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OA12 AND IA5 IN THE AMES RESEARCH CENTER
UNITARY PLAN WIND TUNNELS OF AN 0.030
SCALE MODEL OF THE SPACE (Chrysler
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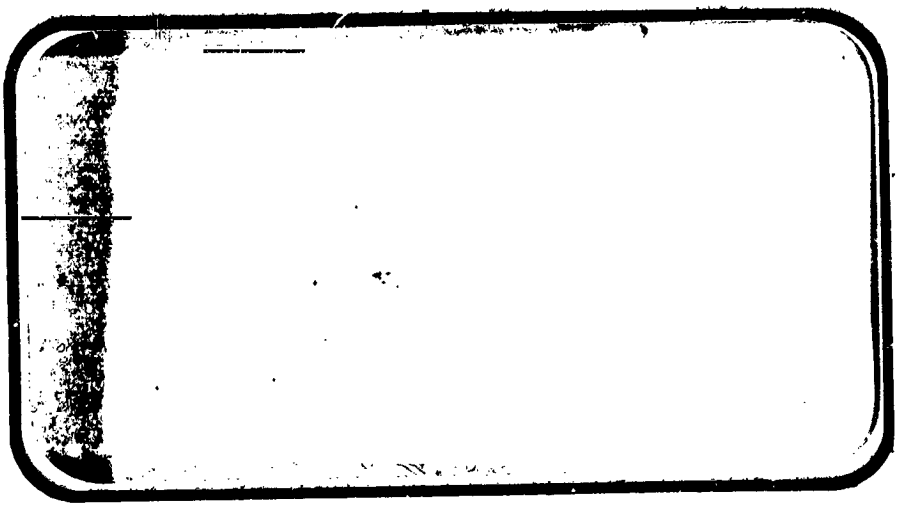

SPACE SHUTTLE

AEROTHERMODYNAMIC DATA REPORT

November, 1973

BMS-DR-2032
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VOLUME 8 OF 18

RESULTS OF TESTS OA12 AND IA9 IN THE AMES RESEARCH CENTER UNITARY PLAN WIND TUNNELS ON AN 0.030-SCALE MODEL OF THE SPACE SHUTTLE VEHICLE 2A TO DETERMINE AERODYNAMIC LOADS

By

R. H. Spangler
Rockwell International

Prepared under NASA Contract Number NAS9-13247

By

Data Management Services
Chrysler Corporation Space Division
New Orleans, La. 70189

for

Engineering Analysis Division

Johnson Space Center

WING TUNNEL TEST SPECIFICS:

Test Numbers:	ARC 11-707 (A) ARC 97-707 (B) ARC 87-707 (C)
NASA Series Numbers:	IA9A, B, C and OA12A, C
Test Date:	2 April -- 17 May, 1973

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RESULTS OF TESTS OA12 AND IA9 IN THE AMES RESEARCH CENTER UNITARY PLAN WIND TUNNELS ON AN 0.030-SCALE MODEL OF THE SPACE SHUTTLE VEHICLE 2A TO DETERMINE AERODYNAMIC LOADS

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ABSTRACT

Tests were conducted in the NASA/ARC Unitary Plan Wind Tunnels during April and May 1973, on an 0.030-scale replica of the Space Shuttle Vehicle Configuration 2A. Aerodynamic loads data were obtained at Mach numbers from 0.6 to 3.5.

The investigation included Tests IA9A, B and C on the integrated (launch) configuration and Tests OA12A and C on the isolated orbiter (entry configuration). The integrated vehicle was tested at angles of attack and sideslip from -8 degrees to +8 degrees. The isolated orbiter was tested at angles of attack from -15 degrees to +40 degrees and angles of sideslip from -10 degrees to +10 degrees as dictated by trajectory considerations. The effects of orbiter/external tank incidence angle and deflected control surfaces on aerodynamic loads were also investigated.

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INDEX OF TABULATED PRESSURE DATA (Concluded)

INTRODUCTION

The 0.030-scale Aero Loads Space Shuttle model was tested in the Unitary Plan Wind Tunnels at ARC starting April 2, and continuing through May 17, 1973 as follows:

IA9A	11-foot Transonic	April 2 to April 14, 1973
OA12A	11-foot Transonic	April 16 to April 29 1973
IA9C	8x7-foot Supersonic	April 23 to May 1, 1973
OA12C	8x7-foot Supersonic	May 2 to May 8, 1973
IA9B	9x7-foot Supersonic	May 9 to May 17, 1973

The testing was conducted in all three legs of the Unitary Plan Wind Tunnels to obtain a Mach number range from 0.6 to 3.5. Aerodynamic loads data were obtained for the ascent and entry configurations. The effects of control surface deflections were also investigated.

This report consists of 3 volumes of force data and 15 volumes of pressure data for a total of 18 volumes arranged in the following manner:

VOLUME NO.	CONTENTS
1	IA9A force data
2	IA9B and IA9C force data
3	OA12A and OA12C force data
4	IA9A plotted pressure data
5	IA9B and IA9C plotted pressure data
6	OA12A and OA12C plotted pressure data
7	IA9A tabulated pressure data (a) orbiter fuselage (b) orbiter base (c) upper MPS nozzle
8	IA9A tabulated pressure data (a) OMS nozzle (b) body flap (c) OMS pod outside (d) lower wing surface
9	IA9A tabulated pressure data (a) upper wing surface (b) left vertical tail surface (c) right vertical tail surface (d) APU inlet (e) SRM booster base
10	IA9A tabulated pressure data (a) SRM booster (b) external tank

11 IA9B tabulated pressure data
- (a) orbiter fuselage
- (b) orbiter base
- (c) upper MPS nozzle
- (d) OMS nozzle
- (e) body flap
- (f) OMS pod outside
- (g) lower wing surface

12 IA9B tabulated pressure data
- (a) upper wing surface
- (b) left vertical tail surface
- (c) right vertical tail surface
- (d) APU inlet
- (e) SRM booster base
- (f) SRM booster
- (g) external tank
- (h) external tank base

13 IA9C tabulated pressure data
- (a) orbiter fuselage
- (b) orbiter base
- (c) upper MPS nozzle
- (d) OMS nozzle
- (e) body flap
- (f) OMS pod outside

14 IA9C tabulated pressure data
- (a) lower wing surface
- (b) upper wing surface
- (c) left vertical tail surface
- (d) right vertical tail surface

15 IA9C tabulated pressure data
- (a) APU inlet
- (b) SRM booster base
- (c) SRM booster
- (d) external tank
- (e) external tank base

16 OA12A tabulated pressure data
- (a) orbiter fuselage
- (b) orbiter base
- (c) upper MPS nozzle
- (d) OMS nozzle
- (e) body flap
- (f) OMS pod outside

17 OA12A tabulated pressure data
- (a) lower wing surface
- (b) upper wing surface
- (c) left vertical tail surface
- (d) right vertical tail surface
- (e) APU inlet

18 OA12C tabulated pressure data
- All components

NOMENCLATURE
General

SYMBOL	SADSAC SYMBOL	DEFINITION
a		speed of sound; m/sec, ft/sec
C_p	CP	pressure coefficient; $(p_l - p_\infty)/q$
M	MACH	Mach number; V/a
p		pressure; N/m^2, psf
q	Q(NSM) Q(PSF)	dynamic pressure; $1/2\rho V^2$, N/m^2, psf
RN/L	RN/L	unit Reynolds number; per m, per ft
V		velocity; m/sec, ft/sec
α	ALPHA	angle of attack, degrees
β	BETA	angle of sideslip, degrees
ψ	PSI	angle of yaw, degrees
ϕ	PHI	angle of roll, degrees
ρ		mass density; kg/m^3, $slugs/ft^3$
		Reference & C.G. Definitions
A_b		base area; m^2, ft^2
b	BREF	wing span or reference span; m, ft
c.g.		center of gravity
ℓ_{REF} $\bar{c}$	LREF	reference length or wing mean aerodynamic chord; m, ft
S	SREF	wing area or reference area; m^2, ft^2
	MRP	moment reference point
	XMRP	moment reference point on X axis
	YMRP	moment reference point on Y axis
	ZMRP	moment reference point on Z axis

SUBSCRIPTS	
b	base
l	local
s	static conditions
t	total conditions
∞	free stream

NOMENCLATURE (Continued)

Body-Axis System

SYMBOL	SADSAC SYMBOL	DEFINITION
C_N	CN	normal-force coefficient; $\frac{\text{normal force}}{qS}$
C_A	CA	axial-force coefficient; $\frac{\text{axial force}}{qS}$
C_Y	CY	side-force coefficient; $\frac{\text{side force}}{qS}$
C_{A_b}	CAB	base-force coefficient; $\frac{\text{base force}}{qS}$ $-A_b(p_b - p_\infty)/qS$
C_{A_f}	CAF	forebody axial force coefficient, $C_A - C_{A_b}$
C_m	CLM	pitching-moment coefficient; $\frac{\text{pitching moment}}{qS\ell_{REF}}$
C_n	CYN	yawing-moment coefficient; $\frac{\text{yawing moment}}{qSb}$
C_ℓ	CBL	rolling-moment coefficient; $\frac{\text{rolling moment}}{qSb}$
		Stability-Axis System
C_L	CL	lift coefficient; $\frac{\text{lift}}{qS}$
C_D	CD	drag coefficient; $\frac{\text{drag}}{qS}$
C_{D_b}	CDB	base-drag coefficient; $\frac{\text{base drag}}{qS}$
C_{D_f}	CDF	forebody drag coefficient; $C_D - C_{D_b}$
C_Y	CY	side-force coefficient; $\frac{\text{side force}}{qS}$
C_m	CLM	pitching-moment coefficient; $\frac{\text{pitching moment}}{qS\ell_{REF}}$
C_n	CLN	yawing-moment coefficient; $\frac{\text{yawing moment}}{qSb}$
C_ℓ	CSL	rolling-moment coefficient; $\frac{\text{rolling moment}}{qSb}$
L/D	L/D	lift-to-drag ratio; C_L/C_D
L/D_f	L/DF	lift to forebody drag ratio; C_L/C_{D_f}

NOMENCLATURE (CONTINUED)

ADDITIONS TO STANDARD LIST

SYMBOL	PLOT SYMBOL	DEFINITION
δ_R	RUDDER	rudder, surface deflection angle, positive deflection, trailing edge to the left; degrees.
δ_e	ELEVON	elevon, surface deflection angle, positive deflection, trailing edge down; degrees.
δ_{RF}	RUDFLR	rudder flare, split rudder deflection angle, left split rudder trailing edge left and right split rudder trailing edge right, $\delta_{RF} = (\delta_{RL} + \delta_{RR})/2$, positive deflection; degrees.
i_o	ORBINC	incidence angle between the orbiter and external tank, $i_o = \alpha_t - \alpha_t$; degrees.
β_T	BETAT	angle of sideslip of external tank.
α_T	ALPHAT	angle of attack of external tank.
ℓ_B	LB	length of orbiter body; in.
ℓ_T	LT	length of external tank; in.
ℓ_s	LS	length of SRM booster; in.
ℓ_{NM}	LNM	length of OMS nozzle, positive direction forward of exit plane; in.
ℓ_{NP}	LNP	length of MPS nozzle, positive direction forward of exit plane; in.
b/2	BW	wing semi-span; in.
b_v	BV	vertical tail span; in.
x	X	distance from component nose; in.
y	Y	lateral distance from centerline; in.

NOMENCLATURE (CONCLUDED)

SYMBOL	PLOT SYMBOL	DEFINITION
z	Z	vertical distance measured from W.L. 500 (vertical tail reference root chord); in.
c_w	CW	local wing chord; in.
c_v	CV	local vertical tail chord; in.
x/ℓ_B	X/LB	longitudinal position/orbiter body length.
x/ℓ_T	X/LT	longitudinal position/external tank length.
x/ℓ_S	X/LS	longitudinal position/booster length.
x/ℓ_{NM}	X/LNM	longitudinal position/OMS nozzle length.
x/ℓ_{NP}	X/LNP	longitudinal position/MPS nozzle length.
x/c_w	X/CW	local chordwise position/local wing chord length.
x/c_v	X/CV	local chordwise position/local vertical tail chord length.
y/b/2	Y/BW	local spanwise position/wing semi-span.
z/b_v	Z/BV	local spanwise position/vertical tail span.

CONFIGURATIONS INVESTIGATED

The 0.030-scale aero loads model was a replica of the Space Shuttle Vehicle 2A. It consisted of four major components: the orbiter, the external oxygen and hydrogen tank (ET) and two solid rocket boosters (SRB).

On the ascent configuration, the orbiter was strut mounted from the ET on a Task Corporation MK XVI 2.5-inch diameter internal balance. The left SRB was strut mounted from the ET on a Task Corporation MK XXII 1.5-inch diameter internal balance. No attempt was made to simulate actual inter-attachments. The ET was sting mounted to the tunnel model support system on a Task Corporation 4.0-inch diameter internal balance. The right SRB was strut mounted symetrically to the left side, but did not contain a balance. The orbiter configuration, designated as O_{2A}, consisted of $B_{10}C_5D_7W_{87}V_5R_5M_3F_4$.

The entry configuration consisted of the isolated orbiter, sting mounted to the tunnel model support system on a Task Corporation MK XXA 2.5-inch diameter internal balance. Midway through the OA12C test, the MK XXA balance was damaged and was replaced by the MK XXB for the high angles of attack. The orbiter was provided with deflectable elevons by means of interchangeable brackets, deflectable rudder by means of a pin-indexed hinge, and interchangeable rudders to obtain different speed brake flare angles. The main propulsion system engines were removed during entry configuration testing to provide sting clearance. A cover plate was provided for the strut clearance hole.

The orbiter was instrumented with 374 pressure orifices on the left wing, left side of the fuselage, vertical tail, left OMS pod and engine, left and upper MPS engine and the base. The pressures were measured using eleven Scanivalve, Inc., S-type valve modules mounted internally (a five and a six gang unit). When tested in the entry configuration, the MPS pressures were not available for measurement.

The left side of the ET was instrumented with 136 pressure orifices. These pressures were measured by means of 7 Scanivalve, Inc., S-type valve modules configured as one unit of 6 modules and one single. These valves were mounted internally in the tank. The left SRB had one gang of six S-type modules to measure 102 pressures. The right SRB was not instrumented. The pressure transducers used in the valve modules were Statham PM 131 TC differential pressure transducers, with ranges of ±10 psid, ±12.5 psid and ±15 psid. Reference and calibration pressures were measured by the ARC micro manometers.

Some modifications were made to the model at the test site prior to

testing. These were as follows:

1. The forward tip of the ET containing the retro rocket package (Reference NR Drawing VL78-000018) was replaced with a flush 0.90 inch radius nose (Model scale). The new nose had five pressure taps; one in the nose and four more aft of the nose on the vertical and horizontal axis on a 0.315 inch radius.

2. The ET balance cavity was enlarged by one inch on the diameter (from 5 inches to 6 inches) to provide clearance for cable routing and eliminate balance interference.

3. The clearances around both the orbiter and the SRB struts were opened to approximately 1/8 inch to prevent interference.

4. An alternate rudder hinge pin was provided to give a rudder deflection of +15 degrees.

Before and during the tests various model discrepancies developed or were discovered. These were generally minor and had only a negligible, if any, effect on the data. Significant discrepancies are noted below:

1. Pressure orifices P171 and P173 on the OMS pod base were omitted.

2. During the test certain pressure taps developed leaks or became plugged. Data from these taps are questionable and should be used with caution. Difficulties in checking may have resulted in erroneous indications of leakage. Repairs were made to correct leaking or plugged pressure instrumentation, whenever possible, as the test progressed. The following list gives those taps that were indicated as bad on the various leak and response checks:

ARC Facility	Run Nos.	Orifice numbers with questionable pressure data
11'	2-4	72, 163, 427
↓	5-118	31, 100, 123, 163, 201, 427
	119-160	16, 98, 101, 107, 333, 427
	161-170	16, 98, 101, 107, 333, 427 + 306, 307, 327, 328, 336, 337, 356, 357, 375

CONFIGURATIONS INVESTIGATED (CONCLUDED)

ARC Facility	Run Nos.	Orifice numbers with questionable pressure data
11'	171-182	16, 47, 53, 75, 78, 98, 107, 201, 236, 237, 238, 307, 327, 365, 427
↓	183-189	Same as (171-182) + 7, 447, 525
	190-211	Same as (171-182)
8'x7'	220-234	20, 21, 24, 74, 326, 327, 336, 424, 427, 752, 868, 871
↓	235-285	74, 326, 327, 336, 424, 427, 752, 868, 871
	286-300	74, 107, 115, 124, 129, 138, 326, 327, 336, 427
	301-305	74, 326, 327, 336, 427
	306-333	74, 326, 327, 427
9'x7'	340-396	5, 325, 326, 327, 424, 427, 526, 752, 868, 871

TEST FACILITIES DESCRIPTION

Ames 11 x 11-Ft. Transonic

The Ames 11 x 11-Foot Transonic Wind Tunnel is a variable density, closed return, continuous flow type. This tunnel has an adjustable nozzle (two flexible walls) and a slotted test section to permit transonic testing over a Mach number range continuously variable from 0.4 to 1.4.

Ames 8 x 7-Ft. Supersonic

The Ames 8 x 7-Foot Supersonic Wind Tunnel is a closed-return, variable-density tunnel with a 8- by 7-foot rectangular test section. The nozzle has flexible side walls with fixed upper and lower surfaces. Mach number range is continuously variable from 2.45 to 3.5. Tunnel stagnation pressure can be varied from 0.3 to 2.0 atmospheres and Reynolds number per foot varies from 1.0×10^6 to 5.0×10^6.

Ames 9 x 7-Ft. Supersonic

The Ames 9 x 7-Foot Supersonic Wind Tunnel is a variable density, continuous flow type with an adjustable nozzle to permit supersonic testing over a Mach number range continuously variable from 1.5 to 2.5. The nozzle is of the asymmetric, sliding-block type in which the variation of the test section Mach number is achieved by translating, in the streamwise direction, the fixed-contour block that forms the floor of the nozzle.

DATA REDUCTION

Standard procedures were utilized to reduce force and pressure data to coefficient form. The following dimensional constants were applied:

Reference Dimensions and Constants (Model Scale)

$S_{Ref.} = 2.421\ ft^2$	Orbiter reference area
$\ell_{Ref.} = 39.849$ in.	Orbiter reference length

Base Areas (Model Scale)

$A_{BOI} = 0.1903\ Ft^2$	Orbiter base area, integrated
$A_{BOA} = 0.0362$	Orbiter base area, sting mounted
$A_{BMPSU} = 0.0417$	Orbiter upper MPS base area
$A_{BMPSL} = 0.0853$	Orbiter lower MPS base area
$A_{BACPS} = 0.0310$	Orbiter ACPS base area on OMS pod
$A_{BOMS} = 0.0231$	Orbiter OMS nozzle base area
$A_{BPOD} = 0.0257$	Orbiter OMS pod base area
$A_{CO} = 0.0611$	Orbiter sting cavity base area
$A_{BNOZ} = 0.0564$	SRM nozzle base area
$A_{BSKIRT} = 0.1729$	SRM nozzle skirt base area
$A_{BETI} = 0.3189$	ET Base area
$A_{CET} = 0.1964$	ET Sting cavity base area

TEST : OA12 / IA9 | TABLE I. | DATE : May, 1973

TEST CONDITIONS

MACH NUMBER	REYNOLDS NUMBER (per unit length)	DYNAMIC PRESSURE (pounds/sq. foot)	STAGNATION TEMPERATURE (degrees Fahrenheit)
0.6	4.0×10^6	540	120° NOM.
0.9	4.5	800	↓
1.1	4.0	800	↓
1.25	3.0	630	↓
1.4	3.0	650	↓
1.55	2.8	600	↓
2.0	2.3	490	↓
2.5	1.5	300	↓
3.0	2.0	350	↓
3.5	2.0	300	↓

BALANCE UTILIZED: FIVE (5) TASK CORPORATION BALANCES WITH CAPACITIES AS FOLLOWS:

	ISOLATED ORBITER MK IA	ISOLATED ORBITER MK IB	INTEGRATED ORB MK I	INTEGRATED SRB MK II	INTEGRATED ET MK II
N_F	3000	3000	2400	1250	4000
N_A	3000	3000	2400	1250	4000
Y_F	1500	1500	1200	500	2000
Y_A	1500	1500	1200	500	2000
X	600	600	1500	200	1000
R	4000	4000	4000	1000	10,000
SIZE	2.5"	2.5"	2.5"	1.5"	4.0"

COMMENTS: THE MARK IA, 2.5IN DIA. BALANCE WAS DAMAGED AFTER RUN 319. THE MARK IB WAS SUBSTITUTED FOR RUN 320 AND SUBSEQUENT RUNS

TABLE II.

TEST: ARC 11-707(IA9A) | DATA SET/RUN NUMBER COLLATION SUMMARY | DATE: 4-27-73

DATA SET IDENTIFIER	CONFIGURATION	SCHD. α	SCHD. β	PARAMETERS/VALUES δ_e	δ_R	δ_{FR}	i_o	NO. OF RUNS	MACH NUMBERS (OR ALTERNATE INDEPENDENT VARIABLE) 0.6	0.9	1.1	1.25	1.4	TEST RUN NUMBERS
RBMx01	$\phi_{2A} + S_3 + T_9$	A	0	0	0	0	1.5	4	3	5	6	7		
02		A	0	"	"	"	0.5	5	8	18	28	38	48	
03		-8	B				"	4	9	19	29	39		
04		-6	"					"	10	20	30	40		
05		-4							11	21	31	41		
06		-2							12	22	32	42		
07		0						5	13	23	33	43	49	
08		2						4	14	24	34	44		
09		4						"	15	25	35	45		
10		6							16	26	36	46		
11		8							17	27	37	47		
12		-8	C		-5			2			97	102		
13		-6	"		"			"			118	111		
14		-4									98	103		
15		-2									117	112		
16		0									99	104		
17		2									116	113		
18		4									100	105		

1 7 13 19 25 31 37 43 49 55 61 67 75 76

α OR β SCHEDULES — COEFFICENTS

$\alpha A = -8, -6, -4, -2, 0, 2, 4, 6, 8$

$\beta B = -8, -6, -4, -2, 0, 2, 4, 6, 8$

$\beta C = -8, -4, 0, 4, 8$

IDVAR (1) IDVAR (2) NDV

TABLE II. CONTINUED

TEST: ARC - 11 - 707 (IA...

