.96860	.61140	1.21671	1.26652	1.18547	1.13459	.75161
1.400	-1.858	1.12651	1.18390	1.06145	.99404	.63651	1.19680	1.24773	1.16409	1.11538	.72608
1.400	-.851	1.14705	1.20555	1.08712	1.01869	.66145	1.17665	1.22919	1.14292	1.09643	.70140
1.400	-.163	1.16401	1.22252	1.10586	1.03641	.67799	1.16216	1.21531	1.12776	1.08331	.68407
1.400	.886	1.18444	1.24281	1.12940	1.06078	.70376	1.14117	1.19392	1.10465	1.06177	.65803
1.400	1.894	1.20374	1.26182	1.15145	1.08482	.72868	1.12079	1.17265	1.08220	1.04103	.63251
1.399	2.898	1.22411	1.28101	1.17435	1.10813	.75467	1.10050	1.15210	1.05972	1.02173	.60776
1.400	3.926	1.24474	1.29906	1.19558	1.12989	.77976	1.08021	1.13030	1.03575	1.00233	.58223
	GRADIENT	.02054	.02065	.02391	.02399	.02472	-.02009	-.01979	-.02176	-.01949	-.02490

IA310 (AEDC 16TF-783) TABULATED DATA
IA310 (AEDC 16TF-783) REPEAT RUNS

(SCM070) (03 OCT 91)

PARAMETRIC DATA

ALPHA = -4.000 PHI = 180.000

MACH	BETA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
1.450	-3.810	1.06333	1.13542	.99950	.93771	.58191	1.22055	1.28249	1.20181	1.15167	.77129
1.450	-2.773	1.08691	1.16118	1.02962	.96414	.60824	1.20031	1.26615	1.18209	1.13344	.74578
1.450	-1.757	1.10863	1.18480	1.05679	.98841	.63291	1.17925	1.24727	1.16035	1.11325	.71942
1.450	-.740	1.13078	1.20834	1.08403	1.01455	.65846	1.15822	1.22791	1.13931	1.09396	.69429
1.450	-.276	1.13968	1.21556	1.09528	1.02688	.67226	1.14445	1.21452	1.12514	1.08161	.67985
1.450	.759	1.16074	1.23588	1.11959	1.05166	.69710	1.12249	1.19353	1.10275	1.06157	.65462
1.450	1.776	1.18115	1.25483	1.14175	1.07530	.72150	1.09993	1.17109	1.07827	1.03961	.62914
1.449	2.820	1.20296	1.27406	1.16402	1.09855	.74792	1.07738	1.14646	1.05273	1.01607	.60325
1.450	3.841	1.22393	1.29378	1.18667	1.12165	.77443	1.05711	1.12442	1.03024	.99817	.58037
	GRADIENT	.02084	.02037	.02424	.02411	.02510	-.02172	-.02104	-.02277	-.02046	-.02520

RUN NO. 1708/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

RUN NO. 1701/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
1.469	-3.822	1.04399	1.13553	.99572	.93309	.58086	1.20445	1.28205	1.19874	1.14969	.76658
1.469	-2.791	1.06422	1.15894	1.02370	.95851	.60536	1.18068	1.26335	1.17770	1.13039	.74072
1.470	-1.772	1.08553	1.18136	1.05057	.98347	.62996	1.15729	1.24338	1.15658	1.11097	.71506
1.470	-.761	1.10723	1.20357	1.07655	1.00777	.65331	1.13501	1.22372	1.13468	1.09146	.68960
1.470	-.253	1.11579	1.21528	1.08939	1.02037	.66782	1.11662	1.21042	1.12070	1.07857	.67686
1.470	.800	1.13767	1.23663	1.11503	1.04627	.69419	1.09423	1.18835	1.09638	1.05716	.65082
1.470	1.821	1.15872	1.25616	1.13872	1.07121	.71982	1.07123	1.16545	1.07181	1.03507	.62521
1.469	2.820	1.18179	1.27547	1.16147	1.09483	.74572	1.04910	1.14254	1.04809	1.01300	.60022
1.470	3.850	1.20529	1.29456	1.18400	1.11780	.77237	1.02828	1.12053	1.02460	.99310	.57554
	GRADIENT	.02089	.02075	.02453	.02419	.02501	-.02328	-.02131	-.02297	-.02069	-.02495

RUN NO. 1694/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

RUN NO. 1694/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
1.495	-3.837	1.00284	1.12407	.98478	.92337	.57534	1.16887	1.27179	1.18937	1.14042	.75978
1.495	-2.802	1.01903	1.14739	1.01179	.94796	.59936	1.14030	1.25333	1.16736	1.12117	.73405
1.495	-1.786	1.03928	1.17158	1.03961	.97365	.62481	1.11387	1.23400	1.14573	1.10229	.70914
1.495	-.778	1.05929	1.19377	1.06580	.99827	.64909	1.08809	1.21339	1.12313	1.08190	.68431
1.495	-.240	1.06688	1.20369	1.07664	1.00970	.66134	1.06989	1.19954	1.10956	1.06863	.67284
1.495	.799	1.09208	1.22431	1.10242	1.03479	.68697	1.04938	1.17786	1.08618	1.04750	.64709
1.495	1.817	1.11570	1.24467	1.12651	1.05937	.71321	1.02742	1.15694	1.06315	1.02785	.62231
1.495	2.838	1.14181	1.26341	1.14940	1.08319	.73946	1.00692	1.13365	1.03849	1.00599	.59734
1.494	3.869	1.16751	1.28367	1.17215	1.10652	.76563	.98736	1.11020	1.01387	.98506	.57291
	GRADIENT	.02149	.02065	.02428	.02382	.02471	-.02362	-.02113	-.02283	-.02034	-.02422

(SCM070) (03 OCT 91)

IA310 (AEDC 16TF-783) REPEAT RUNS

PARAMETRIC DATA

ALPHA = -4.000 PHI = 180.000

RUN NO. 1689/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CPR	CPC7	CPC8	CPC9	CPC3	CPL	CPC10	CPC11	CPC12	CPO4
1.521	-3.833	.86451	1.12438	.97832	.92067	.57337	1.04919	1.26871	1.18528	1.13807	.75841
1.521	-2.804	.86729	1.14758	1.00487	.94525	.59741	1.00292	1.24963	1.16349	1.11933	.73298
1.521	-1.786	.87281	1.16990	1.03081	.96970	.62171	.96040	1.23019	1.14164	1.09981	.70821
1.520	-.775	.88102	1.19135	1.05586	.99358	.64639	.91795	1.21047	1.12016	1.07915	.68359
1.520	-.241	.84419	1.20222	1.06698	1.00475	.66087	.84690	1.19585	1.10488	1.06521	.66970
1.520	.809	.87243	1.22198	1.09391	1.03206	.68727	.82287	1.17581	1.08098	1.04384	.64341
1.520	1.827	.90679	1.24105	1.11993	1.05702	.71333	.80162	1.15385	1.05671	1.02253	.61793
1.520	2.854	.95334	1.25942	1.14405	1.07966	.73968	.79505	1.13086	1.03211	1.00095	.59291
1.520	3.870	.99558	1.27932	1.16679	1.10265	.76610	.78559	1.10836	1.00887	.98192	.56916
	GRADIENT	.01525	.01993	.02453	.02375	.02512	-.03653	-.02094	-.02312	-.02065	-.02470

RUN NO. 1682/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CPR	CPC7	CPC8	CPC9	CPC3	CPL	CPC10	CPC11	CPC12	CPO4
1.543	-3.836	.66376	1.13539	.96274	.90685	.56824	.85312	1.25961	1.17722	1.13227	.75461
1.543	-2.801	.69094	1.15965	.99080	.93226	.59081	.82850	1.24409	1.15643	1.11229	.72915
1.543	-1.788	.72032	1.18281	1.01851	.95766	.61374	.80796	1.23063	1.13535	1.09298	.70357
1.544	-.776	.75026	1.20485	1.04583	.98317	.63869	.79055	1.21910	1.11469	1.07437	.67900
1.543	-.240	.78720	1.22199	1.06256	.99711	.65332	.79329	1.22349	1.10631	1.06693	.66218
1.543	.797	.80439	1.23453	1.08652	1.02181	.68005	.76901	1.20379	1.08301	1.04579	.63757
1.544	1.818	.81892	1.24721	1.10936	1.04525	.70552	.73848	1.18089	1.05882	1.02379	.61321
1.543	2.831	.83559	1.26175	1.13423	1.07044	.73219	.70767	1.15407	1.03425	1.00240	.58909
1.544	3.870	.85760	1.27764	1.15889	1.09617	.75880	.67819	1.12598	1.00898	.98104	.56485
	GRADIENT	.02568	.01824	.02541	.02452	.02497	-.02177	-.01640	-.02170	-.01952	-.02478