DATE:

DATA SET/RUN NUMBER COLLATION SUMMARY

DATA SET IDENTIFIER	CONFIGURATION	SCHD. α	SCHD. β	PARAMETERS/VALUES δ_e	δ_R	δ_{FR}	i_o	NO. OF RUNS	MACH NUMBERS (OR ALTERNATE INDEPENDENT VARIABLE) 0.6	0.9	1.1	1.25						
RBMx19	$\phi_{2A}+S_3+T_7$	6	C	0	-5	0	0.5	2			115	114						
20		8			-5						101	106						
21		-8			-10						60	69						
22		-6									61	70						
23		-4									62	71						
24		-2									63	72						
25		0									64	73						
26		2									65	74						
27		4									66	75						
28		6									67	76						
29		8									68	77						
30		-8			-15						78	88						
31		-6									79	89						
32		-4									80	90						
33		-2									81	91						
34		0									82	92						
35		2									83	93						
36		4									84	94						

TEST RUN NUMBERS

1 7 13 19 25 31 37 43 49 55 61 67 75 76

COEFFICENTS

IDVAR (1) IDVAR (2) NDV

α OR β SCHEDULES

TABLE II. CONTINUED

TEST : ARC 11-707 (IA-7A)

DATA SET/RUN NUMBER COLLATION SUMMARY

DATE :

DATA SET IDENTIFIER	CONFIGURATION	SCHD. α	SCHD. β	PARAMETERS/VALUES δ_e	δ_R	δ_{FR}	i_o	NO. OF RUNS	MACH NUMBERS (OR ALTERNATE INDEPENDENT VARIABLE) 0.6	0.9	1.1	1.25	TEST RUN NUMBERS
RBMx 37	$\phi_{2A} + S_3 + T_9$	6	C	0	-15	0	0.5	2			85	95	
38		8			-15						87	96	
39		-8			-5						50	55	
40		-4									51	56	
41		0									52	57	
42		4									53	58	
43		8									54		
44		A	0		0		-1.2	4	107	108	109	110	

1 7 13 19 25 31 37 43 49 55 61 67 75 76

COEFFICENTS IDVAR (1) IDVAR (2) NDV

α OR β SCHEDULES

TABLE II. CONTINUED

TEST: ARC 97-707 (IA9B) — DATA SET/RUN NUMBER COLLATION SUMMARY — DATE: 5-17-73

DATA SET IDENTIFIER	CONFIGURATION	SCHD. α	SCHD. β	PARAMETERS/VALUES δe	PARAMETERS/VALUES δR	PARAMETERS/VALUES io	PARAMETERS/VALUES δRF	NO. OF RUNS	MACH NUMBERS (OR ALTERNATE INDEPENDENT VARIABLE) 1.55	MACH NUMBERS (OR ALTERNATE INDEPENDENT VARIABLE) 2.0	TEST RUN NUMBERS
RBØx 01	$B_{2A} + S_3 + T_9$	A	0	0	0	0.5	0	2	341	351	
02		8	B						342	360	
03		6							343	359	
04		4							344	358	
05		2							345	357	
06		0							346	356	
07		-2							347	355	
08		-4							348	354	
09		-6							349	353	
10		-8							350	352	
11		-8	C		-15				361	367	
12		-4							362	368	
13		0							363	369	
14		4							364	370	
15		6							365	371	
16		8							366	372	
17		-8			-10				373	379	
18		-4			-10				374	380	

1 7 13 19 25 31 37 43 49 55 61 67 75 76

α OR β SCHEDULES — COEFFICENTS

α(A) = -8, -6, -4, -2, 0, 2, 4, 6, 8

β(B) = 8, 6, 4, -4, -6, -8

IDVAR (1) IDVAR (2) NDV

β(C) = 8, 6, 4, 0, -4, -6, -8

TABLE II. CONTINUED

TEST: ARC 97-707(IA9B) — DATA SET/RUN NUMBER COLLATION SUMMARY — DATE: 5-17-73

DATA SET IDENTIFIER	CONFIGURATION	SCHD. α	SCHD. β	PARAMETERS/VALUES δ_e	δ_R	i_o	δ_{RF}	NO. OF RUNS	MACH NUMBERS (OR ALTERNATE INDEPENDENT VARIABLE) 1.55	2.0	TEST RUN NUMBERS
RBØx19	Ø:A + S:B + T:9	0	C	0	-10	0.5	0	2	375	381	
20		4							376	382	
21		6							377	383	
22		8							378	384	
23		-8			+15				385	391	
24		-4							386	392	
25		0							387	393	
26		4							388	394	
27		6							389	395	
28		8							390	396	

1 7 13 19 25 31 37 43 49 55 61 67 75 76

COEFFICENTS — IDVAR (1) IDVAR (2) NDV

α OR β SCHEDULES

TABLE II. CONTINUED

TEST : ARC 8×7-707 (IA9C) — DATA SET/RUN NUMBER COLLATION SUMMARY — DATE : 5-1-73

DATA SET IDENTIFIER	CONFIGURATION	SCHD. α	SCHD. β	PARAMETERS/VALUES δ_e	δ_R	δ_{FR}	i_o	NO. OF RUNS	MACH NUMBERS (OR ALTERNATE INDEPENDENT VARIABLE) 2.5	3.0	3.5	TEST RUN NUMBERS
RBNx01	$\emptyset_{2A} + S_3 + T_9$	A	0	0	0	0	0.5	3	240	230	220	
02		-8	B						241	231	221	
03		-6							242	232	222	
04		-4							243	233	223	
05		-2							244	234	224	
06		0							245	235	225	
07		2							246	236	226	
08		4							247	237	227	
09		6							248	238	228	
10		8							249	239	229	
11		-8	C		-15				267	256	250	
12		-4							266	257	251	
13		0							265	258	252	
14		4							264	259	253	
15		6							263	260	254	
16		8							262	261	255	

1 7 13 19 25 31 37 43 49 55 61 67 75 76

α OR β SCHEDULES — COEFFICENTS — IDVAR (1) — IDVAR (2) — NDV

$\alpha A = -8, -6, -4, -2, 0, 2, 4, 6, 8$

$\beta B = -8, -6, -4, -2, 4, 6, 8$

$\beta C = -8, -6, -4, 0, 4, 6, 8$

TABLE II. CONTINUED

TEST: ARC 8×7-707 (IA9C) — DATA SET/RUN NUMBER COLLATION SUMMARY — DATE: 5-1-73

DATA SET IDENTIFIER	CONFIGURATION	SCHD. α	SCHD. β	PARAMETERS/VALUES δ_e	δ_R	δ_{FR}	i_0	NO. OF RUNS	MACH NUMBERS (OR ALTERNATE INDEPENDENT VARIABLE) 2.5	3.0	3.5	TEST RUN NUMBERS
RBN×17	$\emptyset_{2A} + S_3 + T_9$	-8	C	0	-10	0	0.5	3	274	280*	268	
18		-4							275	281*	269	
19		0							276	282*	270	
20		4							277	283*	271	
21		6							278	284*	272	
22		8							279	285*	273	

1 7 13 19 25 31 37 43 49 55 61 67 75 76

COEFFICENTS — IDVAR (1) — IDVAR (2) — NDV

α OR β SCHEDULES

* NOTE: RUNS 280-285: β SCHEDULE 15:
-8, -4, 0, 4, 8

TABLE II. CONTINUED

TEST : AIES 11-707 (0A12A) — DATA SET/RUN NUMBER COLLATION SUMMARY — DATE : 4-23-73

DATA SET IDENTIFIER	CONFIGURATION	SCHD. α	SCHD. β	PARAMETERS/VALUES δ_e	PARAMETERS/VALUES δ_R	PARAMETERS/VALUES δ_{FR}	NO. OF RUNS	MACH NUMBERS (OR ALTERNATE INDEPENDENT VARIABLE) 0.6	0.9	TEST RUN NUMBERS
RBPx01	$B_{10}C_5D_7N_2F_4M_3N_8V_5R_5W_{87}E_{10}$	A	0	0	0	0	2	119	125	
02		0	B					120	126	
03		5						121	127	
04		10						122	128	
05		15						123	129	
06		20						124	130	
07		0	C		-10			131	136	
08		5						132	137	
09		10						133	138	
10		15						134	139	
11		20						135	140	
12		0			-20			141	146	
13		5						142	147	
14		10						143	148	
15		15						144	149	
16		20						145	150	
17		0	D	10	0			151	156	
18		5	D	10	0			152	160	

1 7 13 19 25 31 37 43 49 55 61 67 75 76

IDVAR (1) IDVAR (2) NDV

α OR β SCHEDULES — COEFFICENTS

α A = MAX, 0, 5, 10, 15, 20, 25

β B = -10, -5, 5, 10

β C = 8, -4, 0, 4, 8

β D = -10, 0, 10 β E = -5, 0, 5

TABLE II. CONTINUED

TEST: AMES 11-707 (OA12A) — DATA SET/RUN NUMBER COLLATION SUMMARY — DATE: 4-23-73

DATA SET IDENTIFIER	CONFIGURATION	SCHD. α	SCHD. β	PARAMETERS/VALUES δe	δR	δFR	NO. OF RUNS	MACH NUMBERS (OR ALTERNATE INDEPENDENT VARIABLE) 0.6	0.9								TEST RUN NUMBERS
RBPx19	$B_{10}C_5D_7N_2F_4M_3N_8V_5R_5W_{87}E_{18}$	10	D	+10	0	0	2	153	157								
20		15						154	159								
21		20						155	158								
22		0	C	-10				161	166								
23		5						162	167								
24		10						163	168								
25		15						164	169								
26		20						165	170								
27		-4	E	-20				171	182								
28		0	C					172	181								
29		5						173	180								
30		10						174	179								
31		15						175	178								
32		20						176	177								
33		-4	E	0	0	40		183	189								
34		0	C					184	190								
35		5						185	191								
36		10						186	192								

1 7 13 19 25 31 37 43 49 55 61 67 75 76

IDVAR (1) IDVAR (2) NDV

α OR β SCHEDULES — COEFFICENTS

α A = -MAX, 0, 5, 10, 15, 20, 25

β B = -10, -5, 5, 10

β C = -8, -4, 0, 4, 8

β D = -10, 0, 10

β E = -5, 0, 5

TABLE II. CONTINUED

TEST: AMES 11-707 (OA12A)

DATA SET/RUN NUMBER COLLATION SUMMARY

DATE: 4-23-73

DATA SET IDENTIFIER	CONFIGURATION	SCHD. α	SCHD. β	PARAMETERS/VALUES δ_e	δ_R	δ_{FR}	NO. OF RUNS	MACH NUMBERS (OR ALTERNATE INDEPENDENT VARIABLE) 0.6	0.9	1.1	1.25	1.4
RBPx37	$B_{10}C_5D_7N_2F_4M_7N_8V_6R_5W_{87}E_{18}$	15	C	0	0	40		187	193			
38		20	C			40		188	194			
39		F	0			0				199	197	195
40		0.5	G							200	198	196
41		-4	E		-10			201	202			
42		-4	E		-20			203	204			
43		-4	E	10	0	0		205	206			
44		-4	E	-10				207	208			
45		-4	E	0				210	209			
46		H	0					216	211			
47		-5	I					215	212			
48		-10	I					214	213			

TEST RUN NUMBERS

1 7 13 19 25 31 37 43 49 55 61 67 75 76

COEFFICENTS IDVAR (1) IDVAR (2) NDV

α OR β SCHEDULES

$\alpha F = -4.5, -3.5, -1.5, 0.5, 2.5, 4.5, 6.6, 8.6, 10, 15$

$\alpha H = 0, -5, -10, -15$

$\beta G = -8, -4, -2, 0, 2, 4, 8$

$\beta I = -10, -5, 5, 10$

TABLE II. CONTINUED

TEST: 87-707 (0A12C) — DATA SET/RUN NUMBER COLLATION SUMMARY — DATE: 5-9-73

DATA SET IDENTIFIER	CONFIGURATION	SCHD. α	SCHD. β	PARAMETERS/VALUES δ_e	δ_R	δ_{FR}	NO. OF RUNS	MACH NUMBERS (OR ALTERNATE INDEPENDENT VARIABLE) 2.5	3.5	TEST RUN NUMBERS
RBQx01	$B_1\alpha_5C_7D_7M_2F_4M_6N_8V_5F_9W_{37}F_{12}$	A	0	0	0	40	2	290	286	
02		0	B					293	289	
03		10	C					292	288	
04		20	C					291	287	
05		0	D		-20			297	294	
06		10						298	295	
07		20						299	296	
08		0		10	0			303	300	
09		10						304	301	
10		20						305	302	
11		0		-20				309	306	
12		10						310	307	
13		20						311	308	
14		0		-40				317	314	
15		10						318	315	
16		20						319	316	
17		E	0	0				322	320	
18		30	D	0				323	321	

1 7 13 19 25 31 37 43 49 55 61 67 75 76

COEFFICENTS — IDVAR (1) — IDVAR (2) — NDV

α OR β SCHEDULES

$\alpha A = 0, 5, 10, 15, 20$

$\beta B = 3, -3$

$\beta C = 6, 3, -3, -6$

$\beta D = 6, 3, 0, -3, -6$

$\alpha E = 15, 20, 25, 30, 35, 10$

TABLE II. CONCLUDED

TEST: 87-707 (ØA12C) | DATA SET/RUN NUMBER COLLATION SUMMARY | DATE: 5-9-73

DATA SET IDENTIFIER	CONFIGURATION	SCHD. α	SCHD. β	PARAMETERS/VALUES δe	δR	δFR		NO. OF RUNS	MACH NUMBERS (OR ALTERNATE INDEPENDENT VARIABLE) 2.5	3.5
RBQx 19	$B_{10}C_5D_7N_2F_4M_{13}N_8V_5R_5W_{87}E_{78}$	30	D	0	-20	40		2	325	324
20	↓	30	D	10	0	40		↓	327	326
21	↓	30	D	-20	0	40		↓	329	328
22	↓	20	F	0	0	40		↓	332	330
23	↓	15	G	0	0	40		↓	333	331

TEST RUN NUMBERS

1 7 13 19 25 31 37 43 49 55 61 67 75 76

COEFFICENTS IDVAR (1) IDVAR (2) NDV

α OR β SCHEDULES: βF = 10, 6, 0, -6, -10
βG = 6, 0, -6

TABLE III. MODEL COMPONENT DIMENSIONAL DATA

MODEL COMPONENT: B1O Body

GENERAL DESCRIPTION: Fuselage, 2A Configuration, Lightweight Orbiter, per Rockwell Lines VL70-000089 "B."

Scale Model = .030

DRAWING NUMBER: VL70-000089 "B"
VL70-000092, 93, 94 "A"

DIMENSIONS:	FULL-SCALE	MODEL SCALE
Length ~IN	1328.3	39.8490
Max. Width ~IN ($@X_o$ = 1528.3)	265.0	7.9500
Max. Depth ~IN. ($@X_o$ = 1480.52)	248.0	7.4400
Fineness Ratio	5.012	5.012
Area ~Ft^2		
Max. Cross-Sectional	456.4	.41076
Planform		
Wetted		
Base		

TABLE III. (CONTINUED)

MODEL COMPONENT: Canopy - C5

GENERAL DESCRIPTION: 2A Configuration per Lines VL70-000092

Scale Model = .030

DRAWING NUMBER: VL70-000092

DIMENSIONS:	FULL-SCALE	MODEL SCALE
Length (STA FWD Bulkhead)	391.0	11.730
Max. Width (T.E. Bulkhead)	560.0	16.800
Max. Depth (WP = 42.9 22 to = 500)		
Fineness Ratio		
Area		
Max. Cross-Sectional		
Planform		
Wetted		
Base		

TABLE III. (CONTINUED)

MODEL COMPONENT: Manipulator Housing D-7

GENERAL DESCRIPTION: 2A Configuration per Rockwell Lines VL70-000093

Scale Model = .030

DRAWING NUMBER: VL70-000093

DIMENSIONS:	FULL-SCALE	MODEL SCALE
Length ~ IN.	881.00	26.430
Max. Width ~ IN.	51.00	1.530
Max. Depth ~ IN.	23.00	.690
Fineness Ratio		
Area		
Max. Cross-Sectional		
Planform		
Wetted		
Base		

C Fuselage BP = 0.00

WP = 500.0 IN. FS

X.426.0 to 1307.0 IN. FS

TABLE III. (CONTINUED)

MODEL COMPONENT: WING-W87 New Light Weight Orbiter

GENERAL DESCRIPTION: Orbiter Configuration Per Lines VL70-000093.

NOTE: (Dihedral Angle is defined at the lower surface of the Wing at the 75.33% element line projected into a plane perpendiculary.

Scale Model = .030

TEST NO.

DWG. NO. VL70-000093

DIMENSIONS:	FULL-SCALE	MODEL SCALE
TOTAL DATA		
Area (Theo.) Ft^2		
Planform	2690.00	2.42100
Span (Theo In.	936.68	28.10040
Aspect Ratio	2.265	2.265
Rate of Taper	1.177	1.177
Taper Ratio	0.200	0.2000
Dihedral Angle, degrees	3.5000	3.500
Incidence Angle, degrees	3.000	+3.00
Aerodynamic Twist, degrees	3.500	+3.000
Sweep Back Angles, degrees		
Leading Edge	45.00	45.00
Trailing Edge	-10.24	-10.24
0.25 Element Line	35.209	35.209
Chords:		
Root (Theo) B.P.0.0.	689.24	20.67720
Tip, (Theo) B.P. 46834	137.85	4.13550
MAC	474.81	14.24430
Fus. Sta. of .25 MAC	1136.89	34.10670
W.P. of .25 MAC	299.20	8.97840
183.13 B.L. of .25 MAC	182.13	5.46390
EXPOSED DATA		
Area (Theo) Ft^2	1752.29	1.57706
Span, (Theo) In. BP108 to 468.341	720.68	21.62040
Aspect Ratio	2.058	2.058
Taper Ratio	.2451	.2451
Chords		
Root BP108	562.40	16.8720
Tip 1.00 $\frac{b}{2}$	137.85	4.13550
MAC	393.03	11.79090
Fus. Sta. of .25 MAC	1185.31	35.55930
W.P. of .25 MAC	300.207	9.00621
B.L. of .25 MAC	143.76	4.31280
Airfoil Section (Rockwell Mod NASA) XXXX-64		
Root $\frac{b}{2}$ = .425	.10	.10
Tip $\frac{b}{2}$ = 1.00	.12	.12
Data for (1) of (2) Sides		
Leading Edge Cuff Planform Area Ft^2	170.33	5.1099
Leading Edge Intersects Fus M. L. @ Sta	560.0	16.80
Leading Edge Intersects Wing @ Sta	1035.0	31.050

TABLE III. (CONTINUED)

MODEL COMPONENT: Elevon E-13

GENERAL DESCRIPTION: 2A Configuration Per W-87 Rockwell Lines VL 70-000093

Data for (1) of (2) Sides

Scale Model = .030

DRAWING NUMBER: VL 70-000093

DIMENSIONS:		FULL-SCALE	MODEL SCALE
Area ~ Ft^2		205.52	.18497
Span (equivalent) ~ IN.		353.34	10.60020
Inb'd equivalent chord		114.78	3.44340
Outb'd equivalent chord		55.00	1.6500
Ratio movable surface chord/ total surface chord			
At Inb'd equiv. chord		.208	.208
At Outb'd equiv. chord		.400	.400
Sweep Back Angles, degrees			
Leading Edge		0.00	0.00
Tailing Edge		-10.24	-10.24
Hingeline		0.00	0.00
Area Moment (Normal to hinge line) Product of Area Moment	Ft^3	1548.07	.04180

TABLE III. (CONTINUED)

MODEL COMPONENT: VERTICAL - V5 (Light Weight Orbiter Configuration)

GENERAL DESCRIPTION: Centerline Vertical Tail, Double Wedge Airfoil with Rounded Leading Edge

Scale Model = .030

DRAWING NUMBER: VL70-000095

DIMENSIONS:	FULL-SCALE	MODEL SCALE
TOTAL DATA		
Area (Theo) Ft^2	413.25	.37192
Planform		
Span (Theo) In	315.72	9.47160
Aspect Ratio	1.675	1.675
Rate of Taper	0.507	0.507
Taper Ratio	.404	.404
Sweep Back Angles, degrees		
Leading Edge	45.000	45.000
Trailing Edge	26.249	26.249
0.25 Element Line	41.130	41.130
Chords:		
Root (Theo) WP	268.50	8.05500
Tip (Theo) WP	108.47	3.25410
MAC	199.81	5.99430
Fus. Sta. of .25 MAC	1463.50	43.90500
W. P. of .25 MAC	635.522	19.06566
B. L. of .25 MAC	0.00	0.00
Airfoil Section		
Leading Wedge Angle Deg	10.000	10.000
Trailing Wedge Angle Deg	14.920	14.920
Leading Edge Radius IN.	2.00	.06
Void Area Ft^2	13.17	.01185
Blanketed Area Ft^2	12.67	.01140

TABLE III. (CONTINUED)

MODEL COMPONENT: R-5 Rudder

GENERAL DESCRIPTION: ZA Configuration per Rockwell Lines VL 70-000095

Scale Model = .030

DRAWING NUMBER: VL 70-000095

DIMENSIONS:	FULL-SCALE	MODEL SCALE
Area ~ Ft^2	106.38	.09574
Span (equivalent) ~IN.	201.0	6.030
Inb'd equivalent chord	91.585	2.74755
Outb'd equivalent chord	50.833	1.52499
Ratio movable surface chord/ total surface chord		
At Inb'd equiv. chord	0.400	0.400
At Outb'd equiv. chord	0.400	0.400
Sweep Back Angles, degrees		
Leading Edge	34.83	34.83
Tailing Edge	26.25	26.25
Hingeline	34.83	34.83
Area Moment (Normal to hinge line) ~Ft^3 Product of Area and Mean Chord	526.13	.01421

TABLE III. (CONTINUED)

MODEL COMPONENT: OMS Pod -M3

GENERAL DESCRIPTION: 2A Light Weight Configuration per Rockwell Lines VL70-000094A

Scale Model = .030

DRAWING NUMBER: VL70-000094A

DIMENSIONS:	FULL-SCALE	MODEL SCALE
Length	346.0	10.380
Max. Width $X_{\_}$ = 1450.0	108.0	3.240
Max. Depth X_o = 1500.0	113.0	3.390
Fineness Ratio		
Area		
Max. Cross-Sectional		
Planform		
Wetted		
Base		

℄ of OMS Pod

WP = 463.9 IN. FS WP 400 + 63.9 = 463.9

BP = 80.0 IN. FS

Length 1214.0 to 1560.0 = 346.0 IN. FS

TABLE III. (CONTINUED)

MODEL COMPONENT: F4 Body Flap

GENERAL DESCRIPTION: 2A Configuration per Rockwell Lines VL70-000094A

Scale Model = .030

DRAWING NUMBER: VL70-000094A

DIMENSIONS:	FULL-SCALE	MODEL SCALE
Length	84.70	2.541
Max. Width	265.00	7.950
Max. Depth		
Fineness Ratio		
Area ~ Ft^2		
Max. Cross-Sectional		
Planform	142.64	.12838
Wetted		
- Base Ft^2	38.65	.03478

TABLE III. (CONTINUED)

MODEL DIMENSIONAL DATA

MODEL COMPONENT : S3-Booster Solid Rocket Motor

GENERAL DESCRIPTION : 2A Configuration Per Rockwell Lines VL77-000012 & VL72-000061 "B"

Body of Revolution; Data for (1) of (2) Sides

Scale Model = .030

DRAWING NUMBER : VL 77-000012

DIMENSIONS :	FULL SCALE	MODEL SCALE
Length ~IN.	1732.0	51.96
Max Width (DIA) IN. BSRM Tank	142.0	4.260
Max Depth (DIA) Aft Skirt	259.0	7.77
Fineness Ratio L/D	6.687	6.687
Area ~ Ft^2		
Max. Cross-Sectional (Aft Skirt)	365.87	.32928
Planform		
Wetted		
Base		

Ref.

FS (Orbiter) = 0.00 = 747.99 IN. ET = 200.0 IN. BSRM

WP (BSRM) = WP 400(Orbiter) - 344.413 = 55.587 IN.

BP (Orbiter) = 0.00 = 243.0 IN. BSRM

TABLE III. (CONCLUDED)

MODEL COMPONENT: EXTERNAL TANK - T9

GENERAL DESCRIPTION: 2A Configuration

NOTE: T9 identical to T8 W/O retro pkg., nose w/30"R F.S.