IA310 (AEDC 16TF-783) TABULATED DATA
IA310 (AEDC 16TF-783) REPEAT RUNS

PARAMETRIC DATA

ALPHA = .000 PHI = 180.000

MACH	BETA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
.601	-3.993	.75013	.78428	.65448	.57809	.18960	.91007	.94408	.86458	.81500	.41178
.600	-2.974	.77508	.81450	.68554	.60849	.21865	.89157	.92725	.84381	.79508	.38328
.601	-1.969	.79711	.83759	.71283	.63565	.24757	.87079	.90671	.82088	.77228	.35532
.601	-.950	.81858	.85945	.73969	.66142	.27579	.84961	.88434	.79631	.74767	.32442
.600	-.173	.83506	.87710	.76103	.68220	.29948	.83686	.87128	.78115	.73138	.30602
.601	.831	.85480	.89764	.78692	.70700	.32553	.81542	.84780	.75614	.70438	.27611
.601	1.996	.87675	.92028	.81494	.73788	.35851	.78923	.81873	.72552	.67724	.24309
.600	3.003	.89660	.93981	.83877	.76325	.38609	.76613	.79568	.69989	.65343	.21485
.601	4.011	.91549	.95750	.86118	.78674	.41455	.74187	.76882	.67214	.62713	.18551
	GRADIENT	.02046	.02131	.02576	.02596	.02805	-.02091	-.02196	-.02403	-.02364	-.02822

RUN NO. 1675/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

RUN NO. 1751/ 0 RN/L = 2.51 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
.799	-3.996	.82760	.86280	.73192	.65296	.24944	.98048	1.01774	.93699	.88586	.47401
.800	-2.975	.85058	.89003	.76154	.68184	.27971	.96184	.99914	.91546	.86433	.44526
.800	-1.973	.87229	.91406	.78849	.70899	.30824	.94359	.98065	.89450	.84312	.41708
.800	-.960	.89300	.93609	.81516	.73549	.33767	.92490	.96134	.87233	.82107	.38852
.800	.100	.91428	.95950	.84321	.76290	.36817	.90385	.94012	.84854	.79721	.35861
.800	.982	.92948	.97488	.86416	.78523	.39272	.88675	.92130	.82742	.77766	.33288
.800	2.008	.94900	.99501	.88889	.81207	.42230	.86467	.89767	.80233	.75338	.30312
.800	3.009	.96813	1.01295	.91159	.83586	.45001	.84231	.87231	.77724	.72888	.27408
.800	4.014	.98645	1.03044	.93323	.85859	.47767	.82003	.84690	.75084	.70253	.24513
	GRADIENT	.01967	.02071	.02514	.02572	.02850	-.01996	-.02119	-.02318	-.02275	-.02859

RUN NO. 1664/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

RUN NO. 1664/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
.900	-3.998	.88630	.92307	.79217	.71443	.31891	1.03336	1.07015	.99132	.94115	.53678
.900	-2.967	.90826	.94916	.82104	.74257	.34813	1.01508	1.05219	.97022	.92041	.50821
.900	-1.967	.92817	.97035	.84607	.76749	.37514	.99639	1.03346	.94889	.89937	.48032
.900	-.957	.94792	.99142	.87169	.79277	.40321	.97832	1.01483	.92735	.87765	.45260
.900	-.141	.96263	1.00758	.89127	.81241	.42564	.96250	.99879	.90914	.86005	.43038
.900	.859	.98254	1.02903	.91711	.83732	.45296	.94406	.97833	.88717	.83760	.40382
.899	2.010	1.00181	1.04912	.94290	.86604	.48321	.92023	.95105	.85844	.81100	.37074
.900	3.016	1.01990	1.06683	.96507	.88938	.51092	.89975	.92963	.83481	.78777	.34404
.900	4.020	1.03854	1.08462	.98722	.91250	.53923	.87869	.90563	.80994	.76588	.31660
	GRADIENT	.01882	.01996	.02427	.02466	.02735	-.01926	-.02054	-.02264	-.02201	-.02745

IA310 (AEDC 16TF-783) REPEAT RUNS

(SCM071) (03 OCT 91)

PARAMETRIC DATA

ALPHA = .000 PHI = 180.000

RUN NO. 1743/ 0 RN/L = 2.51 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
1.100	-3.997	1.03116	1.06562	.94501	.87081	.51216	1.16350	1.19916	1.12580	1.07860	.70766
1.100	-2.974	1.05177	1.09024	.97160	.89695	.53850	1.14764	1.18338	1.10722	1.06018	.68221
1.100	-1.972	1.07036	1.10978	.99515	.92028	.56333	1.13157	1.16722	1.08866	1.04159	.65802
1.100	-.972	1.08811	1.12960	1.01822	.94355	.58863	1.11605	1.15093	1.06949	1.02235	.63369
1.100	.014	1.10447	1.14729	1.03926	.96480	.61231	1.09806	1.13244	1.04868	1.00212	.60844
1.100	1.022	1.12055	1.16427	1.06113	.98803	.63728	1.08113	1.11388	1.02872	.98294	.58425
1.100	2.022	1.13704	1.18140	1.08250	1.01090	.66212	1.06268	1.09198	1.00699	.96180	.55906
1.100	3.021	1.15395	1.19801	1.10325	1.03252	.68691	1.04386	1.07154	.98558	.94079	.53443
1.100	4.021	1.16925	1.21217	1.12133	1.05190	.71056	1.02357	1.04926	.96136	.91665	.50950
	GRADIENT	.01706	.01811	.02194	.02259	.02473	-.01738	-.01869	-.02043	-.02006	-.02470

RUN NO. 1727/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
1.250	-3.998	1.09739	1.13816	1.01228	.93625	.57795	1.23293	1.27296	1.19561	1.14756	.76908
1.250	-2.968	1.11748	1.16083	1.03724	.96073	.60307	1.21566	1.25596	1.17575	1.12766	.74306
1.250	-1.968	1.13663	1.18152	1.06129	.98436	.62791	1.20027	1.24034	1.15744	1.10873	.72011
1.250	-.964	1.15408	1.20113	1.08388	1.00675	.65165	1.18261	1.22147	1.13617	1.08780	.69520
1.250	.099	1.17309	1.22130	1.10893	1.03154	.67861	1.16332	1.20218	1.11505	1.06719	.66974
1.250	1.046	1.18829	1.23628	1.12893	1.05299	.70019	1.14681	1.18462	1.09562	1.04957	.64766
1.250	2.021	1.20530	1.25328	1.15022	1.07558	.72357	1.12880	1.16396	1.07453	1.02881	.62335
1.250	3.018	1.22261	1.26973	1.17026	1.09665	.74711	1.10965	1.14228	1.05226	1.00761	.59892
1.250	4.018	1.23924	1.28635	1.19086	1.11791	.77129	1.08998	1.12011	1.02960	.98559	.57494
	GRADIENT	.01757	.01831	.02227	.02272	.02409	-.01780	-.01902	-.02067	-.02010	-.02416

RUN NO. 1719/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
1.400	-4.003	1.11105	1.17215	1.02990	.94915	.59256	1.26106	1.31573	1.22913	1.17961	.78951
1.400	-2.974	1.13212	1.19668	1.05774	.97595	.61802	1.24025	1.29705	1.20860	1.15924	.76325
1.400	-1.969	1.15177	1.21681	1.08253	1.00010	.64166	1.22134	1.27968	1.18837	1.13800	.73794
1.400	-.964	1.17280	1.23937	1.10746	1.02456	.66665	1.20376	1.26069	1.16650	1.11736	.71249
1.400	.092	1.19212	1.26119	1.13410	1.04981	.69367	1.18175	1.23839	1.14199	1.09369	.68536
1.400	1.046	1.21010	1.27826	1.15610	1.07222	.71672	1.16271	1.21919	1.12177	1.07563	.66249
1.400	2.020	1.22863	1.29586	1.17951	1.09688	.74098	1.14329	1.19704	1.09909	1.05351	.63759
1.400	3.018	1.24955	1.31510	1.20218	1.12151	.76658	1.12402	1.17340	1.07679	1.03239	.61324
1.400	4.023	1.26880	1.33339	1.22453	1.14475	.79222	1.10320	1.15106	1.05327	1.01043	.58918
	GRADIENT	.01955	.01994	.02422	.02431	.02485	-.01960	-.02058	-.02201	-.02111	-.02501