DRAWING NUMBER NONE

DIMENSION:	FULL SCALE	MODEL SCALE
Length - IN.	1858	55.740
Max Width (Dia) - IN.	324.0	9.720
Max Depth		
Fineness Ratio L/D	5.73457	5.73457
Area - FT^2		
Max Cross-Sectional	572.56	0.51530
Planform		
Wetted		
Base		
Nose, Radius, IN.	30.0	

ORBITER STATION ~ X_o			RADIAL LOCATION θ ~ DEGREES																
FULL	MODEL	X_o/ℓ_o	0	20	40	55	70	90	105	110	120	135	142	150	157	162	165	169	172	180
200	6.00	0	20					22												23
210	6.30	.008	21								30			31						32
225	6.75	.019	24	25	26	27	28	29			39			40						41
245	7.35	.034	33	34	35	36	37	38			48			49						50
280	8.40	.060	42	43	44	45	46	47			57			58						59
380	11.40	.136	51	52	53	54	55	56											60	
400	12.00	.151													61					
410	12.30	.158									68			69		70		71		72
430	12.90	.173	62	63	64	65	66	67					73							
460	13.80	.196									80			81			82			83
500	15.00	.226	74	75	76	77	78	79			88			89			90			91
560	16.80	.271	84		85		86	87			96			97			98			99
625	18.75	.320	92		93		94	95			104			105			106			107
725	21.75	.395	100		101		102	103			112			113			114			115
880	26.40	.512	108		109		110	111												
980	29.40	.587	116		117						121			122			123			124
1080	32.40	.662			118		119	120			127			128						129
1180	35.40	.738					125	126			134	135		136			137			138
1245	37.35	.787			130		131	132	133		143	144		145			146			
1300	39.00	.828			139		140	141	142		151	152		153			154			
1375	41.25	.885			147		148	149	150		159	160		161			162			
1430	42.90	.926			155		156	157	158		167	168		169			170			
1480	44.40	.964	163				164	165	166											
1530[a]	45.90	1.001								171	173									
1530[b]	45.90	1.001								172	174									

a OMS POD, INSIDE

b OMS POD, OUTSIDE

a. Orbiter body

Table IV. Pressure Orifice Locations

ORBITER BASE

LOCATION	ORIFICE NUMBERS
ORBITER BASE (INTEGRATED)	1, 2, 3, 4
LEFT MPS NOZZLE BASE	5
UPPER MPS NOZZLE BASE	6
ACPS BASE AREA ON OMS POD	7
OMS NOZZLE BASE	8
OMS POD BASE	9
ORBITER BASE (STING MOUNT)	11, 12, 13, 14
ORBITER STING CAVITY	15, 16

BODY FLAP LWR SURFACE

ORB. STA. ~ X_o		θ ~ DEG	
FULL	MODEL	0	40
1580	47.40	175	176

MPS NOZZLE

X ~ IN. FWD BASE		θ ~ DEG					
FULL	MODEL	0	90	135	180	225	270
25	0.75	181	18[illegible]	183	184	185	186
50	1.50	187	188	189	190	191	192
75	225		193	194	195	196	197

OMS NOZZLE

X ~ IN FWD BASE		θ ~ DEG		
FULL	MODEL	135	180	225
10	0.30	177	178	179
20	0.60		180	

VERTICAL TAIL

WATER PLANE ~ Z_o				X/C ~ THEORETICAL VERTICAL CHORD							
FULL	MODEL	η_V		0	.05	.15	.30	.52	.65	.775	.90
525	15.75	.079		400							
550	16.50	.158	L	410	411	412	413	414	415	416	
			R		511	512	513	514	515	516	
600	18.00	.316	L	420	421	422	423	424	425	426	427
			R		521	522	523	524	525	526	527
690	20.70	.60	L	430	431	432	433	434	435	436	437
			R		531	532	533	534	535	536	537
765	22.95	.84	L	440	441	442	443	444	445	446	447
			R		541	542	543	544	545	546	547
792	23.76	.925	L	450	451	452	453	454	455	456	457
			R		551	552	553	554	555	556	557

b. Orbiter Base, Body Flap Lower Surface, and Vertical Tail

Table IV. Continued.

ORBITER WING

ORBITER B.P. – Y_o				X/C – THEORETICAL WING CHORD																			
FULL	MODEL	η		-.49	-.35	-.25	-.15	-.033	0.0	.05	.15	.25	.40	.55	.60	.65	.70	.725	.75	.775	.80	.85	.90	.95
140	4.20	.299	U	200	201		202			203		204		205					206		207	208		209
			L		301		302			303		304		305					306		307	308		309
170	5.10	.364	U			210	211			212														
			L				311			312														
200	6.00	.427	U					220		221	222		223	224					225		226	227	228	229
			L							321	322		323	324					325		326	327	328	329
250	7.50	.534	U						230	231	232	233	234	235				236		237		238	239	240
			L							331	332	333	334	335				336		337		338	339	340
315	9.45	.673	U						250	251	252	253	254	255			256			257		258		259
			L							351	352	353	354	355			356			357		358		359
365	10.95	.780	U						260	261	262	263				264			265			266		267
			L							361	362	363				364			365			366		367
415	12.45	.887	U						270	271	272	273	274		275				276				277	
			L							371	372	373	374		376				376				377	

U – UPPER SURFACE L – LOWER SURFACE

η	X/C LOCAL WING CHORD
.299	0, .094, .229, .362, .497, .700, .834, .865, .900, .965
.364	0, .086, .246
.427	0, .081, .177, .402, .565, .760, .808, .857, .905, .953
.534	SAME AS THEORETICAL CHORD
.673	↓
.780	
.887	

c. Orbiter Wing

Table IV. Continued.

EXTERNAL TANK

TANK STA ~ XT			θ ~ DEG									
FULL	MODEL	XT/LT	0	30	60	90	120	135	150	165	180	270
316.	9.48	0	610									
317.7	9.53	.001	611			614					619	620
400	12.00	.045	621	622	623	624	625		627		629	
520	15.60	.110	631	632	633	634	635		637	638	639	
640	19.20	.174	641	642	643	644	645		647	648	649	
670	20.10	.191	651	652	653	654	655		657	658	659	
710	21.30	.212	661	662	663	664	665		667	668	669	
750	22.50	.234	671	672	673	674	675	676	677	678	679	
850	25.50	.287	681	682	683	684	685		687	688	689	
950	28.50	.341	691	692	693	694	695	696	697	698	699	
1050	31.50	.395	701	702	703	704	705		707	708	709	
1150	34.50	.449	711	712	713	714	715	716	717		719	
1250	37.50	.503	721	722	723	724	725		727	728	729	
1350	40.50	.557	731	732	733	734	735	736	737		739	
1500	45.00	.637	741	742	743	744	745		747	748	749	
1700	51.00	.745	751	752	753		755	756	757		759	
1900	57.00	.853	761	762	763		765	766	767	768		
2040	61.20	.929	771	772	773	774	775	776	777	778		
STING CAVITY			601									
BASE			602			603					604	

d. External Tank

Table IV. Continued.

LEFT SRM

SRM STATION ~ XS			θ ~ DEG							
FULL	MODEL	XS/ℓS	0	45	90	135	180	225	270	315
200	6.00	0	810							
260	7.80	.034	811	812	813	814	815	816	817	818
370	11.10	.097	821	822	823	824	825	826	827	828
400	12.00	.114	831	832	833	834	835	836	837	838
450	13.50	.142	841	842	843	844	845	846	847	848
550	16.50	.199	851	852	853	854	855	856	857	858
700	21.00	.284	861		863		865	866	867	868
850	25.50	.370	871		873		875		877	
1050	31.50	.484	881		883		885			
1250	37.50	.597	891		893		895			
1450	43.50	.711	901		903		905		907	
1650	49.50	.825	911		913		915		917	
1750	52.50	.882	921	922	923	924	925	926	927	928
1790	53.70	.904	931	932	933	934	935	936	937	938
1850	55.50	.939	941	942	943	944	945	946	947	948
1900	57.00	.967	951	952	953	954	955	956	957	958
NOZZLE BASE			801							
SKIRT BASE			802		803		804		805	

e. Left SRM

Table IV. Concluded.

Notes:

1. Positive directions of force cofficients, moment coefficients, and angles are indicated by arrow
2. For clarity, origins of wind and stability axes have been displaced from the center of gravity

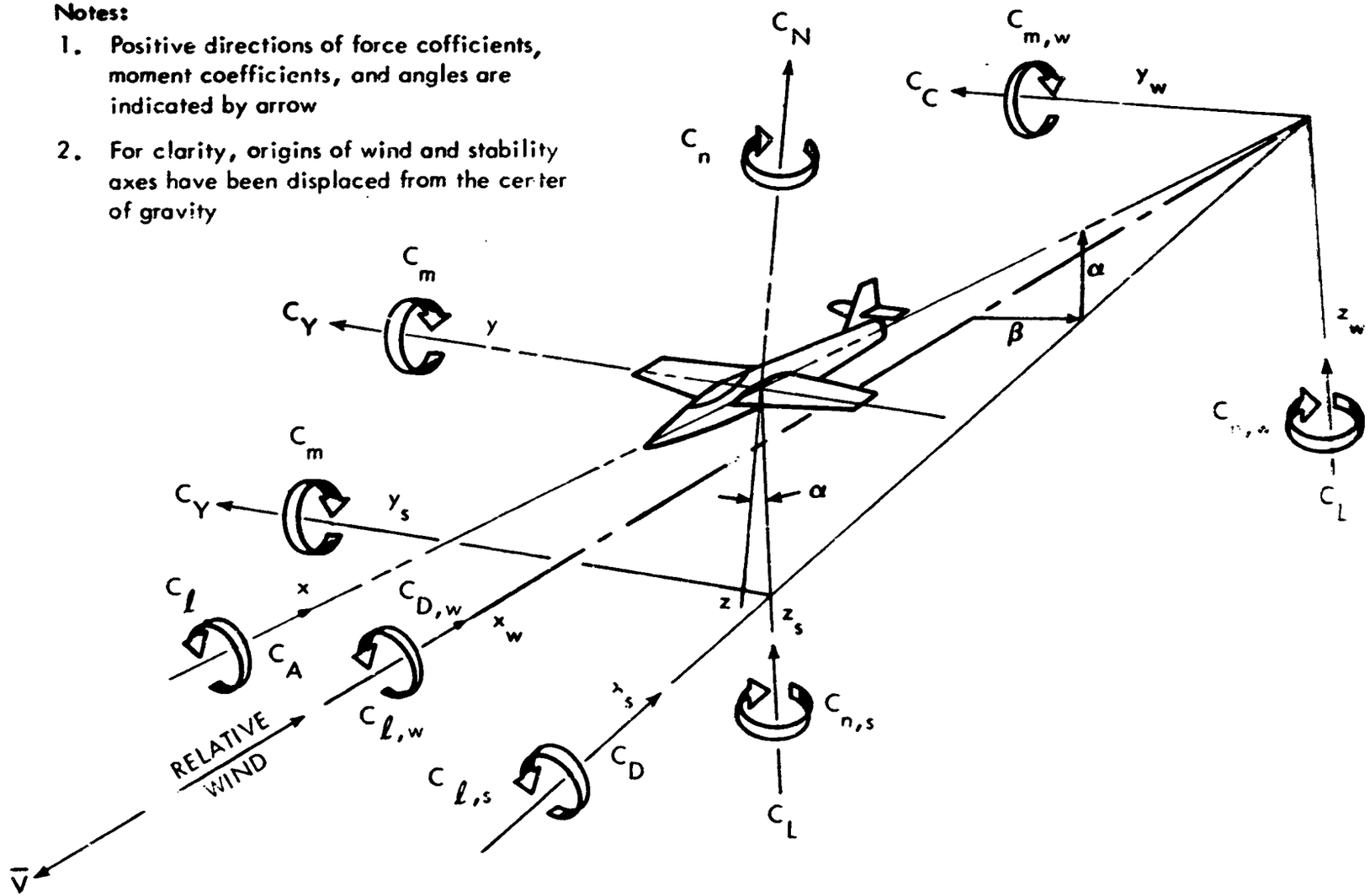
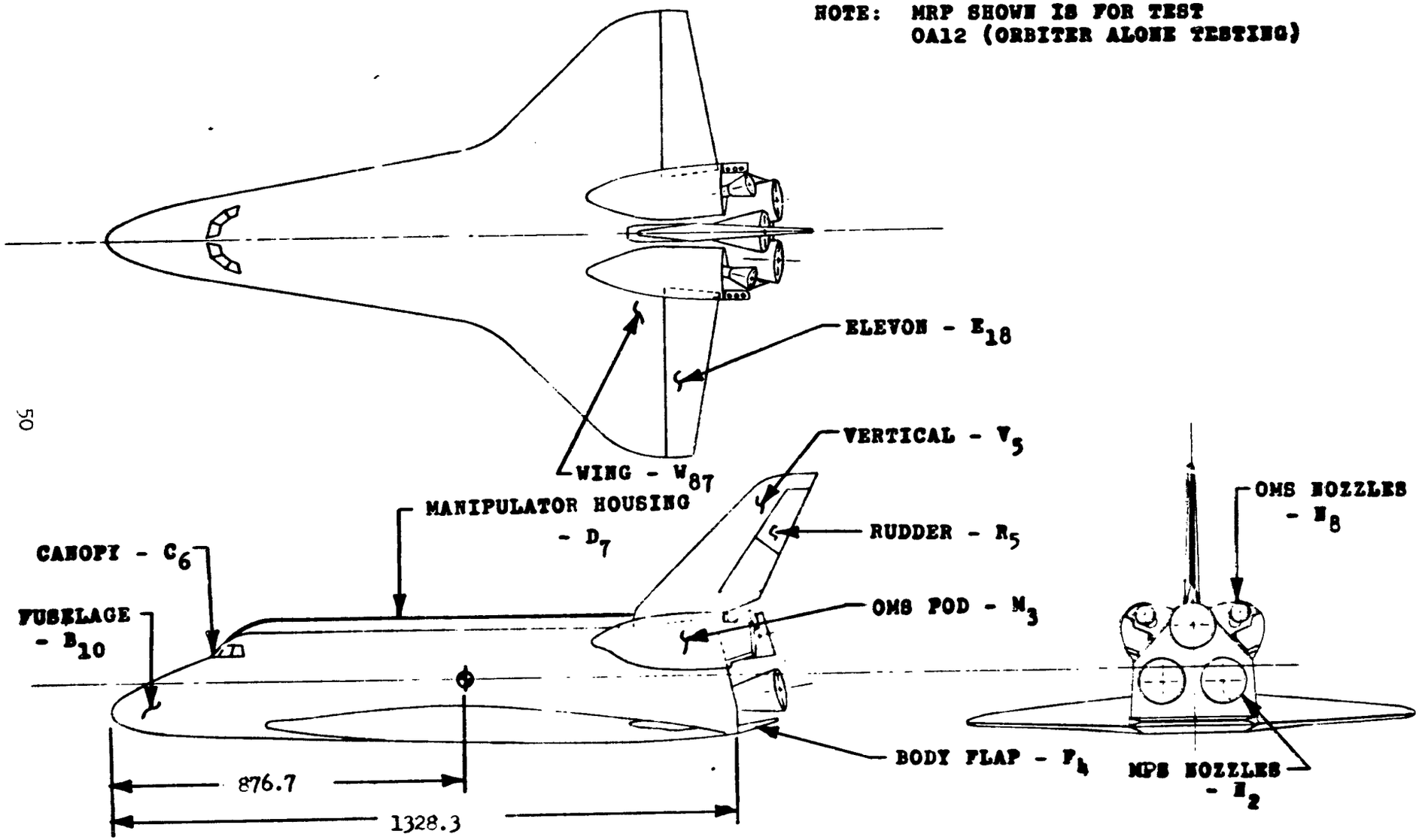
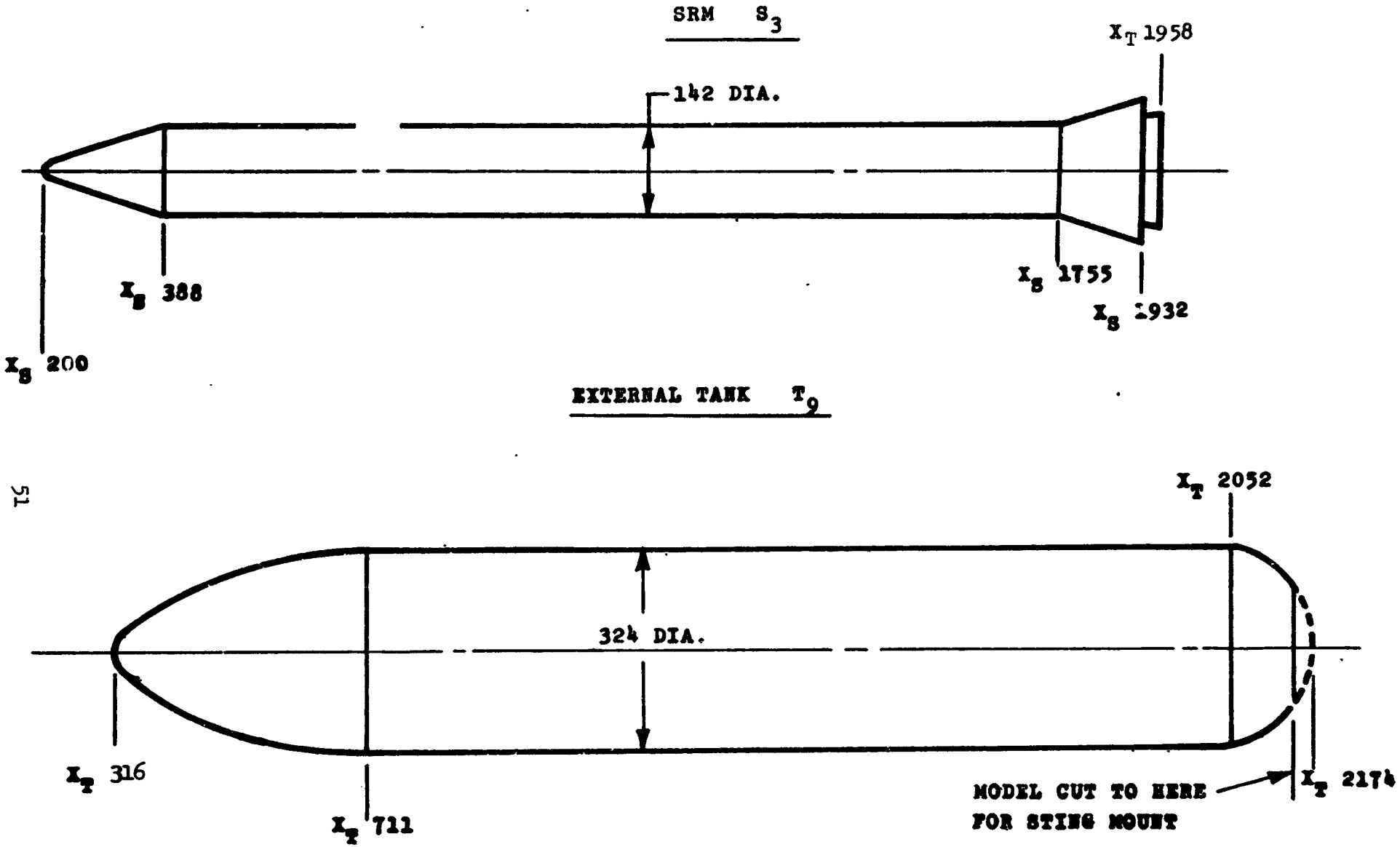


Figure 1. - Axis Systems.



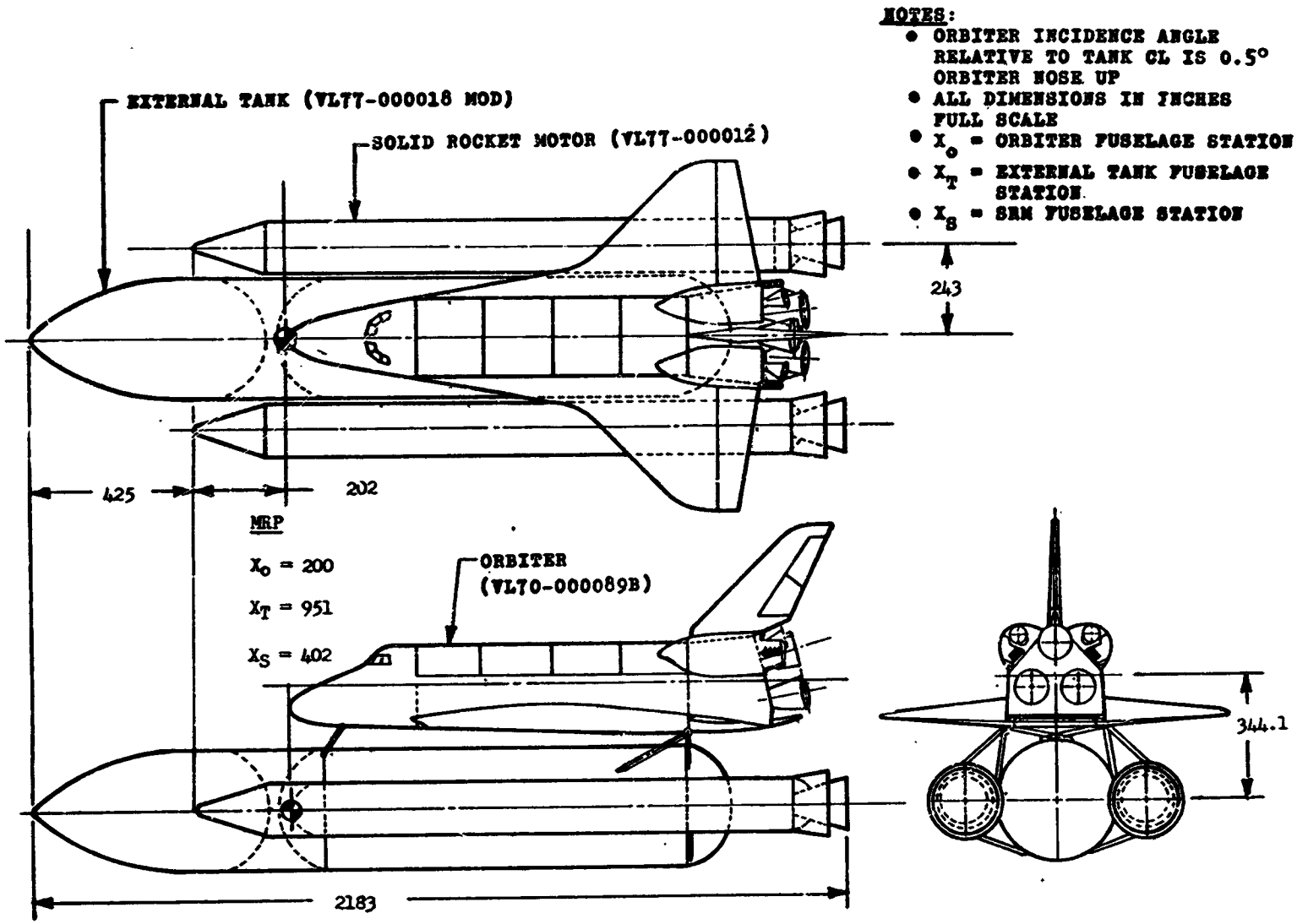
a. Orbiter, O_{Δ}

Figure 4. - Model sketches.



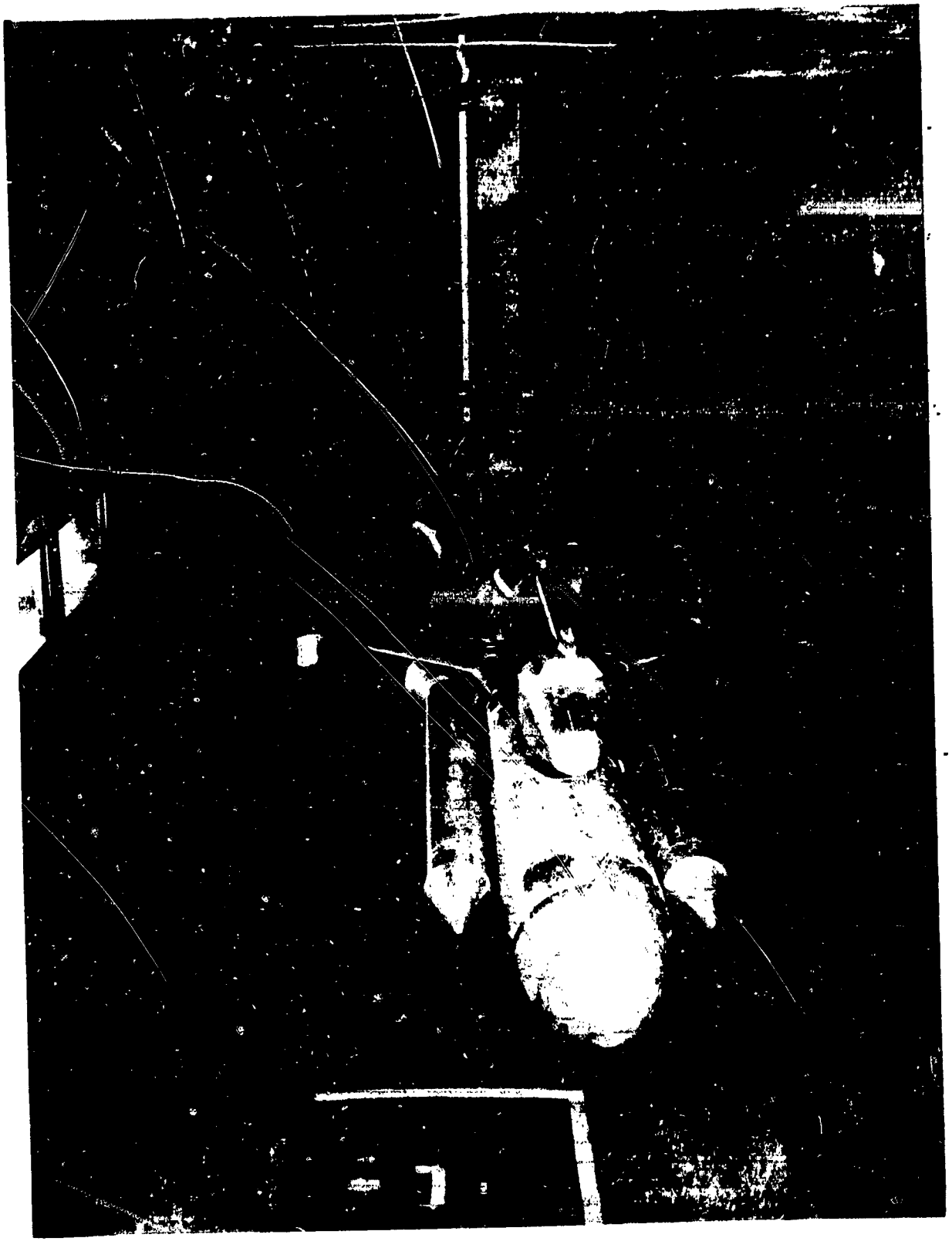
b. SRM, S_3, and External Tank, T_9

Figure 2. - Continued.



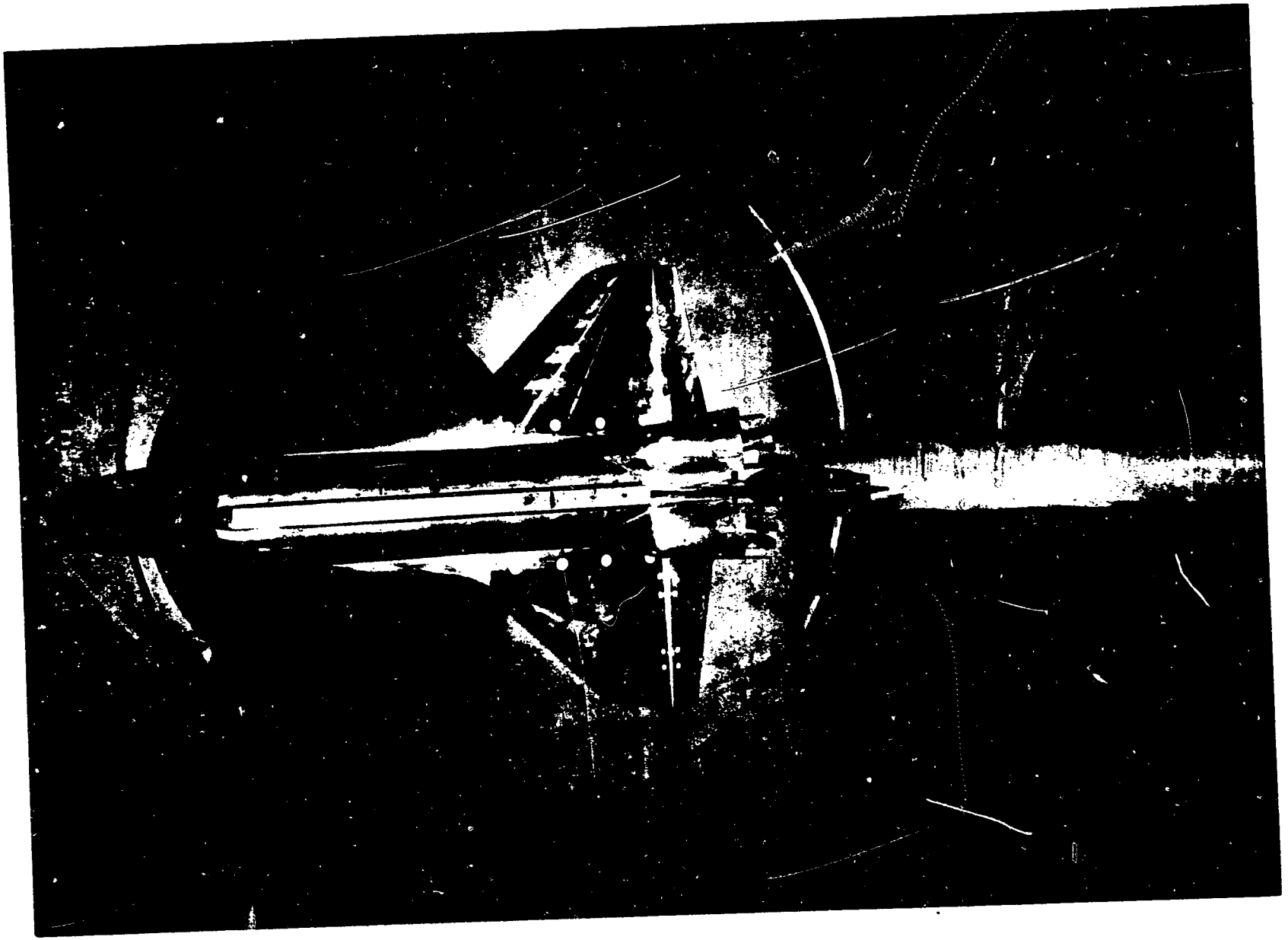
c. Integrated Vehicle

Figure 2. - Concluded.



a. Integrated (Launch) Vehicle Mounted in the ARC 9x7 Ft. Tunnel

Figure 3. - Model Installation Photographs



b. Isolated Orbiter (Entry Configuration) Mounted in the ARC 8x7 Ft. Tunnel

Figure 3. - Concluded.

TABULATED PRESSURE DATA

AMES 11-7D7 IA9 OBA + S3 + T9 OMS NOZZLE (RBMED1) (27 APR 73)

REFERENCE DATA

SREF =	2.4210 SQ.FT.	XMRP =	28.5300 INCHES		
LREF =	39.8490 INCHES	YMRP =	.0000 INCHES		
BREF =	39.8490 INCHES	ZMRP =	.0000 INCHES		
SCALE =	.0300 SCALE				

PARAMETRIC DATA

BETAT =	.000	ORBINC =	1.500
RUDDER =	.000	ELEVON =	.000
RUDFLR =	.000		

SECTION (1)OMS NOZZLE DEPENDENT VARIABLE CP

MACH (1) = .601 ALPHAT(1) = -8.140

X/LNM	.200	.400
PHI		
135.000	-.1990	
180.000	-.1510	-.2930
225.000	-.2970	

MACH (1) = .598 ALPHAT(2) = -6.130

X/LNM	.200	.400
PHI		
135.000	-.1970	
180.000	-.1650	-.2890
225.000	-.2970	

MACH (1) = .597 ALPHAT(3) = -4.100

X/LNM	.200	.400
PHI		
135.000	-.2030	
180.000	-.1790	-.2920
225.000	-.2970	

MACH (1) = .599 ALPHAT(4) = -2.080

X/LNM	.200	.400
PHI		
135.000	-.2170	
180.000	-.1910	-.2920
225.000	-.2910	

MACH (1) = .597 ALPHAT(5) = -.060

X/LNM	.200	.400
PHI		
135.000	-.2190	
180.000	-.2020	-.2870
225.000	-.2860	

MACH (1) = .598 ALPHAT(6) = 1.960

X/LNM	.200	.400
PHI		
135.000	-.2130	
180.000	-.2070	-.2850
225.000	-.2320	

MACH (1) = .597 ALPHAT(7) = 3.930

X/LNM	.200	.400
PHI		
135.000	-.2260	
180.000	-.2170	-.2780
225.000	-.2810	

AMES 11-707 IA9 C2A + S3 + T9 CMS NOZZLE (RBME01)

SECTION (1)CMS NOZZLE DEPENDENT VARIABLE CP

MACH (1) = .800 ALPHAT(8) = 5.900

X/LNM	.200	.400
PHI		
135.000	-.2420	
180.000	-.2130	-.2850
225.000	-.2820	

MACH (1) = .599 ALPHAT(9) = 7.950

X/LNM	.200	.400
PHI		
135.000	-.2450	
180.000	-.2110	-.2860
225.000	-.2840	

MACH (2) = .908 ALPHAT(1) = -8.080

X/LNM	.200	.400
PHI		
135.000	-.2890	
180.000	-.2780	-.3180
225.000	-.3260	

MACH (2) = .899 ALPHAT(2) = -5.980

X/LNM	.200	.400
PHI		
135.000	-.2750	
180.000	-.2560	-.3140
225.000	-.3150	

MACH (2) = .898 ALPHAT(3) = -4.000

X/LNM	.200	.400
PHI		
135.000	-.2820	
180.000	-.2490	-.3010
225.000	-.3010	

MACH (2) = .902 ALPHAT(4) = -1.980

X/LNM	.200	.400
PHI		
135.000	-.2640	
180.000	-.2450	-.3050
225.000	-.2990	

MACH (2) = .902 ALPHAT(5) = .030

X/LNM	.200	.400
PHI		
135.000	-.2610	
180.000	-.2520	-.3050
225.000	-.2990	

MACH (2) = .901 ALPHAT(6) = 2.110

X/LNM	.200	.400
PHI		
135.000	-.2510	
180.000	-.2500	-.3020
225.000	-.3030	

DATE 20 SEP 75 TABULATED PRESSURE DATA - IA9A (RBMED1)

AMES 11-707 IA9 CEA + S3 + T9 CMS NOZZLE

SECTION (1)CMS NOZZLE DEPENDENT VARIABLE CP

MACH (2) = .899 ALPHAT(7) = 4.030

X/LNM	.200	.400
PHI		
135.000	-.2540	
180.000	-.2530	-.2970
225.000	-.3010	

MACH (2) = .901 ALPHAT(8) = 6.000

X/LNM	.200	.400
PHI		
135.000	-.2740	
180.000	-.2640	-.3130
225.000	-.3160	

MACH (2) = .902 ALPHAT(9) = 8.000

X/LNM	.200	.400
PHI		
135.000	-.2930	
180.000	-.2730	-.3270
225.000	-.3260	

MACH (2) = .901 ALPHAT(10) = 10.000

X/LNM	.200	.400
PHI		
135.000	-.3080	
180.000	-.2890	-.3360
225.000	-.3360	

MACH (3) = 1.104 ALPHAT(1) = -8.010

X/LNM	.200	.400
PHI		
135.000	-.2740	
180.000	-.1780	-.3720
225.000	-.3730	

MACH (3) = 1.101 ALPHAT(2) = -5.990

X/LNM	.200	.400
PHI		
135.000	-.2940	
180.000	-.2230	-.3650
225.000	-.3580	

MACH (3) = 1.104 ALPHAT(3) = -3.980

X/LNM	.200	.400
PHI		
135.000	-.3000	
180.000	-.2480	-.3590
225.000	-.3520	

MACH (3) = 1.102 ALPHAT(4) = -2.000

X/LNM	.200	.400
PHI		
135.000	-.3180	
180.000	-.2940	-.3610
225.000	-.3620	

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A (RBMED1)

AMES 11-707 IA9 CBA + S3 + T9 CMS NOZZLE

SECTION (1)CMS NOZZLE DEPENDENT VARIABLE CP

MACH (3) = 1.102 ALPHAT(5) = .030

X/LNM	.200	.400
PHI		
135.000	-.3330	
180.000	-.3150	-.3710
225.000	-.3690	

MACH (3) = 1.101 ALPHAT(6) = 2.010

X/LNM	.200	.400
PHI		
135.000	-.3400	
180.000	-.3230	-.3690
225.000	-.3750	

MACH (3) = 1.102 ALPHAT(7) = 4.080

X/LNM	.200	.400
PHI		
135.000	-.3520	
180.000	-.3290	-.3700
225.000	-.3720	

MACH (3) = 1.103 ALPHAT(8) = 5.980

X/LNM	.200	.400
PHI		
135.000	-.3530	
180.000	-.3310	-.3710
225.000	-.3790	

MACH (3) = 1.102 ALPHAT(9) = 7.980

X/LNM	.200	.400
PHI		
135.000	-.1360	
180.000	-.2900	-.3690
225.000	-.3800	

MACH (3) = 1.102 ALPHAT(10) = 9.950

X/LNM	.200	.400
PHI		
135.000	-.2520	
180.000	-.2700	-.3860
225.000	-.3960	

MACH (4) = 1.250 ALPHAT(1) = -8.000

X/LNM	.200	.400
PHI		
135.000	-.1040	
180.000	-.0430	-.3110
225.000	-.3450	

MACH (4) = 1.252 ALPHAT(2) = -5.980

X/LNM	.200	.400
PHI		
135.000	-.1230	
180.000	-.0850	-.3150
225.000	-.3290	

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A (RBMED1)

AMES 11-707 IA9 O2A + S3 + T9 CNS NOZZLE

SECTION (1)CNS NOZZLE DEPENDENT VARIABLE CP

MACH (4) = 1.248 ALPHAT(3) = -4.030

X/LNM	.200	.400
PHI		
135.000	-.1720	
180.000	-.1380	-.3160
225.000	-.3180	

MACH (4) = 1.250 ALPHAT(4) = -1.980

X/LNM	.200	.400
PHI		
135.000	-.1850	
180.000	-.1660	-.3240
225.000	-.3270	

MACH (4) = 1.249 ALPHAT(5) = .040

X/LNM	.200	.400
PHI		
135.000	-.2220	
180.000	-.2070	-.3250
225.000	-.3240	

MACH (4) = 1.247 ALPHAT(6) = 2.030

X/LNM	.200	.400
PHI		
135.000	-.2470	
180.000	-.2330	-.3200
225.000	-.3200	

MACH (4) = 1.246 ALPHAT(7) = 4.040

X/LNM	.200	.400
PHI		
135.000	-.2790	
180.000	-.2560	-.3220
225.000	-.3210	

MACH (4) = 1.247 ALPHAT(8) = 6.010

X/LNM	.200	.400
PHI		
135.000	-.2910	
180.000	-.2630	-.3260
225.000	-.3250	

MACH (4) = 1.247 ALPHAT(9) = 8.010

X/LNM	.200	.400
PHI		
135.000	-.3020	
180.000	-.2510	-.3290
225.000	-.3250	

MACH (4) = 1.248 ALPHAT(10) = 9.960

X/LNM	.200	.400
PHI		
135.000	-.2950	
180.000	-.2910	-.3430
225.000	-.3400	

AME3 11-707 IA9 O2A + S3 + T9 CMS NOZZLE (RBME02) (27 APR 73)

REFERENCE DATA

SREF = 2.4210 SQ.FT. XMRP = 20.5300 INCHES
LREF = 39.8490 INCHES YMRP = .0000 INCHES
BREF = 39.8490 INCHES ZMRP = .0000 INCHES
SCALE = .0300 SCALE

PARAMETRIC DATA

BETAT = .000 ORBINC = .500
RUDDER = .000 ELEVON = .000
RUDFLR = .000

SECTION (1)CMS NOZZLE

DEPENDENT VARIABLE CP

MACH (1) = .398 ALPHAT(1) = -8.020

X/LNM	.200	.400
PHI		
135.000	-.2080	
180.000	-.1490	-.2880
225.000	-.3080	

MACH (1) = .398 ALPHAT(2) = -6.020

X/LNM	.200	.400
PHI		
135.000	-.2080	
180.000	-.1540	-.2930
225.000	-.3000	

MACH (1) = .398 ALPHAT(3) = -3.990

X/LNM	.200	.400
PHI		
135.000	-.2080	
180.000	-.1680	-.2890
225.000	-.2920	

MACH (1) = .398 ALPHAT(4) = -1.910

X/LNM	.200	.400
PHI		
135.000	-.2130	
180.000	-.1830	-.2880
225.000	-.2850	

MACH (1) = .399 ALPHAT(5) = .020

X/LNM	.200	.400
PHI		
135.000	-.2110	
180.000	-.1910	-.2870
225.000	-.2930	

MACH (1) = .399 ALPHAT(6) = 2.020

X/LNM	.200	.400
PHI		
135.000	-.2220	
180.000	-.1960	-.2790
225.000	-.2910	

MACH (1) = .397 ALPHAT(7) = 4.020

X/LNM	.200	.400
PHI		
135.000	-.2310	
180.000	-.2120	-.2810
225.000	-.2770	

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A (RBME02)

AMES 11-707 IA9 O2A + S3 + T9 OMS NOZZLE

SECTION (1)OMS NOZZLE DEPENDENT VARIABLE CP

MACH (1) = .599 ALPHAT(8) = 6.010

X/LNM	.200	.400
PHI		
135.000	-.2450	
180.000	-.2180	-.2630
225.000	-.2620	

MACH (1) = .997 ALPHAT(9) = 8.000

X/LNM	.200	.400
PHI		
135.000	-.2470	
180.000	-.2020	-.2760
225.000	-.2780	

MACH (2) = .903 ALPHAT(1) = -8.000

X/LNM	.200	.400
PHI		
135.000	-.2960	
180.000	-.2790	-.3150
225.000	-.3240	

MACH (2) = .901 ALPHAT(2) = -6.020

X/LNM	.200	.400
PHI		
135.000	-.2850	
180.000	-.2680	-.3080
225.000	-.3190	

MACH (2) = .900 ALPHAT(3) = -4.030

X/LNM	.200	.400
PHI		
135.000	-.2690	
180.000	-.2530	-.3030
225.000	-.3120	

MACH (2) = .896 ALPHAT(4) = -1.990

X/LNM	.200	.400
PHI		
135.000	-.2600	
180.000	-.2460	-.2980
225.000	-.3020	

MACH (2) = .899 ALPHAT(5) = .010

X/LNM	.200	.400
PHI		
135.000	-.2580	
180.000	-.2480	-.3030
225.000	-.3040	

MACH (2) = .898 ALPHAT(6) = 2.040

X/LNM	.200	.400
PHI		
135.000	-.2550	
180.000	-.2370	-.2980
225.000	-.2990	

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A (RBME02)

AMES 11-707 IA9 C2A + S3 + T9 CMS NOZZLE

SECTION (1)CMS NOZZLE DEPENDENT VARIABLE CP

MACH (2) = .905 ALPHAT(7) = 4.040

X/LNM	.200	.400
PHI		
135.000	-.2480	
180.000	-.2430	-.3050
225.000	-.3000	

MACH (2) = .897 ALPHAT(8) = 6.030

X/LNM	.200	.400
PHI		
135.000	-.2580	
180.000	-.2460	-.3030
225.000	-.3050	

MACH (2) = .900 ALPHAT(9) = 8.000

X/LNM	.200	.400
PHI		
135.000	-.2740	
180.000	-.2590	-.3160
225.000	-.3160	

MACH (3) = 1.102 ALPHAT(1) = -8.050

X/LNM	.200	.400
PHI		
135.000	-.2700	
180.000	-.1680	-.3750
225.000	-.3920	

MACH (3) = 1.103 ALPHAT(2) = -6.010

X/LNM	.200	.400
PHI		
135.000	-.2800	
180.000	-.1890	-.3690
225.000	-.3750	

MACH (3) = 1.102 ALPHAT(3) = -4.000

X/LNM	.200	.400
PHI		
135.000	-.2900	
180.000	-.2300	-.3570
225.000	-.3530	

MACH (3) = 1.102 ALPHAT(4) = -1.990

X/LNM	.200	.400
PHI		
135.000	-.3030	
180.000	-.2610	-.3570
225.000	-.3530	

MACH (3) = 1.102 ALPHAT(5) = -.030

X/LNM	.200	.400
PHI		
135.000	-.3200	
180.000	-.2980	-.3630
225.000	-.3590	

DATE 25 SEP 73 TABULATED PRESSURE DATA - IA9A (RBM=52)

AMES 11-707 IA9 O2A + S3 + T9 OMS NOZZLE

SECTION (1)OMS NOZZLE DEPENDENT VARIABLE CP

MACH (3) = 1.102 ALPHAT(6) = 1.980

X/LNM	.200	.400
PHI		
135.000	-.3350	
180.000	-.3180	-.3650
225.000	-.3670	

MACH (3) = 1.102 ALPHAT(7) = 3.980

X/LNM	.200	.400
PHI		
135.000	-.3460	
180.000	-.3230	-.3700
225.000	-.3680	

MACH (3) = 1.102 ALPHAT(8) = 5.970

X/LNM	.200	.400
PHI		
135.000	-.3480	
180.000	-.3270	-.3560
225.000	-.3700	

MACH (3) = 1.101 ALPHAT(9) = 7.940

X/LNM	.200	.400
PHI		
135.000	-.3300	
180.000	-.3350	-.3740
225.000	-.3760	

MACH (4) = 1.249 ALPHAT(1) = -8.060

X/LNM	.200	.400
PHI		
135.000	-.0640	
180.000	.0050	-.3220
225.000	-.3660	

MACH (4) = 1.248 ALPHAT(2) = -6.020

X/LNM	.200	.400
PHI		
135.000	-.0840	
180.000	-.0380	-.3120
225.000	-.3420	

MACH (4) = 1.248 ALPHAT(3) = -3.980

X/LNM	.200	.400
PHI		
135.000	-.1390	
180.000	-.1060	-.3180
225.000	-.3330	

MACH (4) = 1.245 ALPHAT(4) = -1.950

X/LNM	.200	.400
PHI		
135.000	-.1850	
180.000	-.1590	-.3230
225.000	-.3280	

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A (RBME02)

AMES 11-707 IA9 C2A + S3 + T9 OMS NOZZLE

SECTION (1)OMS NOZZLE DEPENDENT VARIABLE CP

MACH (4) = 1.248 ALPHAT(5) = .040

X/LNM	.200	.400
PHI		
135.000	-.2140	
180.000	-.1950	-.3220
225.000	-.3180	

MACH (4) = 1.244 ALPHAT(6) = 2.030

X/LNM	.200	.400
PHI		
135.000	-.2410	
180.000	-.2300	-.3220
225.000	-.3130	

MACH (4) = 1.245 ALPHAT(7) = 3.970

X/LNM	.200	.400
PHI		
135.000	-.2640	
180.000	-.2360	-.3190
225.000	-.3190	

MACH (4) = 1.245 ALPHAT(8) = 5.980

X/LNM	.200	.400
PHI		
135.000	-.2850	
180.000	-.2520	-.3190
225.000	-.3200	

MACH (4) = 1.247 ALPHAT(9) = 7.980

X/LNM	.200	.400
PHI		
135.000	-.2950	
180.000	-.2540	-.3250
225.000	-.3260	

MACH (5) = 1.401 ALPHAT(1) = -8.050

X/LNM	.200	.400
PHI		
135.000	.0460	
180.000	.2510	-.1840
225.000	-.3340	

MACH (5) = 1.398 ALPHAT(2) = -5.970

X/LNM	.200	.400
PHI		
135.000	.0190	
180.000	.1730	-.2170
225.000	-.3320	

MACH (5) = 1.398 ALPHAT(3) = -3.980

X/LNM	.200	.400
PHI		
135.000	.0120	
180.000	.1030	-.2410
225.000	-.3300	

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A (REHE02)

AMES 11-707 IA9 C2A + S3 + T9 CMS NOZZLE

SECTION (1)CMS NOZZLE DEPENDENT VARIABLE CP

MACH (5) = 1.336 ALPHAT(4) = -1.990

X/LNM	.200	.400
PHI		
135.000	-.0040	
180.000	.0550	-.2550
225.000	-.3310	

MACH (5) = 1.398 ALPHAT(5) = .040

X/LNM	.200	.400
PHI		
135.000	-.0380	
180.000	.0100	-.2650
225.000	-.3350	

MACH (5) = 1.395 ALPHAT(6) = 2.000

X/LNM	.200	.400
PHI		
135.000	-.0590	
180.000	-.0400	-.2780
225.000	-.3290	

MACH (5) = 1.394 ALPHAT(7) = 3.980

X/LNM	.200	.400
PHI		
135.000	-.0680	
180.000	-.0460	-.2740
225.000	-.3320	

MACH (5) = 1.386 ALPHAT(8) = 6.050

X/LNM	.200	.400
PHI		
135.000	-.0920	
180.000	-.0610	-.2690
225.000	-.3350	

MACH (5) = 1.391 ALPHAT(9) = 7.990

X/LNM	.200	.400
PHI		
135.000	-.1450	
180.000	-.1290	-.2930
225.000	-.3270	

AMES 11-707 IA9 CBA + S3 + T9 ONS NOZZLE (RBNE03) (28 APR 73)