(SCM071) (03 OCT 91)

IA310 (AEDC 16TF-783) REPEAT RUNS

PARAMETRIC DATA

ALPHA = .000 PHI = 180.000

RUN NO. 1709/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CPR	CPC7	CPC8	CPC9	CPC3	CPL	CPC10	CPC11	CPC12	CPO4
1.450	-3.994	1.08985	1.17253	1.02346	.94220	.58586	1.24870	1.31852	1.22915	1.18012	.78786
1.450	-2.963	1.11096	1.19758	1.05238	.96933	.61192	1.22474	1.29914	1.20922	1.16015	.76082
1.450	-1.954	1.13100	1.21763	1.07688	.99336	.63644	1.20364	1.28353	1.18787	1.13787	.73483
1.450	-.942	1.15396	1.24145	1.10203	1.01776	.66189	1.18609	1.26259	1.16307	1.11483	.70894
1.449	-.165	1.16816	1.25912	1.12370	1.03845	.68240	1.16644	1.24347	1.14405	1.09686	.68637
1.450	.966	1.19461	1.28303	1.15160	1.06384	.71158	1.14442	1.21920	1.11776	1.07099	.65783
1.451	2.005	1.21332	1.30501	1.18137	1.09310	.73897	1.12087	1.19389	1.09392	1.04924	.63313
1.450	3.013	1.23287	1.31866	1.20285	1.11881	.76360	1.09960	1.17153	1.06862	1.02566	.60782
1.450	4.015	1.25610	1.33711	1.22394	1.14220	.79012	1.07823	1.14788	1.04317	1.00356	.58266
	GRADIENT	.02067	.02069	.02528	.02499	.02554	-.02115	-.02155	-.02234	-.02226	-.02565

RUN NO. 1702/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CPR	CPC7	CPC8	CPC9	CPC3	CPL	CPC10	CPC11	CPC12	CPO4
1.470	-3.992	1.06572	1.17017	1.02053	.93878	.58380	1.22521	1.31282	1.22193	1.17286	.78021
1.470	-2.968	1.08454	1.19419	1.04800	.96509	.60829	1.20053	1.29253	1.19864	1.14984	.75378
1.470	-1.960	1.10206	1.21577	1.07359	.99001	.63259	1.17564	1.27218	1.17679	1.12872	.72882
1.470	-.946	1.12125	1.23537	1.09720	1.01360	.65794	1.15200	1.25166	1.15400	1.10673	.70305
1.470	-.153	1.13729	1.24986	1.11545	1.03117	.67883	1.13470	1.23694	1.13778	1.09141	.68288
1.470	.969	1.16056	1.27280	1.14250	1.05548	.70649	1.11062	1.21323	1.11368	1.06864	.65472
1.470	2.006	1.18501	1.29341	1.16893	1.08200	.73295	1.09225	1.19154	1.09045	1.04705	.62977
1.470	3.013	1.20938	1.31288	1.19227	1.10692	.75719	1.07392	1.16826	1.06557	1.02338	.60494
1.470	4.015	1.23341	1.33196	1.21611	1.13267	.78296	1.05367	1.14500	1.04093	1.00026	.58002
	GRADIENT	.02092	.01999	.02426	.02386	.02495	-.02129	-.02080	-.02234	-.02126	-.02497