REFERENCE DATA

SREF =	2.4210 SQ.FT.	XMRP =	28.5300 INCHES
LREF =	39.8490 INCHES	YMRP =	.0000 INCHES
BREF =	39.8490 INCHES	ZMRP =	.0000 INCHES
SCALE =	.0300 SCALE		

PARAMETRIC DATA

ALPHAT =	-8.000	ORBINC =	.500
RUDDER =	.000	ELEVON =	.000
RUDFLR =	.000		

SECTION (1)CMB NOZZLE

DEPENDENT VARIABLE CP

MACH (1) = .900 BETAT (1) = -8.050

X/LNM	.200	.400
PHI		
135.000	.2310	
180.000	.0780	-.2560
225.000	-.3640	

MACH (1) = .900 BETAT (2) = -6.050

X/LNM	.200	.400
PHI		
135.000	.0780	
180.000	.0170	-.2800
225.000	-.3380	

MACH (1) = .900 BETAT (3) = -4.000

X/LNM	.200	.400
PHI		
135.000	-.0430	
180.000	-.0490	-.2890
225.000	-.3190	

MACH (1) = .900 BETAT (4) = -2.000

X/LNM	.200	.400
PHI		
135.000	-.1540	
180.000	-.0980	-.2910
225.000	-.3080	

MACH (1) = .900 BETAT (5) = .020

X/LNM	.200	.400
PHI		
135.000	-.2030	
180.000	-.1360	-.2950
225.000	-.3060	

MACH (1) = .900 BETAT (6) = 2.060

X/LNM	.200	.400
PHI		
135.000	-.2600	
180.000	-.2010	-.2970
225.000	-.2950	

MACH (1) = .900 BETAT (7) = 4.100

X/LNM	.200	.400
PHI		
135.000	-.2930	
180.000	-.2140	-.2930
225.000	-.3030	

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A (RBME03)

AMES 11-707 IA9 O2A + S3 + T9 CNS NOZZLE

SECTION (1)CNS NOZZLE DEPENDENT VARIABLE CP

MACH (1) = .996 BETAT (8) = 6.140

X/LNM	.200	.400
PHI		
135.000	-.2990	
180.000	-.2190	-.3010
225.000	-.3010	

MACH (1) = .999 BETAT (9) = 8.180

X/LNM	.200	.400
PHI		
135.000	-.3150	
180.000	-.2330	-.3080
225.000	-.3060	

MACH (2) = .901 BETAT (1) = -8.140

X/LNM	.200	.400
PHI		
135.000	-.0950	
180.000	-.1810	-.3620
225.000	-.3660	

MACH (2) = .900 BETAT (2) = -6.100

X/LNM	.200	.400
PHI		
135.000	-.2160	
180.000	-.2180	-.3520
225.000	-.3470	

MACH (2) = .900 BETAT (3) = -4.080

X/LNM	.200	.400
PHI		
135.000	-.2680	
180.000	-.2460	-.3310
225.000	-.3270	

MACH (2) = .898 BETAT (4) = -2.020

X/LNM	.200	.400
PHI		
135.000	-.2730	
180.000	-.2520	-.3220
225.000	-.3310	

MACH (2) = .899 BETAT (5) = 2.060

X/LNM	.200	.400
PHI		
135.000	-.3030	
180.000	-.2840	-.3240
225.000	-.3310	

MACH (2) = .898 BETAT (6) = 4.140

X/LNM	.200	.400
PHI		
135.000	-.3190	
180.000	-.2940	-.3290
225.000	-.3400	

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A (RBNED3)

AMES 11-707 IA9 CEA + SS + T9 CMS NOZZLE

SECTION (1)CMS NOZZLE DEPENDENT VARIABLE CP

MACH (2) = .901 BETAT (7) = 6.210

X/LNM	.200	.400
PHI		
135.000	-.3470	
180.000	-.3420	-.3520
225.000	-.3650	

MACH (2) = .900 BETAT (8) = 8.270

X/LNM	.200	.400
PHI		
135.000	-.3630	
180.000	-.3580	-.3820
225.000	-.3770	

MACH (3) = 1.101 BETAT (1) = -8.170

X/LNM	.200	.400
PHI		
135.000	.0330	
180.000	.3980	-.1280
225.000	-.5070	

MACH (3) = 1.100 BETAT (2) = -6.120

X/LNM	.200	.400
PHI		
135.000	.3600	
180.000	.2250	-.2830
225.000	-.4530	

MACH (3) = 1.102 BETAT (3) = -4.080

X/LNM	.200	.400
PHI		
135.000	.0820	
180.000	.0880	-.3270
225.000	-.4360	

MACH (3) = 1.100 BETAT (4) = -2.030

X/LNM	.200	.400
PHI		
135.000	-.1180	
180.000	-.0710	-.3660
225.000	-.4070	

MACH (3) = 1.099 BETAT (5) = .020

X/LNM	.200	.400
PHI		
135.000	-.2740	
180.000	-.1680	-.3820
225.000	-.3950	

MACH (3) = 1.101 BETAT (6) = 2.090

X/LNM	.200	.400
PHI		
135.000	-.3370	
180.000	-.2260	-.3770
225.000	-.3780	

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A (RUN 33)

AMES 11-707 IA9 CEA + S3 + T9 CMS NOZZLE

SECTION (1)CMS NOZZLE DEPENDENT VARIABLE CP

MACH (3) = 1.100 BETAT (7) = 4.160

X/LNM	.200	.400
PHI		
135.000	-.3660	
180.000	-.3150	-.3880
225.000	-.3910	

MACH (3) = 1.103 BETAT (8) = 6.240

X/LNM	.200	.400
PHI		
135.000	-.3900	
180.000	-.3820	-.4010
225.000	-.4060	

MACH (3) = 1.101 BETAT (9) = 7.800

X/LNM	.200	.400
PHI		
135.000	-.4080	
180.000	-.3930	-.4080
225.000	-.4180	

MACH (4) = 1.248 BETAT (1) = -8.130

X/LNM	.200	.400
PHI		
135.000	.8600	
180.000	.4910	.3130
225.000	-.3470	

MACH (4) = 1.249 BETAT (2) = -6.080

X/LNM	.200	.400
PHI		
135.000	.8090	
180.000	.5100	.0690
225.000	-.3630	

MACH (4) = 1.245 BETAT (3) = -4.050

X/LNM	.200	.400
PHI		
135.000	.5560	
180.000	.3950	-.1250
225.000	-.3810	

MACH (4) = 1.246 BETAT (4) = -2.020

X/LNM	.200	.400
PHI		
135.000	.2930	
180.000	.2500	-.2220
225.000	-.3780	

MACH (4) = 1.247 BETAT (5) = 2.060

X/LNM	.200	.400
PHI		
135.000	-.2570	
180.000	-.1410	-.3260
225.000	-.3290	

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A

AMES 11-707 IA9 CEA + S3 + T9 CMS NOZZLE (RBME03)

SECTION (1)CMS NOZZLE DEPENDENT VARIABLE CP

MACH (4) = 1.247 BETAT (6) = 4.140

X/LNH	.200	.400
PHI		
135.000	-.2740	
180.000	-.2240	-.3240
225.000	-.3270	

MACH (4) = 1.248 BETAT (7) = 6.190

X/LNH	.200	.400
PHI		
135.000	-.2980	
180.000	-.2470	-.3250
225.000	-.3280	

MACH (4) = 1.251 BETAT (8) = 8.250

X/LNH	.200	.400
PHI		
135.000	-.3330	
180.000	-.2940	-.3350
225.000	-.3400	

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A

AMES 11-707 IA9 OEA + S3 + T9 OMS NOZZLE

'RBMED4) (20 APR 73)

REFERENCE DATA

SREF =	2.4210 SQ.FT.	XMRP =	20.5300 INCHES
LRZF =	39.8490 INCHES	YMRP =	.0000 INCHES
BREF =	39.8490 INCHES	ZMRP =	.0000 INCHES
SCALE =	.0300 SCALE		

PARAMETRIC DATA

ALPHAT =	-6.000	ORBINC =	.500
RUDDER =	.000	ELEVON =	.000
RUDFLR =	.000		

SECTION (1)OMS NOZZLE

DEPENDENT VARIABLE CP

MACH (1) = .598 BETAT (1) = -8.080

X/LNM	.200	.400
PHI		
135.000	.1130	
180.000	.0160	-.2750
225.000	-.3580	

MACH (1) = .597 BETAT (2) = -6.040

X/LNM	.200	.400
PHI		
135.000	.0190	
180.000	-.0890	-.2850
225.000	-.3290	

MACH (1) = .598 BETAT (3) = -4.080

X/LNM	.200	.400
PHI		
135.000	-.0810	
180.000	-.0870	-.2880
225.000	-.3190	

MACH (1) = .599 BETAT (4) = -2.000

X/LNM	.200	.400
PHI		
135.000	-.1340	
180.000	-.1120	-.2870
225.000	-.3030	

MACH (1) = .600 BETAT (5) = .020

X/LNM	.200	.400
PHI		
135.000	-.2040	
180.000	-.1610	-.2910
225.000	-.3060	

MACH (1) = .599 BETAT (6) = 2.080

X/LNM	.200	.400
PHI		
135.000	-.2580	
180.000	-.2150	-.2910
225.000	-.2980	

MACH (1) = .599 BETAT (7) = 4.090

X/LNM	.200	.400
PHI		
135.000	-.2860	
180.000	-.2300	-.2910
225.000	-.2930	

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A (RBME84)

AMES 11-707 IA9 OEA + S3 + T9 OMS NOZZLE

SECTION (1)OMS NOZZLE DEPENDENT VARIABLE CP

MACH (1) = .600 BETAT (8) = 6.120

X/LNM	.200	.400
PHI		
135.000	-.3030	
180.000	-.2280	-.3030
225.000	-.3040	

MACH (1) = .601 BETAT (9) = 8.160

X/LNM	.200	.400
PHI		
135.000	-.3100	
180.000	-.2470	-.3130
225.000	-.3110	

MACH (2) = .899 BETAT (1) = -8.160

X/LNM	.200	.400
PHI		
135.000	-.1220	
180.000	-.1670	-.3320
225.000	-.3780	

MACH (2) = .897 BETAT (2) = -6.100

X/LNM	.200	.400
PHI		
135.000	-.2020	
180.000	-.2200	-.3350
225.000	-.3360	

MACH (2) = .902 BETAT (3) = -4.070

X/LNM	.200	.400
PHI		
135.000	-.2710	
180.000	-.2450	-.3360
225.000	-.3340	

MACH (2) = .900 BETAT (4) = -2.030

X/LNM	.200	.400
PHI		
135.000	-.2700	
180.000	-.2510	-.3150
225.000	-.3190	

MACH (2) = .902 BETAT (5) = 2.060

X/LNM	.200	.400
PHI		
135.000	-.3030	
180.000	-.2680	-.3240
225.000	-.3310	

MACH (2) = .903 BETAT (6) = 4.140

X/LNM	.200	.400
PHI		
135.000	-.3230	
180.000	-.3080	-.3430
225.000	-.3520	

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A (RBMED4)

AMES 11-707 IA9 CRA + S3 + T9 CMS NOZZLE

SECTION (1)CMS NOZZLE DEPENDENT VARIABLE CP

MACH (2) = .900 BETAT (7) = 6.190

X/LNM	.200	.400
PHI		
135.000	-.3410	
180.000	-.3310	-.3420
225.000	-.3550	

MACH (2) = .898 BETAT (8) = 8.240

X/LNM	.200	.400
PHI		
135.000	-.3570	
180.000	-.3490	-.3650
225.000	-.3750	

MACH (3) = 1.100 BETAT (1) = -8.190

X/LNM	.200	.400
PHI		
135.000	.5270	
180.000	.2710	-.2230
225.000	-.4700	

MACH (3) = 1.099 BETAT (2) = -6.180

X/LNM	.200	.400
PHI		
135.000	.1970	
180.000	.1240	-.3060
225.000	-.4370	

MACH (3) = 1.101 BETAT (3) = -4.080

X/LNM	.200	.400
PHI		
135.000	-.0100	
180.000	.0050	-.3450
225.000	-.4300	

MACH (3) = 1.101 BETAT (4) = -2.090

X/LNM	.200	.400
PHI		
135.000	-.1810	
180.000	-.1260	-.3730
225.000	-.4070	

MACH (3) = 1.099 BETAT (5) = 2.090

X/LNM	.200	.400
PHI		
135.000	-.3310	
180.000	-.2750	-.3670
225.000	-.3660	

MACH (3) = 1.098 BETAT (6) = 4.150

X/LNM	.200	.400
PHI		
135.000	-.3580	
180.000	-.3310	-.3860
225.000	-.3890	

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A (RBNED4)

AMES 11-707 IA9 O2A + S3 + T9 CMS NOZZLE

SECTION (1)CMS NOZZLE DEPENDENT VARIABLE CP

MACH (3) = 1.100 BETAT (7) = 6.210

X/LNM	.200	.400
PHI		
135.000	-.3940	
180.000	-.3820	-.3970
225.000	-.4060	

MACH (3) = 1.080 BETAT (8) = 8.250

X/LNM	.200	.400
PHI		
135.000	-.4000	
180.000	-.3890	-.4040
225.000	-.4120	

MACH (4) = 1.040 BETAT (1) = -0.140

X/LNM	.200	.400
PHI		
135.000	.0130	
180.000	.4760	.1650
225.000	-.3710	

MACH (4) = 1.240 BETAT (2) = -0.100

X/LNM	.200	.400
PHI		
135.000	.7240	
180.000	.4520	-.0140
225.000	-.3840	

MACH (4) = 1.244 BETAT (3) = -4.080

X/LNM	.200	.400
PHI		
135.000	.4330	
180.000	.3220	-.1510
225.000	-.3680	

MACH (4) = 1.247 BETAT (4) = -2.020

X/LNM	.200	.400
PHI		
135.000	.1440	
180.000	.1740	-.2360
225.000	-.3660	

MACH (4) = 1.245 BETAT (5) = 2.070

X/LNM	.200	.400
PHI		
135.000	-.2450	
180.000	-.1680	-.3220
225.000	-.3110	

MACH (4) = 1.248 BETAT (6) = 4.120

X/LNM	.200	.400
PHI		
135.000	-.2840	
180.000	-.2440	-.3280
225.000	-.3290	

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A (RBMED4)

AMES 11-707 IA9 CBA + S3 + T9 CMS NOZZLE

SECTION (1)CMS NOZZLE DEPENDENT VARIABLE CP

MACH (4) = 1.245 BETAT (7) = 6.170

X/LNM	.200	.400
PHI		
135.000	-.3090	
180.000	-.2970	-.3280
225.000	-.3320	

MACH (4) = 1.245 BETAT (8) = 8.210

X/LNM	.200	.400
PHI		
135.000	-.3230	
180.000	-.2980	-.3280
225.000	-.3250	

AMES 11-707 IA9 O2A + S3 + T9 OMS NOZZLE (RBME05) (28 APR 73)

REFERENCE DATA

SREF =	2.4210 SQ.FT.	XMRP =	28.5300 INCHES		
LREF =	39.8490 INCHES	YMRP =	.0000 INCHES		
BREF =	39.8490 INCHES	ZMRP =	.0000 INCHES		
SCALE =	.0300 SCALE				

PARAMETRIC DATA

ALPHAT =	-4.000	ORBINC =	.500
RUDDER =	.000	ELEVON =	.000
RUDFLR =	.000		

SECTION (1)OMS NOZZLE

DEPENDENT VARIABLE CP

MACH (1) = .600 BETAT (1) = .020

X/LNM	.200	.400
PHI		
135.000	-.2100	
180.000	-.1710	-.2930
225.000	-.2900	

MACH (1) = .900 BETAT (2) = 4.080

X/LNM	.200	.400
PHI		
135.000	-.2820	
180.000	-.2350	-.2970
225.000	-.2970	

MACH (1) = .900 BETAT (3) = 6.120

X/LNM	.200	.400
PHI		
135.000	-.2960	
180.000	-.2310	-.3080
225.000	-.3140	

MACH (1) = .900 BETAT (4) = 8.150

X/LNM	.200	.400
PHI		
135.000	-.3020	
180.000	-.2410	-.3130
225.000	-.3120	

MACH (2) = .903 BETAT (1) = -8.170

X/LNM	.200	.400
PHI		
135.000	-.1500	
180.000	-.2040	-.3520
225.000	-.3700	

MACH (2) = .901 BETAT (2) = -6.110

X/LNM	.200	.400
PHI		
135.000	-.2080	
180.000	-.2230	-.3310
225.000	-.3340	

MACH (2) = .902 BETAT (3) = -4.070

X/LNM	.200	.400
PHI		
135.000	-.2520	
180.000	-.2420	-.3160
225.000	-.3150	

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A (RBME05)

AMES 11-707 IA9 O2A + S3 + T9 OMS NOZZLE

SECTION (1)OMS NOZZLE DEPENDENT VARIABLE CP

MACH (2) = .901 BETAT (4) = -2.030

X/LNM	.200	.400
PHI		
135.000	-.2550	
180.000	-.2410	-.3100
225.000	-.3070	

MACH (2) = .903 BETAT (5) = 2.070

X/LNM	.200	.400
PHI		
135.000	-.2970	
180.000	-.2820	-.3160
225.000	-.3250	

MACH (2) = .900 BETAT (6) = 4.120

X/LNM	.200	.400
PHI		
135.000	-.3000	
180.000	-.2790	-.3320
225.000	-.3330	

MACH (2) = .904 BETAT (7) = 6.170

X/LNM	.200	.400
PHI		
135.000	-.3300	
180.000	-.3250	-.3480
225.000	-.3500	

MACH (2) = .899 BETAT (8) = 8.230

X/LNM	.200	.400
PHI		
135.000	-.3490	
180.000	-.3310	-.3670
225.000	-.3550	

MACH (3) = 1.100 BETAT (1) = -8.200

X/LNM	.200	.400
PHI		
135.000	.3010	
180.000	.1570	-.2670
225.000	-.4430	

MACH (3) = 1.097 BETAT (2) = -6.130

X/LNM	.200	.400
PHI		
135.000	.0590	
180.000	.0230	-.3260
225.000	-.4220	

MACH (3) = 1.101 BETAT (3) = -4.080

X/LNM	.200	.400
PHI		
135.000	-.0910	
180.000	-.0830	-.3510
225.000	-.4110	

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A (RBMED5)

AMES 11-7D7 IA9 OEA + S3 + T9 OMS NOZZLE

SECTION (1)OMS NOZZLE DEPENDENT VARIABLE CP

MACH (3) = 1.099 BETAT (4) = -2.030

X/LNM	.200	.400
PHI		
135.000	-.2040	
180.000	-.1570	-.3700
225.000	-.3950	

MACH (3) = 1.101 BETAT (5) = 2.080

X/LNM	.200	.400
PHI		
135.000	-.3350	
180.000	-.3070	-.3790
225.000	-.3710	

MACH (3) = 1.102 BETAT (6) = 4.140

X/LNM	.200	.400
PHI		
135.000	-.3620	
180.000	-.3480	-.3840
225.000	-.3940	

MACH (3) = 1.100 BETAT (7) = 6.200

X/LNM	.200	.400
PHI		
135.000	-.3880	
180.000	-.3725	-.3950
225.000	-.4000	

MACH (3) = 1.100 BETAT (8) = 8.270

X/LNM	.200	.400
PHI		
133.000	-.3950	
180.000	-.3780	-.3930
225.000	-.4010	

MACH (4) = 1.245 BETAT (1) = -8.150

X/LNM	.200	.400
PHI		
135.000	.7380	
180.000	.4460	.0950
225.000	-.3750	

MACH (4) = 1.245 BETAT (2) = -6.110

X/LNM	.200	.400
PHI		
135.000	.6230	
180.000	.3930	-.0590
225.000	-.3830	

MACH (4) = 1.245 BETAT (3) = -4.080

X/LNM	.200	.400
PHI		
135.000	.3240	
180.000	.2400	-.1870
225.000	-.3540	

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A (RBME05)

AMES 11-707 IA9 O2A + S3 + T9 CMS NOZZLE

SECTION (1)CMS NOZZLE DEPENDENT VARIABLE CP

MACH (4) = 1.246 BETAT (4) = -2.020

X/LNM	.200	.400
PHI		
135.000	.0730	
180.000	.0690	-.2590
225.000	-.3610	

MACH (4) = 1.243 BETAT (5) = 2.060

X/LNM	.200	.400
PHI		
135.000	-.2490	
180.000	-.2150	-.3180
225.000	-.3020	

MACH (4) = 1.241 BETAT (6) = 4.120

X/LNM	.200	.400
PHI		
135.000	-.2700	
180.000	-.2470	-.3190
225.000	-.3140	

MACH (4) = 1.244 BETAT (7) = 6.180

X/LNM	.200	.400
PHI		
135.000	-.3060	
180.000	-.2670	-.3270
225.000	-.3290	

MACH (4) = 1.247 BETAT (8) = 8.210

X/LNM	.200	.400
PHI		
135.000	-.3250	
180.000	-.3000	-.3270
225.000	-.3290	

AMES 11-707 IA9 O2A + S3 + T9 OMS NOZZLE (RBME06) (28 APR 73)

REFERENCE DATA

SREF =	2.4210 SQ.FT.	XMRP =	28.5300 INCHES
LREF =	39.0490 INCHES	YMRP =	.0000 INCHES
BREF =	39.0490 INCHES	ZMRP =	.0000 INCHES
SCALE =	.0300 SCALE		

PARAMETRIC DATA

ALPHAT =	-2.000	ORBINC =	.500
RUDDER =	.000	ELEVON =	.000
RUDFLR =	.000		

SECTION (1)OMS NOZZLE DEPENDENT VARIABLE CP

MACH (1) = .999 BETAT (1) = -8.080

X/LNM	.200	.400
PHI		
135.000	-.0800	
180.000	-.0990	-.2880
225.000	-.3300	

MACH (1) = .999 BETAT (2) = -6.080

X/LNM	.200	.400
PHI		
135.000	-.0820	
180.000	-.0970	-.2880
225.000	-.3090	

MACH (1) = .999 BETAT (3) = -4.040

X/LNM	.200	.400
PHI		
135.000	-.1350	
180.000	-.1310	-.2820
225.000	-.3030	

MACH (1) = .000 BETAT (4) = -2.000

X/LNM	.200	.400
PHI		
135.000	-.1720	
180.000	-.1490	-.2830
225.000	-.3010	

MACH (1) = .000 BETAT (5) = .020

X/LNM	.200	.400
PHI		
135.000	-.2140	
180.000	-.1850	-.2930
225.000	-.2990	

MACH (1) = .001 BETAT (6) = 2.050

X/LNM	.200	.400
PHI		
135.000	-.2540	
180.000	-.2240	-.2910
225.000	-.2910	

MACH (1) = .001 BETAT (7) = 4.080

X/LNM	.200	.400
PHI		
135.000	-.2760	
180.000	-.2340	-.3040
225.000	-.2960	

DATE 20 SEP 75 TABULATED PRESSURE DATA - IA9A (RBMED6)

AEDC 11-707 IA9 CEA + S3 + T9 CMS NOZZLE

SECTION (1)CMS NOZZLE DEPENDENT VARIABLE CP

MACH (1) = .899 BETAT (8) = 6.110

X/LNH	.200	.400
PHI		
135.000	-.2870	
180.000	-.2360	-.3030
225.000	-.3060	

MACH (1) = .800 BETAT (9) = 8.140

X/LNH	.200	.400
PHI		
135.000	-.3070	
180.000	-.2380	-.3190
225.000	-.3180	

MACH (2) = .904 BETAT (1) = -8.180

X/LNH	.200	.400
PHI		
135.000	-.1680	
180.000	-.2040	-.3420
225.000	-.3650	

MACH (2) = .906 BETAT (2) = -6.130

X/LNH	.200	.400
PHI		
135.000	-.2130	
180.000	-.2170	-.3220
225.000	-.3180	

MACH (2) = .902 BETAT (3) = -4.070

X/LNH	.200	.400
PHI		
135.000	-.2340	
180.000	-.2290	-.3130
225.000	-.3140	

MACH (2) = .903 BETAT (4) = -2.090

X/LNH	.200	.400
PHI		
135.000	-.2640	
180.000	-.2550	-.3050
225.000	-.3020	

MACH (2) = .903 BETAT (5) = 2.080

X/LNH	.200	.400
PHI		
135.000	-.2830	
180.000	-.2650	-.3030
225.000	-.3060	

MACH (2) = .903 BETAT (6) = 4.130

X/LNH	.200	.400
PHI		
135.000	-.2950	
180.000	-.2620	-.3250
225.000	-.3300	

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A (RBNED6)

AMES 11-707 IA9 C2A + S3 + T9 OMS NOZZLE

SECTION (1)OMS NOZZLE DEPENDENT VARIABLE CP

MACH (2) = .907 BETAT (7) = 6.180

X/LNM	.200	.400
PHI		
135.000	-.3210	
180.000	-.3200	-.3490
225.000	-.3450	

MACH (2) = .304 BETAT (8) = 8.250

X/LNM	.200	.400
PHI		
135.000	-.3530	
180.000	-.3210	-.3680
225.000	-.3550	

MACH (3) = 1.080 BETAT (1) = -8.210

X/LNM	.200	.400
PHI		
135.000	.1770	
180.000	.0780	-.2900
225.000	-.4330	

MACH (3) = 1.100 BETAT (2) = -6.140

X/LNM	.200	.400
PHI		
135.000	-.0080	
180.000	-.0360	-.3360
225.000	-.4150	

MACH (3) = 1.100 BETAT (3) = -4.080

X/LNM	.200	.400
PHI		
135.000	-.1650	
180.000	-.1280	-.3530
225.000	-.4030	

MACH (3) = 1.099 BETAT (4) = -2.030

X/LNM	.200	.400
PHI		
135.000	-.2400	
180.000	-.2060	-.3660
225.000	-.3810	

MACH (3) = 1.101 BETAT (5) = 2.080

X/LNM	.200	.400
PHI		
135.000	-.3330	
180.000	-.3190	-.3650
225.000	-.3710	

MACH (3) = 1.100 BETAT (6) = 4.130

X/LNM	.200	.400
PHI		
135.000	-.3600	
180.000	-.3540	-.3700
225.000	-.3840	

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A (RBMED6)

AMES 11-707 IA9 OEA + S3 + T9 CMS NOZZLE

SECTION (1)CMS NOZZLE DEPENDENT VARIABLE CP

MACH (3) = 1.100 BETAT (7) = 6.190

X/LNM	.200	.400
PHI		
135.000	-.3780	
180.000	-.3710	-.3840
225.000	-.3980	

MACH (3) = 1.101 BETAT (8) = 8.280

X/LNM	.200	.400
PHI		
135.000	-.3880	
180.000	-.3750	-.3980
225.000	-.4010	

MACH (4) = 1.249 BETAT (1) = -8.160

X/LNM	.200	.400
PHI		
135.000	.0270	
180.000	.4150	.0190
225.000	-.3770	

MACH (4) = 1.248 BETAT (2) = -6.110

X/LNM	.200	.400
PHI		
135.000	.0290	
180.000	.3360	-.0800
225.000	-.3820	

MACH (4) = 1.248 BETAT (3) = -4.070

X/LNM	.200	.400
PHI		
135.000	.2210	
180.000	.1700	-.1980
225.000	-.3630	

MACH (4) = 1.248 BETAT (4) = -2.030

X/LNM	.200	.400
PHI		
135.000	.0170	
180.000	.0190	-.2750
225.000	-.3530	

MACH (4) = 1.248 BETAT (5) = 2.070

X/LNM	.200	.400
PHI		
135.000	-.2600	
180.000	-.2420	-.3130
225.000	-.3120	

MACH (4) = 1.247 BETAT (6) = 4.110

X/LNM	.200	.400
PHI		
135.000	-.2790	
180.000	-.2990	-.3160
225.000	-.3150	

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A (RDMED6)

AMES 11-707 IA9 CEA + S3 + T9 CMS NOZZLE

SECTION (1)CMS NOZZLE DEPENDENT VARIABLE CP

MACH (4) = 1.248 BETAT (7) = 6.180

X/LNM	.200	.400
PHI		
135.000	-.3070	
180.000	-.2780	-.3250
225.000	-.3270	

MACH (4) = 1.248 BETAT (8) = 9.200

X/LNM	.200	.400
PHI		
135.000	-.3280	
180.000	-.3010	-.3330
225.000	-.3380	

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A

AMES 11-707 IA9 OEA + S3 + T9 CMS NOZZLE (RBMED7) (20 APR 73)

REFERENCE DATA

SREF =	2.4210 SQ.FT.	XMRP =	28.5300 INCHES
LREF =	30.8490 INCHES	YMRP =	.0000 INCHES
BREF =	30.8490 INCHES	ZMRP =	.0000 INCHES
SCALE =	.0300 SCALE		

PARAMETRIC DATA

ALPHAT =	.000	ORBINC =	.500
RUDDER =	.000	ELEVON =	.000
RUDFLR =	.000		

SECTION (1)CMS NOZZLE — DEPENDENT VARIABLE CP

MACH (1) = .997 BETAT (1) = -8.100

X/LNM	.200	.400
PHI		
135.000	-.0760	
180.000	-.1200	-.2860
225.000	-.3540	

MACH (1) = .998 BETAT (2) = -6.080

X/LNM	.200	.400
PHI		
135.000	-.1120	
180.000	-.1400	-.2890
225.000	-.3120	

MACH (1) = .998 BETAT (3) = -4.050

X/LNM	.200	.400
PHI		
135.000	-.1020	
180.000	-.1530	-.2880
225.000	-.3080	

MACH (1) = .998 BETAT (4) = -2.020

X/LNM	.200	.400
PHI		
135.000	-.1090	
180.000	-.1630	-.2820
225.000	-.2960	

MACH (1) = .997 BETAT (5) = .020

X/LNM	.200	.400
PHI		
135.000	-.2190	
180.000	-.1690	-.2840
225.000	-.2890	

MACH (1) = .997 BETAT (6) = 2.050

X/LNM	.200	.400
PHI		
135.000	-.2410	
180.000	-.2090	-.2850
225.000	-.2860	

MACH (1) = .999 BETAT (7) = 4.080

X/LNM	.210	.400
PHI		
135.000	-.2680	
180.000	-.2400	-.2990
225.000	-.3050	

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A (RBMED7)

AMES 11-707 IA9 OEA + S3 + T9 OMS NOZZLE

SECTION (1)OMS NOZZLE DEPENDENT VARIABLE CP

MACH (1) = .597 BETAT (8) = 6.110

X/LNM	.200	.400
PHI		
135.000	-.2930	
180.000	-.2580	-.3110
225.000	-.3110	

MACH (1) = .597 BETAT (9) = 8.140

X/LNM	.200	.400
PHI		
135.000	-.3010	
180.000	-.2070	-.3210
225.000	-.3130	

MACH (2) = .900 BETAT (1) = -8.180

X/LNM	.200	.400
PHI		
135.000	-.1750	
180.000	-.2040	-.3380
225.000	-.3670	

MACH (2) = .899 BETAT (2) = -6.140

X/LNM	.200	.400
PHI		
135.000	-.2180	
180.000	-.2200	-.3290
225.000	-.3410	

MACH (2) = .899 BETAT (3) = -4.080

X/LNM	.200	.400
PHI		
135.000	-.2450	
180.000	-.2380	-.3190
225.000	-.3140	

MACH (2) = .901 BETAT (4) = -2.030

X/LNM	.200	.400
PHI		
135.000	-.2490	
180.000	-.2480	-.3010
225.000	-.3030	

MACH (2) = .901 BETAT (5) = .020

X/LNM	.200	.400
PHI		
135.000	-.2620	
180.000	-.2470	-.2960
225.000	-.3060	

MACH (2) = .901 BETAT (6) = 2.070

X/LNM	.200	.400
PHI		
135.000	-.2690	
180.000	-.2610	-.3050
225.000	-.3040	

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A (RBNE07)

AMES 11-707 IA9 CBA + S3 + T9 CMS NOZZLE

SECTION (1)CMS NOZZLE DEPENDENT VARIABLE CP

MACH (2) = .906 BETAT (7) = 4.120

X/LNM	.200	.400
PHI		
135.000	-.2910	
180.000	-.2600	-.3210
225.000	-.3210	

MACH (2) = .901 BETAT (8) = 6.180

X/LNM	.200	.400
PHI		
135.000	-.2900	
180.000	-.2500	-.3410
225.000	-.3310	

MACH (2) = .901 BETAT (9) = 8.220

X/LNM	.200	.400
PHI		
135.000	-.3570	
180.000	-.3170	-.3570
223.000	-.3530	

MACH (3) = 1.100 BETAT (1) = -8.210

X/LNM	.200	.400
PHI		
135.000	.1480	
180.000	.0420	-.5050
225.000	-.4320	

MACH (3) = 1.099 BETAT (2) = -6.140

X/LNM	.200	.400
PHI		
135.000	-.0470	
180.000	-.0820	-.3440
225.000	-.4130	

MACH (3) = 1.099 BETAT (3) = -4.080

X/LNM	.200	.400
PHI		
135.000	-.1660	
180.000	-.1610	-.3600
225.000	-.4070	

MACH (3) = 1.101 BETAT (4) = -2.030

X/LNM	.200	.400
PHI		
135.000	-.2550	
180.000	-.2310	-.3650
225.000	-.3710	

MACH (3) = 1.099 BETAT (5) = 2.070

X/LNM	.200	.400
PHI		
135.000	-.3360	
180.000	-.3310	-.3800
225.000	-.3700	

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A (RBMED7)

AMES 11-707 IA9 O2A + S5 + T9 OMS NOZZLE

SECTION (1)OMS NOZZLE DEPENDENT VARIABLE CP

MACH (3) = 1.100 BETAT (6) = 4.140

X/LNM	.200	.400
PHI		
135.000	-.3600	
180.000	-.3630	-.3780
225.000	-.3930	

MACH (3) = 1.101 BETAT (7) = 6.200

X/LNM	.200	.400
PHI		
135.000	-.3760	
180.000	-.3750	-.3880
225.000	-.3990	

MACH (3) = 1.101 BETAT (8) = 8.250

X/LNM	.200	.400
PHI		
135.000	-.3940	
180.000	-.3820	-.4060
225.000	-.4090	

MACH (4) = 1.248 BETAT (1) = -8.160

X/LNM	.200	.400
PHI		
135.000	.5550	
180.000	.3830	-.0190
225.000	-.3790	

MACH (4) = 1.248 BETAT (2) = -6.110

X/LNM	.200	.400
PHI		
135.000	.4210	
180.000	.2760	-.1270
225.000	-.3760	

MACH (4) = 1.248 BETAT (3) = -4.080

X/LNM	.200	.400
PHI		
135.000	.1190	
180.000	.0930	-.2250
225.000	-.3560	

MACH (4) = 1.247 BETAT (4) = -2.030

X/LNM	.200	.400
PHI		
135.000	-.0500	
180.000	-.0400	-.2830
225.000	-.3360	

MACH (4) = 1.247 BETAT (5) = 2.060

X/LNM	.200	.400
PHI		
135.000	-.2580	
180.000	-.2440	-.3060
225.000	-.3000	

AMES 11-707 IA9 C2A + S3 + T9 CMS NOZZLE (RBMED7)

SECTION (1)CMS NOZZLE DEPENDENT VARIABLE CP

MACH (4) = 1.245 BETAT (6) = 4.100

X/LNM	.200	.400
PHI		
135.000	-.2760	
180.000	-.2900	-.3150
225.000	-.3150	

MACH (4) = 1.246 BETAT (7) = 6.150

X/LNM	.200	.400
PHI		
135.000	-.3090	
180.000	-.2980	-.3220
225.000	-.3270	

MACH (4) = 1.247 BETAT (8) = 8.190

X/LNM	.200	.400
PHI		
135.000	-.3290	
180.000	-.3080	-.3350
225.000	-.3373	

MACH (5) = 1.395 BETAT (1) = -8.180

X/LNM	.200	.400
PHI		
135.000	.3290	
180.000	.4430	.4220
225.000	-.2270	

MACH (5) = 1.395 BETAT (2) = -6.120

X/LNM	.200	.400
PHI		
135.000	.5110	
180.000	.4400	.1510
225.000	-.2870	

MACH (5) = 1.397 BETAT (3) = -4.080

X/LNM	.200	.400
PHI		
135.000	.4490	
180.000	.3280	-.0470
225.000	-.3280	

MACH (5) = 1.398 BETAT (4) = .020

X/LNM	.200	.400
PHI		
135.000	-.0220	
180.000	.0290	-.2580
225.000	-.3340	

MACH (5) = 1.394 BETAT (5) = 4.110

X/LNM	.200	.400
PHI		
135.000	-.2600	
180.000	-.1840	-.3030
225.000	-.3440	

AMES 1'-7D7 IA9 OBA + S3 + T9 OMS NOZZLE (RBMED7)

SECTION (1)OMS NOZZLE DEPENDENT VARIABLE CP

MACH (5) = 1.392 BETAT (6) = 0.210

X/LNM	.200	.400
PHI		
135.000	-.2920	
180.000	-.2320	-.3000
225.000	-.3020	

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A (RBME08) (28 APR 73)

AMES 11-7G7 IA9 C2A + S3 + T9 CMS NOZZLE

REFERENCE DATA

SREF =	2.4210 SQ.FT.	XMRP =	28.5390 INCHES
LREF =	39.8490 INCHES	YMRP =	.0000 INCHES
BREF =	39.8490 INCHES	ZMRP =	.0000 INCHES
SCALE =	.0390 SCALE		

PARAMETRIC DATA

ALPHAT =	2.000	CRBINC =	.500
RUDDER =	.000	ELEVON =	.000
RUDFLR =	.000		

SECTION (1)CMS NOZZLE DEPENDENT VARIABLE CP

MACH (1) = .599 BETAT (1) = -8.090

X/LNM	.200	.400
PHI		
135.000	-.1170	
180.000	-.1680	-.2920
225.000	-.3280	

MACH (1) = .598 BETAT (2) = -6.060

X/LNM	.200	.400
PHI		
135.000	-.1500	
180.000	-.1650	-.2860
225.000	-.3050	

MACH (1) = .598 BETAT (3) = -4.040

X/LNM	.200	.400
PHI		
135.000	-.1790	
180.000	-.1670	-.2810
225.000	-.2960	

MACH (1) = .597 BETAT (4) = -2.010

X/LNM	.200	.400
PHI		
135.000	-.1960	
180.000	-.1840	-.2830
225.000	-.2930	

MACH (1) = .598 BETAT (5) = .020

X/LNM	.200	.400
PHI		
135.000	-.2170	
180.000	-.1980	-.2820
225.000	-.2880	

MACH (1) = .599 BETAT (6) = 2.050

X/LNM	.200	.400
PHI		
135.000	-.2450	
180.000	-.2240	-.2830
225.000	-.2820	

MACH (1) = .596 BETAT (7) = 4.080

X/LNM	.200	.400
PHI		
135.000	-.2640	
180.000	-.2420	-.2970
225.000	-.2990	

SECTION (1)OMS NOZZLE

DEPENDENT VARIABLE CP

MACH (1) = .598 BETAT (8) = 6.110

X/LNM	.200	.400
PHI		
135.000	-.2940	
180.000	-.2380	-.3100
225.000	-.3200	

MACH (1) = .599 BETAT (9) = 8.140

X/LNM	.200	.400
PHI		
135.000	-.3170	
180.000	-.2150	-.3250
225.000	-.3240	

MACH (2) = .902 BETAT (1) = -8.180

X/LNM	.200	.400
PHI		
135.000	-.1930	
180.000	-.2100	-.3390
225.000	-.3640	

MACH (2) = .901 BETAT (2) = -6.130

X/LNM	.200	.400
PHI		
135.000	-.2320	
180.000	-.2330	-.3330
225.000	-.3430	

MACH (2) = .899 BETAT (3) = -4.090

X/LNM	.200	.400
PHI		
135.000	-.2420	
180.000	-.2380	-.3130
225.000	-.3230	

MACH (2) = .900 BETAT (4) = -2.030

X/LNM	.200	.400
PHI		
135.000	-.2540	
180.000	-.2380	-.3010
225.000	-.2990	

MACH (2) = .902 BETAT (5) = 2.070

X/LNM	.200	.400
PHI		
135.000	-.2600	
180.000	-.2510	-.3010
225.000	-.3050	

MACH (2) = .903 BETAT (6) = 4.120

X/LNM	.200	.400
PHI		
135.000	-.2850	
180.000	-.2610	-.3210
225.000	-.3240	

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A (RBMED8)

AMES 11-7D7 IA9 C2A + S3 + T9 CMS NOZZLE

SECTION (1)CMS NOZZLE DEPENDENT VARIABLE CP

MACH (2) = .904 BETAT (7) = 6.180

X/LNM	.200	.400
PHI		
135.000	-.2920	
180.000	-.2730	-.3410
225.000	-.3340	

MACH (2) = .901 BETAT (8) = 8.230

X/LNM	.200	.400
PHI		
135.000	-.2960	
180.000	-.3210	-.3560
225.000	-.3450	

MACH (3) = 1.099 BETAT (1) = -8.200

X/LNM	.200	.400
PHI		
135.000	.0920	
180.000	-.0080	-.3180
225.000	-.4290	

MACH (3) = 1.100 BETAT (2) = -6.150

X/LNM	.200	.400
PHI		
135.000	-.1200	
180.000	-.1250	-.3520
225.000	-.4090	

MACH (3) = 1.100 BETAT (3) = -4.090

X/LNM	.200	.400
PHI		
135.000	-.2980	
180.000	-.2180	-.3700
225.000	-.3880	

MACH (3) = 1.099 BETAT (4) = -2.030

X/LNM	.200	.400
PHI		
135.000	-.3000	
180.000	-.2730	-.3660
225.000	-.3660	

MACH (3) = 1.100 BETAT (5) = 2.080

X/LNM	.200	.400
PHI		
135.000	-.3450	
180.000	-.3430	-.3670
225.000	-.3750	

MACH (3) = 1.097 BETAT (6) = 4.130

X/LNM	.200	.400
PHI		
135.000	-.3630	
180.000	-.3620	-.3720
225.000	-.3860	

DATE 20 SEP 73 TABULATED PRESSURE DATA @ INJN

AMES 11-707 IA9 OEA + S3 + T9 OMS NOZZLE (RBME08)

SECTION (1)OMS NOZZLE DEPENDENT VARIABLE CP

MACH (3) = 1.100 BETAT (7) = 6.180

X/LNM	.200	.400
PHI		
135.000	-.3770	
180.000	-.3750	-.3860
225.000	-.4000	

MACH (3) = 1.101 BETAT (8) = 8.250

X/LNM	.200	.400
PHI		
135.000	-.3920	
180.000	-.3810	-.4030
225.000	-.4080	

MACH (4) = 1.248 BETAT (1) = -8.160

X/LNM	.200	.400
PHI		
135.000	.4330	
180.000	.3470	-.0700
225.000	-.3760	

MACH (4) = 1.230 BETAT (2) = -6.110

X/LNM	.200	.400
PHI		
135.000	.2740	
180.000	.2000	-.1740
225.000	-.3670	

MACH (4) = 1.249 BETAT (3) = -4.070

X/LNM	.200	.400
PHI		
135.000	.0090	
180.000	-.0030	-.2630
225.000	-.3430	

MACH (4) = 1.248 BETAT (4) = -2.030

X/LNM	.200	.400
PHI		
135.000	-.1220	
180.000	-.1200	-.3030
225.000	-.3340	

MACH (4) = 1.248 BETAT (5) = 2.060

X/LNM	.200	.400
PHI		
135.000	-.2780	
180.000	-.2780	-.3090
225.000	-.3080	

MACH (4) = 1.248 BETAT (6) = 4.110

X/LNM	.200	.400
PHI		
135.000	-.2850	
180.000	-.3000	-.3160
225.000	-.3210	

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A (RBMED8)

AMES 11-707 IA9 OEA + S3 + T9 CMS NOZZLE

SECTION (1)CMS NOZZLE DEPENDENT VARIABLE CP

MACH (4) = 1.247 BETAT (7) = 6.190

X/LNM	.200	.400
PHI		
135.000	-.3140	
180.000	-.3060	-.3280
225.000	-.3340	

MACH (4) = 1.245 BETAT (8) = 8.200

X/LNM	.200	.400
PHI		
135.000	-.3340	
180.000	-.3160	-.3480
225.000	-.3510	

AMES 11-707 IA9 C2A + S3 + T9 OMS NOZZLE (RBME09) (28 APR 73)

REFERENCE DATA

SREF =	2.4210 SQ.FT.	XMRP =	28.5300 INCHES
LREF =	39.8490 INCHES	YMRP =	.0000 INCHES
BREF =	39.8490 INCHES	ZMRP =	.0000 INCHES
SCALE =	.0300 SCALE		

PARAMETRIC DATA

ALPHAT =	4.000	ORBINC =	.500
RUDDER =	.000	ELEVON =	.000
RUDFLR =	.000		

SECTION (1)OMS NOZZLE

DEPENDENT VARIABLE CP

MACH (1) = .598 BETAT (1) = -8.090

X/LNM	.200	.400
PHI		
135.000	-.1670	
180.000	-.1880	-.2970
225.000	-.3210	

MACH (1) = .597 BETAT (2) = -6.060

X/LNM	.200	.400
PHI		
135.000	-.1670	
180.000	-.1830	-.2930
225.000	-.3140	

MACH (1) = .598 BETAT (3) = -4.030

X/LNM	.200	.400
PHI		
135.000	-.2170	
180.000	-.1990	-.2940
225.000	-.2990	

MACH (1) = .598 BETAT (4) = -2.010

X/LNM	.200	.400
PHI		
135.000	-.2310	
180.000	-.2120	-.2780
225.000	-.2860	

MACH (1) = .596 BETAT (5) = .020

X/LNM	.200	.400
PHI		
135.000	-.2290	
180.000	-.2010	-.2810
225.000	-.2810	

MACH (1) = .598 BETAT (6) = 2.050

X/LNM	.200	.400
PHI		
135.000	-.2350	
180.000	-.2290	-.2830
225.000	-.2820	

MACH (1) = .597 BETAT (7) = 4.080

X/LNM	.200	.400
PHI		
135.000	-.2610	
180.000	-.2390	-.2910
225.000	-.2980	

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A (RBMED9)

AMES 11-707 IA9 C2A + S3 + T9 CMS NOZZLE

SECTION (1)CMS NOZZLE DEPENDENT VARIABLE CP

MACH (1) = .997 BETAT (8) = 6.120

X/LNM	.200	.400
PHI		
135.000	-.2830	
180.000	-.2470	-.3020
225.000	-.3190	

MACH (1) = .998 BETAT (9) = 8.150

X/LNM	.200	.400
PHI		
135.000	-.2990	
180.000	-.2295	-.3270
225.000	-.3170	

MACH (2) = .899 BETAT (1) = -8.170

X/LNM	.200	.400
PHI		
135.000	-.1940	
180.000	-.2220	-.3260
225.000	-.3630	

MACH (2) = .907 BETAT (2) = -6.120

X/LNM	.200	.400
PHI		
135.000	-.2490	
180.000	-.2430	-.3370
225.000	-.3490	

MACH (2) = .901 BETAT (3) = -4.080

X/LNM	.200	.400
PHI		
135.000	-.2570	
180.000	-.2500	-.3150
225.000	-.3250	

MACH (2) = .899 BETAT (4) = -2.090

X/LNM	.200	.400
PHI		
135.000	-.2670	
180.000	-.2580	-.3030
225.000	-.3050	

MACH (2) = .903 BETAT (5) = 2.070

X/LNM	.200	.400
PHI		
135.000	-.2570	
180.000	-.2540	-.3120
225.000	-.3120	

MACH (2) = .901 BETAT (6) = 4.130

X/LNM	.200	.400
PHI		
135.000	-.2820	
180.000	-.2690	-.3210
225.000	-.3240	

AMES 11-707 1A9 02A + S3 + T9 OMS NOZZLE

SECTION (1)OMS NOZZLE

DEPENDENT VARIABLE CP

MACH (2) = .900 BETAT (7) = 6.180

X/LNM	.200	.400
PHI		
135.000	-.2990	
180.000	-.2660	-.3400
225.000	-.3340	

MACH (2) = .900 BETAT (8) = 8.240

X/LNM	.200	.400
PHI		
135.000	-.2540	
180.000	-.3070	-.3560
225.000	-.3450	

MACH (3) = 1.103 BETAT (1) = -8.190

X/LNM	.200	.400
PHI		
135.000	.4160	
180.000	.0430	-.2810
225.000	-.4020	

MACH (3) = 1.100 BETAT (2) = -6.140

X/LNM	.200	.400
PHI		
135.000	-.1480	
180.000	-.1700	-.3580
225.000	-.3950	

MACH (3) = 1.103 BETAT (3) = -4.080

X/LNM	.200	.400
PHI		
135.000	-.2850	
180.000	-.2540	-.3680
225.000	-.3810	

MACH (3) = 1.103 BETAT (4) = -2.030

X/LNM	.200	.400
PHI		
135.000	-.3210	
180.000	-.2880	-.3680
225.000	-.3660	

MACH (3) = 1.103 BETAT (5) = 2.080

X/LNM	.200	.400
PHI		
135.000	-.3560	
180.000	-.3540	-.3670
225.000	-.3780	

MACH (3) = 1.103 BETAT (6) = 4.140

X/LNM	.200	.400
PHI		
135.000	-.3650	
180.000	-.3680	-.3730
225.000	-.3900	

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A (RBME09)