RUN NO. 1695/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CPR	CPC7	CPC8	CPC9	CPC3	CPL	CPC10	CPC11	CPC12	CPO4
1.494	-3.993	1.01482	1.16119	1.01003	.92886	.57894	1.18363	1.30479	1.21328	1.16476	.77486
1.495	-2.965	1.02914	1.18583	1.03687	.95497	.60324	1.15159	1.28404	1.19092	1.14312	.74887
1.495	-1.964	1.04312	1.20645	1.06144	.97918	.62700	1.12253	1.26386	1.16844	1.12170	.72314
1.495	-.951	1.06098	1.22714	1.08615	1.00361	.65268	1.09563	1.24436	1.14561	1.10038	.69765
1.495	-.146	1.07779	1.24311	1.10547	1.02169	.67304	1.07583	1.22975	1.12907	1.08421	.68016
1.495	.974	1.10653	1.26675	1.13438	1.04812	.70158	1.05231	1.20526	1.10445	1.06056	.65007
1.495	2.008	1.13264	1.28651	1.15978	1.07317	.72754	1.03390	1.18126	1.08032	1.03814	.62412
1.495	3.014	1.16294	1.30568	1.18442	1.09915	.75296	1.01982	1.15918	1.05595	1.01536	.60025
1.495	4.021	1.19414	1.32600	1.20894	1.12576	.77882	1.00369	1.13730	1.03139	.99271	.57611
	GRADIENT	.02247	.02035	.02478	.02427	.02503	-.02228	-.02087	-.02255	-.02136	-.02483

IA310 (AEDC 16TF-783) REPEAT RUNS

(SCM071) (03 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	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
1.521	-3.999	.80963	1.15911	1.00378	.92385	.57897	1.01121	1.30026	1.20867	1.16116	.77233
1.520	-2.965	.78871	1.18408	1.02928	.94852	.60144	.94172	1.27940	1.18498	1.13806	.74414
1.521	-1.963	.79368	1.20807	1.05467	.97367	.62589	.89271	1.26345	1.16444	1.11852	.72002
1.521	-.950	.98017	1.19376	1.08679	1.00095	.65129	1.00834	1.25684	1.14595	1.09697	.69393
1.520	-.145	1.04254	1.23848	1.10860	1.01901	.67127	1.04425	1.19384	1.12965	1.07815	.67485
1.521	.973	.89126	1.27641	1.12707	1.04012	.69653	.84227	1.18532	1.09625	1.05240	.64710
1.521	2.008	.90380	1.28483	1.15261	1.06665	.72388	.79400	1.17589	1.07334	1.03300	.62207
1.521	3.015	.95657	1.30106	1.17643	1.09106	.74894	.78982	1.15387	1.04936	1.01089	.59755
1.520	4.021	1.02527	1.32015	1.20139	1.11816	.77516	.80628	1.13271	1.02567	.98947	.57373
	GRADIENT	.02470	.02053	.02450	.02388	.02452	-.02769	-.02151	-.02290	-.02144	-.02466

RUN NO. 1683/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
1.544	-3.994	.74434	1.08604	.98734	.91221	.57845	.91042	1.31574	1.20531	1.15816	.76729
1.544	-2.970	.86074	1.06384	1.01815	.94109	.60084	.96340	1.33778	1.18560	1.13744	.74023
1.543	-1.963	.90652	1.08517	1.05172	.96764	.62308	.97061	1.30618	1.16782	1.11678	.71496
1.544	-.955	.93653	1.12791	1.08367	.99305	.64717	.96829	1.21739	1.14891	1.09476	.68961
1.544	.100	.95266	1.20306	1.11119	1.01727	.67154	.95265	1.12556	1.12302	1.06807	.66214
1.544	.984	.95717	1.29159	1.12810	1.03548	.69405	.92962	1.08966	1.09842	1.04710	.64192
1.544	2.015	.95588	1.34866	1.14953	1.06022	.71996	.88795	1.06200	1.06156	1.01663	.61615
1.544	3.013	.93832	1.33761	1.17021	1.08434	.74445	.83105	1.05116	1.02751	.98749	.59129
1.543	4.013	.88027	1.32317	1.18908	1.10553	.76982	.72310	1.09020	1.00825	.97035	.56688
	GRADIENT	.01506	.04102	.02512	.02390	.02400	-.02246	-.03973	-.02546	-.02420	-.02495

1

2

3