AMES 11-707 IA9 C2A + S3 + T9 CMS NOZZLE

SECTION (1)CMS NOZZLE DEPENDENT VARIABLE CP

MACH (3) = 1.101 BETAT (7) = 6.210

X/LNM	.200	.400
PHI		
135.000	-.3760	
180.000	-.3740	-.3770
225.000	-.3900	

MACH (3) = 1.104 BETAT (8) = 8.260

X/LNM	.200	.400
PHI		
135.000	-.3910	
180.000	-.3840	-.4070
225.000	-.4090	

MACH (4) = 1.248 BETAT (1) = -8.150

X/LNM	.200	.400
PHI		
135.000	.2670	
180.000	.2740	-.1400
225.000	-.3730	

MACH (4) = 1.248 BETAT (2) = -6.110

X/LNM	.200	.400
PHI		
135.000	.1400	
180.000	.1200	-.2320
225.000	-.3610	

MACH (4) = 1.249 BETAT (3) = -4.080

X/LNM	.200	.400
PHI		
135.000	-.0440	
180.000	-.0460	-.2760
225.000	-.3370	

MACH (4) = 1.248 BETAT (4) = -2.020

X/LNM	.200	.400
PHI		
135.000	-.1760	
180.000	-.1710	-.3030
225.000	-.3280	

MACH (4) = 1.249 BETAT (5) = 2.070

X/LNM	.200	.400
PHI		
135.000	-.2900	
180.000	-.2880	-.3150
225.000	-.3150	

MACH (4) = 1.249 BETAT (6) = 4.110

X/LNM	.200	.400
PHI		
135.000	-.2960	
180.000	-.2910	-.3170
225.000	-.3190	

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A (RBME09)

AMES 11-707 IA9 C2A + S3 + T9 OMS NOZZLE

SECTION (1)OMS NOZZLE DEPENDENT VARIABLE CP

MACH (4) = 1.249 BETAT (7) = 6.170

X/LNM	.200	.400
PHI		
135.000	-.3200	
180.000	-.3020	-.3290
225.000	-.3330	

MACH (4) = 1.248 BETAT (8) = 8.210

X/LNM	.200	.400
PHI		
135.000	-.3380	
180.000	-.3350	-.3480
225.000	-.3560	

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A (RBME10) (28 APR 73)

AMES 11-707 IA9 OBA + S3 + T9 OH3 NOZZLE

REFERENCE DATA

SREF =	2.4210 SQ.FT.	XMRP =	28.5300 INCHES
LREF =	39.8490 INCHES	YMRP =	.0000 INCHES
BREF =	39.8490 INCHES	ZMRP =	.0000 INCHES
SCALE =	.0300 SCALE		

PARAMETRIC DATA

ALPHAT =	6.000	ORBINC =	.500
RUDDER =	.000	ELEVON =	.000
RUDFLR =	.000		

SECTION (1)OH3 NOZZLE

DEPENDENT VARIABLE CP

MACH (1) = .597 BETAT (1) = -8.070

X/LNM	.200	.400
PHI		
135.000	-.2070	
180.000	-.2370	-.3060
225.000	-.3310	

MACH (1) = .598 BETAT (2) = -6.050

X/LNM	.200	.400
PHI		
135.000	-.2090	
180.000	-.2200	-.2950
225.000	-.3110	

MACH (1) = .597 BETAT (3) = -4.030

X/LNM	.200	.400
PHI		
135.000	-.2250	
180.000	-.2100	-.2910
225.000	-.2950	

MACH (1) = .597 BETAT (4) = -2.000

X/LNM	.200	.400
PHI		
135.000	-.2310	
180.000	-.2150	-.2830
225.000	-.2860	

MACH (1) = .598 BETAT (5) = .020

X/LNM	.200	.400
PHI		
135.000	-.2440	
180.000	-.2170	-.2790
225.000	-.2780	

MACH (1) = .598 BETAT (5) = 2.060

X/LNM	.200	.400
PHI		
135.000	-.2330	
180.000	-.2300	-.2920
225.000	-.2870	

MACH (1) = .597 BETAT (7) = 4.090

X/LNM	.200	.400
PHI		
135.000	-.2630	
180.000	-.2410	-.2890
225.000	-.2970	

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A (RBME10)

AMES 11-707 IA9 C2A + S3 + T9 CMS NOZZLE

SECTION (1)CMS NOZZLE DEPENDENT VARIABLE CP

MACH (1) = .598 BETAT (8) = 6.130

X/LNM	.200	.400
PHI		
135.000	-.2760	
180.000	-.2490	-.3040
225.000	-.3150	

MACH (1) = .596 BETAT (9) = 8.170

X/LNM	.200	.400
PHI		
135.000	-.2870	
180.000	-.2200	-.3290
225.000	-.3330	

MACH (2) = .901 BETAT (1) = -8.160

X/LNM	.200	.400
PHI		
135.000	-.2260	
180.000	-.2430	-.3320
225.000	-.3640	

MACH (2) = .900 BETAT (2) = -6.110

X/LNM	.200	.400
PHI		
135.000	-.2450	
180.000	-.2580	-.3290
225.000	-.3450	

MACH (2) = .903 BETAT (3) = -4.070

X/LNM	.200	.400
PHI		
135.000	-.2760	
180.000	-.2700	-.3250
225.000	-.3370	

MACH (2) = .902 BETAT (4) = -2.030

X/LNM	.200	.400
PHI		
135.000	-.2860	
180.000	-.2690	-.3100
225.000	-.3150	

MACH (2) = .902 BETAT (5) = 2.080

X/LNM	.200	.400
PHI		
135.000	-.2650	
180.000	-.2660	-.3120
225.000	-.3140	

MACH (2) = .901 BETAT (6) = 4.130

X/LNM	.200	.400
PHI		
135.000	-.2950	
180.000	-.2780	-.3240
225.000	-.3190	

AMES 11-707 IA9 C2A + S3 + T9 CMS NOZZLE (RBME10)

SECTION (1)CMS NOZZLE DEPENDENT VARIABLE CP

MACH (2) = .951 BETAT (7) = 6.250

X/LNM	.200	.400
PHI		
135.000	-.3070	
180.000	-.2990	-.3430
225.000	-.3430	

MACH (2) = .900 BETAT (8) = 8.260

X/LNM	.200	.400
PHI		
135.000	-.2810	
180.000	-.3210	-.3590
225.000	-.3480	

MACH (3) = 1.103 BETAT (1) = -8.180

X/LNM	.200	.400
PHI		
135.000	.5140	
180.000	.1590	-.1750
225.000	-.4940	

MACH (3) = 1.103 BETAT (2) = -6.130

X/LNM	.200	.400
PHI		
135.000	.3000	
180.000	-.0080	-.3450
225.000	-.4420	

MACH (3) = 1.102 BETAT (3) = -4.080

X/LNM	.200	.400
PHI		
135.000	-.1810	
180.000	-.2760	-.3850
225.000	-.3720	

MACH (3) = 1.102 BETAT (4) = -2.020

X/LNM	.200	.400
PHI		
135.000	-.3320	
180.000	-.3020	-.3620
225.000	-.3640	

MACH (3) = 1.102 BETAT (5) = 2.080

X/LNM	.200	.400
PHI		
135.000	-.3620	
180.000	-.3590	-.3700
225.000	-.3770	

MACH (3) = 1.102 BETAT (6) = 4.140

X/LNM	.200	.400
PHI		
135.000	-.3770	
180.000	-.3760	-.3820
225.000	-.3900	

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A (RBME10)

AMES 11-707 IA9 O2A + S3 + T9 OMS NOZZLE

DEPENDENT VARIABLE CP

SECTION (1)OMS NOZZLE

MACH (3) = 1.100 BETAT (7) = 6.210

X/LNM	.200	.400
PHI		
135.000	-.3810	
180.000	-.3815	-.3860
225.000	-.3890	

MACH (3) = 1.106 BETAT (6) = 8.280

X/LNM	.200	.400
PHI		
135.000	-.3935	
180.000	-.4010	-.4120
225.000	-.4160	

MACH (4) = 1.248 BETAT (1) = -8.140

X/LNM	.200	.400
PHI		
135.000	.1100	
180.000	.1890	-.2150
225.000	-.3690	

MACH (4) = 1.248 BETAT (2) = -6.080

X/LNM	.200	.400
PHI		
135.000	.0190	
180.000	.0650	-.2560
225.000	-.3610	

MACH (4) = 1.250 BETAT (3) = -4.050

X/LNM	.200	.400
PHI		
135.000	-.1170	
180.000	-.0910	-.2960
225.000	-.3480	

MACH (4) = 1.249 BETAT (4) = -2.020

X/LNM	.200	.400
PHI		
135.000	-.2220	
180.000	-.2030	-.3140
225.000	-.3210	

MACH (4) = 1.245 BETAT (5) = 2.070

X/LNM	.200	.400
PHI		
135.000	-.2960	
180.000	-.2960	-.3160
225.000	-.3180	

MACH (4) = 1.247 BETAT (6) = 4.120

X/LNM	.200	.400
PHI		
135.000	-.3040	
180.000	-.2990	-.3230
225.000	-.3240	

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A (RBME10)

AMES 11-707 IA9 C2A + S3 + T9 CMS NOZZLE

SECTION (1)CMS NOZZLE DEPENDENT VARIABLE CP

MACH (4) = 1.245 BETAT (7) = 6.160

X/LNM	.200	.400
PHI		
135.000	-.3240	
180.000	-.3180	-.3320
225.000	-.3360	

MACH (4) = 1.247 BETAT (8) = 8.220

X/LNM	.200	.400
PHI		
135.000	-.3460	
180.000	-.3460	-.3510
225.000	-.3580	

DATE 20 SEP 73 TABULATED PRESSURE DATA

AMES 11-707 IA9 C2A + S3 + T9 CNS NOZZLE (RBME11) (28 APR 73)

REFERENCE DATA

SREF =	2.4210 SQ.FT.	XMRP =	28.5300 INCHES
LNTF =	39.8490 INCHES	YMRP =	.0000 INCHES
BREF =	39.8490 INCHES	ZMRP =	.0000 INCHES
SCALE =	.0300 SCALE		

PARAMETRIC DATA

ALPHAT =	8.000	ORBINC =	.500
RUDDER =	.000	ELEVON =	.000
RUDFLR =	.000		

SECTION (1)CNS NOZZLE

DEPENDENT VARIABLE CP

MACH (1) = .599 BETAT (1) = -8.040

X/LNM	.200	.400
PHI		
135.000	-.2380	
180.000	-.2480	-.3090
225.000	-.3260	

MACH (1) = .597 BETAT (2) = -6.030

X/LNM	.200	.400
PHI		
135.000	-.2330	
180.000	-.2300	-.2970
225.000	-.3050	

MACH (1) = .597 BETAT (3) = -4.010

X/LNM	.200	.400
PHI		
135.000	[illegible]60	
180.000	-.[illegible]30	-.2940
225.000	-.[illegible]50	

MACH (1) = .599 BETAT (4) = -2.000

X/LNM	.200	.400
PHI		
135.000	-.2400	
180.000	-.2300	-.2830
225.000	-.2880	

MACH (1) = .600 BETAT (5) = .020

X/LNM	.200	.400
PHI		
135.000	-.2540	
180.000	-.2070	-.2880
225.000	-.2800	

MACH (1) = .598 BETAT (6) = 2.060

X/LNM	.200	.400
PHI		
135.000	-.2490	
180.000	-.2290	-.2940
225.000	-.2910	

MACH (1) = .597 BETAT (7) = 3.080

X/LNM	.200	.400
PHI		
135.000	-.2370	
180.000	-.2340	-.2890
225.000	-.2850	

DATE 25 SEP 73 TABULATED PRESSURE DATA - IA9A (RBME11)

AMES 11-707 IA9 C2A + S3 + T9 CMS NOZZLE

SECTION (1)CMS NOZZLE DEPENDENT VARIABLE CP

MACH (1) = .600 BETAT (8) = 4.100

X/LNM	.200	.400
PHI		
135.000	-.2650	
180.000	-.2550	-.2930
225.000	-.3010	

MACH (1) = .601 BETAT (9) = 6.150

X/LNM	.200	.400
PHI		
135.000	-.2840	
180.000	-.2640	-.3000
225.000	-.3070	

MACH (1) = .600 BETAT (10) = 8.190

X/LNM	.200	.400
PHI		
135.000	-.2920	
180.000	-.2620	-.3360
225.000	-.3400	

MACH (2) = .900 BETAT (1) = -8.140

X/LNM	.200	.400
PHI		
135.000	-.2610	
180.000	-.2480	-.3330
225.000	-.3600	

MACH (2) = .903 BETAT (2) = -6.090

X/LNM	.200	.400
PHI		
135.000	-.2780	
180.000	-.2690	-.3370
225.000	-.3470	

MACH (2) = .903 BETAT (3) = -4.060

X/LNM	.200	.400
PHI		
135.000	-.2920	
180.000	-.2900	-.3250
225.000	-.3370	

MACH (2) = .901 BETAT (4) = -2.020

X/LNM	.200	.400
PHI		
135.000	-.2920	
180.000	-.2810	-.3190
225.000	-.3220	

MACH (2) = .901 BETAT (5) = 2.080

X/LNM	.200	.400
PHI		
135.000	-.2760	
180.000	-.2700	-.3190
225.000	-.3170	

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A (RBME11)

AMES 11-707 IA9 02A + S3 + T9 OMS NOZZLE

DEPENDENT VARIABLE CP

SECTION (1)OMS NOZZLE

MACH (2) = .900 BETAT (6) = 4.150

X/LNM	.200	.400
PHI		
135.000	-.3020	
180.000	-.2880	-.3320
225.000	-.3260	

MACH (2) = .902 BETAT (7) = 6.200

X/LNM	.200	.400
PHI		
135.000	-.3210	
180.000	-.3160	-.3390
225.000	-.3460	

MACH (2) = .900 BETAT (8) = 8.280

X/LNM	.200	.400
PHI		
135.000	-.3250	
180.000	-.3390	-.3450
225.000	-.3570	

MACH (3) = 1.103 BETAT (1) = -8.150

X/LNM	[illegible]	.400
PHI		
135.000	[illegible]	
180.000	[illegible]	-.2040
225.000	[illegible]	

MACH (3) = 1.098 BETAT (2) = -6.110

X/LNM	.200	.400
PHI		
135.000	.0840	
180.000	-.0790	-.3130
225.000	-.4430	

MACH (3) = 1.102 BETAT (3) = -4.070

X/LNM	.200	.400
PHI		
135.000	.0090	
180.000	-.1200	-.3450
225.000	-.4150	

MACH (3) = 1.101 BETAT (4) = -2.030

X/LNM	.200	.400
PHI		
135.000	-.0750	
180.000	-.2440	-.3720
225.000	-.3670	

MACH (3) = 1.101 BETAT (5) = 2.090

X/LNM	.200	.400
PHI		
135.000	-.3780	
180.000	-.3740	-.3850
225.000	-.3930	

DATE 25 SEP 73 TABULATED PRESSURE DATA - IA94 (RBME11)

AMES 11-707 IA9 C2A + S3 + T9 OMS NOZZLE

SECTION (1)OMS NOZZLE DEPENDENT VARIABLE CP

MACH (3) = 1.103 BETAT (6) = 4.150

X/LNM	.200	.400
PHI		
135.000	-.3880	
180.000	-.3900	-.3920
225.000	-.4020	

MACH (3) = 1.100 BETAT (7) = 6.230

X/LNM	.200	.400
PHI		
135.000	-.4010	
180.000	-.3970	-.4030
225.000	-.4050	

MACH (3) = 1.100 BETAT (8) = 8.300

X/LNM	.200	.400
PHI		
135.000	-.4140	
180.000	-.4190	-.4160
225.000	-.4220	

MACH (4) = 1.245 BETAT (1) = -8.110

X/LNM	.200	.400
PHI		
135.000	-.0440	
180.000	.0530	-.2800
225.000	-.3690	

MACH (4) = 1.249 BETAT (2) = -6.070

X/LNM	.200	.400
PHI		
135.000	-.1080	
180.000	-.0370	-.2910
225.000	-.3310	

MACH (4) = 1.249 BETAT (3) = -4.040

X/LNM	.200	.400
PHI		
135.000	-.1930	
180.000	-.1370	-.3080
225.000	-.3470	

MACH (4) = 1.248 BETAT (4) = -2.020

X/LNM	.200	.400
PHI		
135.000	-.2530	
180.000	-.2270	-.3120
225.000	-.3170	

MACH (4) = 1.248 BETAT (5) = 2.080

X/LNM	.200	.400
PHI		
135.000	-.3000	
180.000	-.2950	-.3160
225.000	-.3150	

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A

AMES 11-7D7 IA9 O2A + S3 + T9 OMS NOZZLE (RBME11)

SECTION (1)OMS NOZZLE DEPENDENT VARIABLE CP

MACH (4) = 1.247 BETAT (6) = 4.130

X/LNM	.200	.400
PHI		
135.000	-.3090	
180.000	-.3060	-.3250
225.000	-.3260	

MACH (4) = 1.248 BETAT (7) = 6.180

X/LNM	.200	.400
PHI		
135.000	-.3240	
180.000	-.3240	-.3300
225.000	-.3360	

MACH (4) = 1.247 BETAT (8) = 8.250

X/LNM	.200	.400
PHI		
135.000	-.3400	
180.000	-.3380	-.3410
225.000	-.3480	

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A (RBME12) (28 APR 73)

AMES 11-7ft IA9 O2A + S3 + T9 OMS NOZZLE

REFERENCE DATA

SREF =	2.4210 SQ.FT.	XMRP =	28.5300 INCHES		
LREF =	39.8490 INCHES	YMRP =	.0000 INCHES		
BREF =	39.8490 INCHES	ZMRP =	.0000 INCHES		
SCALE =	.0300 SCALE				

PARAMETRIC DATA

ALPHAT =	-8.000	ORBINC =	.500
RUDDER =	-5.000	ELEVON =	.000
RUDFLR =	.000		

SECTION (1)OMS NOZZLE — DEPENDENT VARIABLE CP

MACH (1) = 1.101 BETAT (1) = -8.170

X/LNM	.200	.400
PHI		
135.000	.8230	
180.000	.3980	-.1390
225.000	-.5070	

MACH (1) = 1.100 BETAT (2) = -4.070

X/LNM	.200	.400
PHI		
135.000	.0560	
180.000	.0860	-.3310
225.000	-.4350	

MACH (1) = 1.097 BETAT (3) = .020

X/LNM	.200	.400
PHI		
135.000	-.2820	
180.000	-.1770	-.3770
225.000	-.3850	

MACH (1) = 1.099 BETAT (4) = 4.160

X/LNM	.200	.400
PHI		
135.000	-.3720	
180.000	-.3180	-.3930
225.000	-.3910	

MACH (1) = 1.105 BETAT (5) = 8.300

X/LNM	.200	.400
PHI		
135.000	-.4100	
180.000	-.4000	-.4100
225.000	-.4170	

MACH (2) = 1.250 BETAT (1) = -8.120

X/LNM	.200	.400
PHI		
135.000	.8540	
180.000	.4920	.3100
225.000	-.3550	

MACH (2) = 1.251 BETAT (2) = -4.050

X/LNM	.200	.400
PHI		
135.000	.5780	
180.000	.4070	-.1070
225.000	-.3840	

AMES 11-707 IA9 OEA + S3 + T9 OMS NOZZLE (RBME12)

SECTION (1)OMS NOZZLE DEPENDENT VARIABLE CP

MACH (2) = 1.246 BETAT (3) = .020

X/LNM	.200	.400
PHI		
135.000	-.0630	
180.000	.0080	-.3120
225.000	-.3640	

MACH (2) = 1.245 BETAT (4) = 4.130

X/LNM	.200	.400
PHI		
135.000	-.2800	
180.000	-.2280	-.3300
225.000	-.3290	

MACH (2) = 1.247 BETAT (5) = 8.250

X/LNM	.200	.400
PHI		
135.000	-.3400	
180.000	-.3060	-.3440
225.000	-.3480	

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A

AMES 11-707 IA9 C2A + S3 + T9 OMS NOZZLE (RBME13) (28 APR 73)

REFERENCE DATA

SREF =	2.4210 SQ.FT.	XMRP =	28.5300 INCHES
LREF =	39.8490 INCHES	YMRP =	.000 INCHES
BREF =	39.8490 INCHES	ZMRP =	.9000 INCHES
SCALE =	.0300 SCALE		

PARAMETRIC DATA

ALPHAT =	-6.000	ORBINC =	.500
RUDDER =	-5.000	ELEVON =	.000
RUDFLR =	.000		

SECTION (1)OMS NOZZLE DEPENDENT VARIABLE CP

MACH (1) = 1.102 BETAT (1) = -8.180

X/LNM	.200	.400
PHI		
135.000	.6500	
180.000	.3190	-.2120
225.000	-.4860	

MACH (1) = 1.098 BETAT (2) = -4.080

X/LNM	.200	.400
PHI		
135.000	-.0080	
180.000	.0060	-.3440
225.000	-.4300	

MACH (1) = 1.101 BETAT (3) = .020

X/LNM	.200	.400
PHI		
135.000	-.2840	
180.000	-.1990	-.3710
225.000	-.3710	

MACH (1) = 1.097 BETAT (4) = 4.140

X/LNM	.200	.400
PHI		
135.000	-.3750	
180.000	-.3380	-.3940
225.000	-.3960	

MACH (1) = 1.102 BETAT (5) = 8.290

X/LNM	.200	.400
PHI		
135.000	-.4070	
180.000	-.3950	-.4080
225.000	-.4090	

MACH (2) = 1.245 BETAT (1) = -8.130

X/LNM	.200	.400
PHI		
135.000	.7980	
180.000	.4730	.1650
225.000	-.3830	

MACH (2) = 1.251 BETAT (2) = -4.060

X/LNM	.200	.400
PHI		
135.000	.4630	
180.000	.3230	-.1440
225.000	-.3770	

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A (RBME13)

AMES 11-707 IA9 02A + S3 + T9 OMS NOZZLE

SECTION (1)OMS NOZZLE DEPENDENT VARIABLE CP

MACH (2) = 1.248 BETAT (3) = .020

X/LNM	.200	.400
PHI		
135.000	-.0850	
180.000	-.0440	-.3160
225.000	-.3530	

MACH (2) = 1.245 BETAT (4) = 4.120

X/LNM	.200	.400
PHI		
135.000	-.2910	
180.000	-.2900	-.3360
225.000	-.3350	

MACH (2) = 1.247 BETAT (5) = 8.230

X/LNM	.200	.400
PHI		
135.000	-.3360	
180.000	-.3060	-.3340
225.000	-.3400	

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A (RBME14) (28 APR 73)

AMES 11-707 IA9 O2A + S3 + T9 OMS NOZZLE

REFERENCE DATA

SREF =	2.4210	SQ.FT.	XMRP =	28.5300	INCHES
LREF =	39.8490	INCHES	YMRP =	.0000	INCHES
BREF =	39.8490	INCHES	ZMRP =	.0000	INCHES
SCALE =	.0300	SCALE			

PARAMETRIC DATA

ALPHAT =	-4.000	ORBINC =	.500
RUDDER =	-5.000	ELEVON =	.000
RUDFLR =	.000		

SECTION (1)OMS NOZZLE — DEPENDENT VARIABLE CP

MACH (1) = 1.093 BETAT (1) = -8.190

X/LNM	.200	.400
PHI		
135.000	.2520	
180.000	.1250	-.2790
225.000	-.4350	

MACH (1) = 1.101 BETAT (2) = -4.080

X/LNM	.200	.400
PHI		
135.000	-.0760	
180.000	-.0710	-.3530
225.000	-.4200	

MACH (1) = 1.099 BETAT (3) = .020

X/LNM	.200	.400
PHI		
135.000	-.2980	
180.000	-.2290	-.3670
225.000	-.3650	

MACH (1) = 1.103 BETAT (4) = 4.130

X/LNM	.200	.400
PHI		
135.000	-.3620	
180.000	-.3510	-.3820
225.000	-.3840	

MACH (1) = 1.099 BETAT (5) = 8.260

X/LNM	.200	.400
PHI		
135.000	-.3900	
180.000	-.3730	-.3910
225.000	-.3950	

MACH (2) = 1.246 BETAT (1) = -8.140

X/LNM	.200	.400
PHI		
135.000	.7190	
180.000	.4370	.0710
225.000	-.3870	

MACH (2) = 1.244 BETAT (2) = -4.060

X/LNM	.200	.400
PHI		
135.000	.3080	
180.000	.2310	-.1990
225.000	-.3860	

AMES 11-707 IA9 O2A + S3 + T9 OMS NOZZLE (RBME14)

SECTION (1)OMS NOZZLE DEPENDENT VARIABLE CP

MACH (2) = 1.247 BETAT (3) = .025

X/LNM	.200	.400
PHI		
135.000	-.1560	
180.000	-.1170	-.3190
225.000	-.3250	

MACH (2) = 1.245 BETAT (4) = 4.110

X/LNM	.200	.400
PHI		
135.000	-.2930	
180.000	-.2900	-.3260
225.000	-.3270	

MACH (2) = 1.250 BETAT (5) = 8.210

X/LNM	.200	.400
PHI		
135.000	-.3310	
180.000	-.3020	-.3340
225.000	-.3350	

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A (RBME15) (28 APR 73)

AMES 11-707 IA9 C2A + S3 + T9 OMS NOZZLE

REFERENCE DATA

SREF =	2.4210 SQ.FT.	XMRP =	28.5300 INCHES
LREF =	39.8490 INCHES	YMRP =	.0000 INCHES
BREF =	39.8490 INCHES	ZMRP =	.0000 INCHES
SCALE =	.0390 SCALE		

PARAMETRIC DATA

ALPHAT =	-2.000	ORBINC =	.500
RUDDER =	-5.000	ELEVON =	.000
RUDFLR =	.000		

SECTION (1)OMS NOZZLE

DEPENDENT VARIABLE CP

MACH (1) = 1.101 BETAT (1) = -8.200

X/LNM	.200	.400
PHI		
135.000	.1870	
180.000	.1000	-.2860
225.000	-.4420	

MACH (1) = 1.101 BETAT (2) = -4.080

X/LNM	.200	.400
PHI		
135.000	-.1430	
180.000	-.1230	-.3590
225.000	-.4080	

MACH (1) = 1.103 BETAT (3) = .030

X/LNM	.200	.400
PHI		
135.000	-.3090	
180.000	-.2670	-.3640
225.000	-.3560	

MACH (1) = 1.097 BETAT (4) = 4.140

X/LNM	.200	.400
PHI		
135.000	-.3630	
180.000	-.3540	-.3680
225.000	-.3770	

MACH (1) = 1.100 BETAT (5) = 8.250

X/LNM	.200	.400
PHI		
135.000	-.3840	
180.000	-.3750	-.3960
225.000	-.3930	

MACH (2) = 1.248 BETAT (1) = -9.150

X/LNM	.200	.400
PHI		
135.000	.6320	
180.000	.4030	.0000
225.000	-.3880	

MACH (2) = 1.249 BETAT (2) = -4.070

X/LNM	.200	.400
PHI		
135.000	.2110	
180.000	.1700	-.1990
225.000	-.3750	

AMES 11-707 IA9 02A + S3 + T9 OMS NOZZLE (RBME15)

SECTION (1)OMS NOZZLE DEPENDENT VARIABLE CP

MACH (2) = 1.247 BETAT (3) = .020

X/LNM	.200	.400
PHI		
135.000	-.1790	
180.000	-.1510	-.3230
225.000	-.3330	

MACH (2) = 1.247 BETAT (4) = 4.110

X/LNM	.200	.400
PHI		
135.000	-.2980	
180.000	-.3080	-.3250
225.000	-.3280	

MACH (2) = 1.248 BETAT (5) = 8.200

X/LNM	.200	.400
PHI		
135.000	-.3350	
180.000	-.3130	-.3410
225.000	-.3420	

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A

AMES 11-707 IA9 CRA + S3 + T9 CMS NOZZLE (RBME16) (28 APR 73)

REFERENCE DATA

SREF =	2.4210 SQ.FT.	XMRP =	28.5300 INCHES
LREF =	39.8490 INCHES	YMRP =	.0000 INCHES
BREF =	39.8490 INCHES	ZMRP =	.0000 INCHES
SCALE =	.0300 SCALE		

PARAMETRIC DATA

ALPHAT =	.000	ORBINC =	.500
RUDDEF =	-5.000	ELEVON =	.000
RUDFLR =	.000		

SECTION (1)CMS NOZZLE

DEPENDENT VARIABLE CP

MACH (1) = 1.101 BETAT (1) = -8.210

X/LNM	.200	.400
PHI		
135.000	.1290	
180.000	.0990	-.2060
225.000	-.4350	

MACH (1) = 1.098 BETAT (2) = -4.090

X/LNM	.200	.400
PHI		
135.000	-.1690	
180.000	-.1540	-.3600
225.000	-.4060	

MACH (1) = 1.100 BETAT (3) = .020

X/LNM	.200	.400
PHI		
135.000	-.3170	
180.000	-.2920	-.3690
225.000	-.3590	

MACH (1) = 1.100 BETAT (4) = 4.130

X/LNM	.200	.400
PHI		
135.000	-.3600	
180.000	-.3570	-.3750
225.000	-.3860	

MACH (1) = 1.099 BETAT (5) = 8.250

X/LNM	.200	.400
PHI		
135.000	-.3890	
180.000	-.3790	-.3990
225.000	-.3980	

MACH (2) = 1.247 BETAT (1) = -8.150

X/LNM	.200	.400
PHI		
135.000	.5440	
180.000	.3760	-.0250
225.000	-.3890	

MACH (2) = 1.249 BETAT (2) = -4.070

X/LNM	.200	.400
PHI		
135.000	.1390	
180.000	.0940	-.2340
225.000	-.3730	

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A (RBME16)

AMES 11-7D7 IA9 O2A + S3 + T9 OMS NOZZLE

SECTION (1)OMS NOZZLE DEPENDENT VARIABLE CP

MACH (2) = 1.247 BETAT (3) = .000

X/LNM	.200	.400
PHI		
135.000	-.2020	
180.000	-.1860	-.3240
225.000	-.3240	

MACH (2) = 1.244 BETAT (4) = 4.110

X/LNM	.200	.400
PHI		
135.000	-.2080	
180.000	-.2910	-.3230
225.000	-.3280	

MACH (2) = 1.244 BETAT (5) = 8.200

X/LNM	.200	.400
PHI		
135.000	-.3420	
180.000	-.3190	-.3500
225.000	-.3470	

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A

AMES 11-7[illegible] IA9 OEA + S3 + T9 OMS NOZZLE (RBME17) (28 APR 7[illegible])

PARAMETRIC DATA -

ALPHAT = 2.000 ORBINC = .500
RUDDER = -5.000 ELEVON = .000
RUDFLR = .000

REFERENCE DATA

SREF = 2.4210 SQ.FT. XMRP = 28.5300 INCHES
LREF = 39.8490 INCHES YMRP = .0000 INCHES
BREF = 39.8490 INCHES ZMRP = .0000 INCHES
SCALE = .0300 SCALE

SECTION (1)OMS NOZZLE DEPENDENT VARIABLE CP

MACH (1) = 1.102 BETAT (1) = -8.200

X/LNM	.200	.400
PHI		
135.000	.0270	
180.000	-.0200	-.3190
225.000	-.4270	

MACH (1) = 1.098 BETAT (2) = -4.080

X/LNM	.200	.400
PHI		
135.000	-.2090	
180.000	-.2190	-.3650
225.000	-.3910	

MACH (1) = 1.102 BETAT (3) = .020

X/LNM	.200	.400
PHI		
135.000	-.3350	
180.000	-.3170	-.3710
225.000	-.3690	

MACH (1) = 1.100 BETAT (4) = 4.130

X/LNM	.200	.400
PHI		
135.000	-.3670	
180.000	-.3590	-.3710
225.000	-.3940	

MACH (1) = 1.099 BETAT (5) = 8.250

X/LNM	.200	.400
PHI		
135.000	-.3860	
180.000	-.3810	-.4020
225.000	-.4060	

MACH (2) = 1.244 BETAT (1) = -8.150

X/LNM	.200	.400
PHI		
135.000	.4090	
180.000	.3180	-.0990
225.000	-.3850	

MACH (2) = 1.251 BETAT (2) = -4.060

X/LNM	.200	.400
PHI		
135.000	.0030	
180.000	-.0150	-.2750
225.000	-.3550	

AMES 11-707 IA9 CBA + S3 + T9 CMS NOZZLE

DEPENDENT VARIABLE CP

SECTION (1)CMS NOZZLE

MACH (2) = 1.248 BETAT (3) = .020

X/LNM	.200	.400
PHI		
135.000	-.2900	
180.000	-.2210	-.3290
225.000	-.3260	

MACH (2) = 1.244 BETAT (4) = 4.100

X/LNM	.200	.400
PHI		
135.000	-.2940	
180.000	-.2940	-.3220
225.000	-.3280	

MACH (2) = 1.245 BETAT (5) = 8.200

X/LNM	.200	.400
PHI		
135.000	-.3440	
180.000	-.3220	-.3540
225.000	-.3570	

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A (RBME18) (28 APR 73)

AMES 11-707 IA9 OEA + S3 + T9 OMS NOZZLE

REFERENCE DATA

SREF =	2.4210 SQ.FT.	XMRP =	28.5300 INCHES
LREF =	39.8490 INCHES	YMRP =	.0000 INCHES
BREF =	39.8490 INCHES	ZMRP =	.0000 INCHES
SCALE =	.0300 SCALE		

PARAMETRIC DATA

ALPHAT =	4.000	ORBINC =	.500
RUDDER =	-5.000	ELEVON =	.000
RUDFLR =	.000		

SECTION (1)OMS NOZZLE

DEPENDENT VARIABLE CP

MACH (1) = 1.101 BETAT (1) = -8.200

X/LNM	.200	.400
PHI		
135.000	.3970	
180.000	-.0140	-.3290
225.000	-.4390	

MACH (1) = 1.089 BETAT (2) = -4.080

X/LNM	.200	.400
PHI		
135.000	-.2850	
180.000	-.2550	-.3690
225.000	-.3780	

MACH (1) = 1.098 BETAT (3) = .080

X/LNM	.200	.400
PHI		
135.000	-.3440	
180.000	-.3210	-.3630
225.000	-.3700	

MACH (1) = 1.100 BETAT (4) = 4.130

X/LNM	.200	.400
PHI		
135.000	-.3650	
180.000	-.3650	-.3730
225.000	-.3950	

MACH (1) = 1.099 BETAT (5) = 8.260

X/LNM	.200	.400
PHI		
135.000	-.3860	
180.000	-.3890	-.3990
225.000	-.4070	

MACH (2) = 1.244 BETAT (1) = -8.140

X/LNM	.200	.400
PHI		
135.000	.2370	
180.000	.2540	-.1640
225.000	-.3820	

MACH (2) = 1.244 BETAT (2) = -4.060

X/LNM	.200	.400
PHI		
135.000	-.0550	
180.000	-.0650	-.2970
225.000	-.3550	

AMES 11-707 I49 CCA + S3 + T9 OMS NOZZLE (RBME18)

SECTION (1)OMS NOZZLE DEPENDENT VARIABLE CP

MACH (2) = 1.247 BETAT (3) = .020

X/LNM	.200	.400
PHI		
135.000	-.2620	
180.000	-.2390	-.3270
225.000	-.3220	

MACH (2) = 1.249 BETAT (4) = 4.120

X/LNM	.200	.400
PHI		
135.000	-.3050	
180.000	-.3000	-.3270
225.000	-.3260	

MACH (2) = 1.245 BETAT (5) = 8.210

X/LNM	.200	.400
PHI		
135.000	-.3480	
180.000	-.3450	-.3580
225.000	.3630	

DATE 20 SEP 75 TABULATED PRESSURE DATA - IA9A

AMES 11-707 IA9 O2A + S3 + T9 CMS NOZZLE (RBME19) (28 APR 73)

REFERENCE DATA

SREF =	2.4210 SQ.FT.	XMRP =	28.1300 INCHES
LREF =	39.8490 INCHES	YMRP =	.0000 INCHES
BREF =	39.8490 INCHES	ZMRP =	.0000 INCHES
SCALE =	.0300 SCALE		

PARAMETRIC DATA

ALPHAT =	6.000	ORBINC =	.500
RUDDER =	-5.000	ELEVON =	.000
RUDFLR =	.000		

SECTION (1)CMS NOZZLE DEPENDENT VARIABLE CP

MACH (1) = 1.101 BETAT (1) = -8.180

X/LNM	.200	.400
PHI		
135.000	.4730	
180.000	.1420	-.2050
225.000	-.4990	

MACH (1) = 1.098 BETAT (2) = -4.080

X/LNM	.200	.400
PHI		
135.000	-.2210	
180.000	-.2780	-.3870
225.000	-.3780	

MACH (1) = 1.101 BETAT (3) = .020

X/LNM	.200	.400
PHI		
135.000	-.3550	
180.000	-.3350	-.3660
225.000	-.3710	

MACH (1) = 1.103 BETAT (4) = 4.150

X/LNM	.200	.400
PHI		
135.000	-.3820	
180.000	-.3820	-.3850
225.000	-.3970	

MACH (1) = 1.100 BETAT (5) = 8.280

X/LNM	.200	.400
PHI		
135.000	-.3910	
180.000	-.4000	-.4050
225.000	-.4080	

MACH (2) = 1.248 BETAT (1) = -8.120

X/LNM	.200	.400
PHI		
135.000	.0920	
180.000	.1690	-.2270
225.000	-.3810	

MACH (2) = 1.250 BETAT (2) = -4.050

X/LNM	.200	.400
PHI		
135.000	-.1260	
180.000	-.1050	-.3080
225.000	-.3640	

AMES 11-707 IA9 C2A + S3 + T9 OMS NOZZLE

SECTION (1)OMS NOZZLE

DEPENDENT VARIABLE CP

MACH (2) = 1.247 BETAT (3) = .010

X/LNM	.200	.400
PHI		
135.000	-.2840	
180.000	-.2500	-.3290
225.000	-.3240	

MACH (2) = 1.245 BETAT (4) = 4.120

X/LNM	.200	.400
PHI		
135.000	-.3170	
180.000	-.3080	-.3320
225.000	-.3350	

MACH (2) = 1.244 BETAT (5) = 8.230

X/LNM	.200	.400
PHI		
135.000	-.3500	
180.000	-.3510	-.3550
225.000	-.3590	

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A

AMES 11-7FT IA9 C2A + S3 + T9 CMS NOZZLE (RBME20) (28 APR 73)

REFERENCE DATA

SREF =	2.4210 SQ.FT.	XMRP =	28.5300 INCHES
LREF =	39.8490 INCHES	YMRP =	.0000 INCHES
BREF =	39.8490 INCHES	ZMRP =	.0000 INCHES
SCALE =	.0300 SCALE		

PARAMETRIC DATA

ALPHAT =	8.000	ORBINC =	.900
RUDDER =	-5.000	ELEVON =	.000
RUDFLR =	.000		

SECTION (1)CMS NOZZLE

DEPENDENT VARIABLE CP

MACH (1) = 1.101 BETAT (1) = -8.160

X/LNM	.200	.400
PHI		
135.000	.2830	
180.000	.0330	-.2010
225.000	-.4890	

MACH (1) = 1.101 BETAT (2) = -4.070

X/LNM	.200	.400
PHI		
135.000	.0400	
180.000	-.1100	-.3440
225.000	-.4190	

MACH (1) = 1.099 BETAT (3) = .020

X/LNM	.200	.400
PHI		
135.000	-.3210	
180.000	-.3260	-.3740
225.000	-.3750	

MACH (1) = 1.100 BETAT (4) = 4.160

X/LNM	.200	.400
PHI		
135.000	-.3820	
180.000	-.3780	-.3820
225.000	-.3940	

MACH (1) = 1.099 BETAT (5) = 8.300

X/LNM	.200	.400
PHI		
135.000	-.3970	
180.000	-.4040	-.4110
225.000	-.4110	

MACH (2) = 1.248 BETAT (1) = -8.110

X/LNM	.200	.400
PHI		
135.000	-.0620	
180.000	.0360	-.2910
225.000	-.3760	

MACH (2) = 1.248 BETAT (2) = -4.040

X/LNM	.200	.400
PHI		
135.000	-.2120	
180.000	-.1490	-.3210
225.000	-.3550	

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A (RBME20)

AMES 11-707 IA9 C2A + S3 + T9 CMS NOZZLE

DEPENDENT VARIABLE CP

SECTION (1)CMS NOZZLE

MACH (2) = 1.245 BETAT (3) = .010

X/LNM	.200	.400
PHI		
135.000	-.3000	
180.000	-.2620	-.3240
225.000	-.3240	

MACH (2) = 1.245 BETAT (4) = 4.130

X/LNM	.200	.400
PHI		
135.000	-.3240	
180.000	-.3180	-.3360
225.000	-.3400	

MACH (2) = 1.243 BETAT (5) = 7.210

X/LNM	.200	.400
PHI		
135.000	-.3430	
180.000	-.3430	-.3500
225.000	-.3550	

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A

AMES 11-707 IA9 O2A + S3 + T9 OMS NOZZLE (RBME21) (28 APR 73)

REFERENCE DATA

SREF =	2.4210 SQ.FT.	XMRP =	28.5300 INCHES
LREF =	39.8490 INCHES	YMRP =	.0000 INCHES
BREF =	39.8490 INCHES	ZMRP =	.0000 INCHES
SCALE =	.0300 SCALE		

PARAMETRIC DATA

ALPHAT =	-8.000	ORBINC =	.500
RUDDER =	-10.000	ELEVON =	.000
RUDFLR =	.000		

SECTION (1)OMS NOZZLE DEPENDENT VARIABLE CP

MACH (1) = 1.100 BETAT (1) = -8.170

X/LNM	.200	.400
PHI		
135.000	.8520	
180.000	.4060	-.1370
225.000	-.5070	

MACH (1) = 1.104 BETAT (2) = -4.080

X/LNM	.200	.400
PHI		
135.000	.0930	
180.000	.1040	-.3280
225.000	-.4450	

MACH (1) = 1.099 BETAT (3) = .020

X/LNM	.200	.400
PHI		
135.000	-.2680	
180.000	-.1780	-.3820
225.000	-.3940	

MACH (1) = 1.101 BETAT (4) = 4.150

X/LNM	.200	.400
PHI		
135.000	-.3700	
180.000	-.3240	-.3980
225.000	-.4000	

MACH (1) = 1.100 BETAT (5) = 8.300

X/LNM	.200	.400
PHI		
135.000	-.4170	
180.000	-.4050	-.4220
225.000	-.4270	

MACH (2) = 1.245 BETAT (1) = -8.120

X/LNM	.200	.400
PHI		
135.000	.8580	
180.000	.4940	.2860
225.000	-.3580	

MACH (2) = 1.252 BETAT (2) = -4.050

X/LNM	.200	.400
PHI		
135.000	.6040	
180.000	.4220	-.0990
225.000	-.3850	

DATE 25 SEP 73 TABULATED PRESSURE DATA - IA9A (RBME21)

AMES 11-7D7 IA9 O2A + S3 + T9 CMS NOZZLE

SECTION (1)CMS NOZZLE DEPENDENT VARIABLE CP

MACH (2) = 1.250 BETAT (3) = .020

X/LNM	.200	.400
PHI		
135.000	-.0420	
180.000	.0410	-.3060
225.000	-.3630	

MACH (2) = 1.248 BETAT (4) = 4.130

X/LNM	.200	.400
PHI		
135.000	-.2810	
180.000	-.2190	-.3330
225.000	-.3340	

MACH (2) = 1.247 BETAT (5) = 8.280

X/LNM	.200	.400
PHI		
135.000	-.3470	
180.000	-.3060	-.3500
225.000	-.3540	

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A (RBME22) (28 APR 73)

AMES 11-707 IA9 C2A + S3 + T9 CMS NOZZLE

PARAMETRIC DATA

ALPHAT = -6.000 ORBINC = .500
RUDDER = -10.000 ELEVON = .000
RUDFLR = .000

REFERENCE DATA

SREF = 2.4210 SQ.FT. XMRP = 28.5300 INCHES
LREF = 39.8490 INCHES YMRP = .0000 INCHES
BREF = 39.8490 INCHES ZMRP = .0000 INCHES
SCALE = .0300 SCALE

SECTION (1) CMS NOZZLE — DEPENDENT VARIABLE CP

MACH (1) = 1.102 BETAT (1) = -8.190

X/LNM	.200	.400
PHI		
135.000	.5460	
180.000	.2940	-.2250
225.000	-.4780	

MACH (1) = 1.097 BETAT (2) = -4.080

X/LNM	.200	.400
PHI		
135.000	-.0010	
180.000	.0070	-.3440
225.000	-.4370	

MACH (1) = 1.098 BETAT (3) = .020

X/LNM	.200	.400
PHI		
135.000	-.2850	
180.000	-.1950	-.3740
225.000	-.3670	

MACH (1) = 1.100 BETAT (4) = 4.140

X/LNM	.200	.400
PHI		
135.000	-.3710	
180.000	-.3490	-.3970
225.000	-.4040	

MACH (1) = 1.099 BETAT (5) = 8.280

X/LNM	.200	.400
PHI		
135.000	-.4120	
180.000	-.4060	-.4140
225.000	-.4260	

MACH (2) = 1.247 BETAT (1) = -8.140

X/LNM	.200	.400
PHI		
135.000	.8160	
180.000	.4740	.1890
225.000	-.3750	

MACH (2) = 1.247 BETAT (2) = -4.060

X/LNM	.200	.400
PHI		
135.000	.4510	
180.000	.3300	-.1530
225.000	-.5240	

DATE 21 SEP 73 TABULATED PRESSURE DATA - IA9A (RBME22)

AMES 11-707 IA9 C2A + S3 + T9 CMS NOZZLE

DEPENDENT VARIABLE CP

SECTION / 1)CMS NOZZLE

MACH (2) = 1.250 BETAT (3) = .025

X/LNM	.200	.400
PHI		
135.000	-.0710	
180.000	-.0210	-.3130
225.000	-.3540	

MACH (2) = 1.250 BETAT (4) = 4.120

X/LNM	.200	.400
PHI		
135.000	-.2890	
180.000	-.2420	-.3370
225.000	-.3350	

MACH (2) = 1.249 BETAT (5) = 8.230

X/LNM	.200	.400
PHI		
135.000	-.3350	
180.000	-.3040	-.3370
225.000	-.3420	

DATE 25 5 TABULATED PRESSURE DATA - IA9A (RBME23) (28 APR 73)

AMES 11-707 IA9 O2A + S3 + T9 OMS NOZZLE

PARAMETRIC DATA

ALPHAT =	-4.000	ORBINC =	.500
RUDDER =	-10.000	ELEVON =	.000
RUDFLR =	.000		

REFERENCE DATA

SREF =	2.4219 SQ.FT.	XMRP =	28.5300 INCHES
LREF =	39.8490 INCHES	YMRP =	.0000 INCHES
BREF =	39.8490 INCHES	ZMRP =	.0000 INCHES
SCALE =	.0300 SCALE		

SECTION (1)OMS NOZZLE

DEPENDENT VARIABLE CP

MACH (1) = 1.099 BETAT (1) = -8.200

X/LNM	.200	.400
PHI		
135.000	.3080	
180.000	.1650	-.2680
225.000	-.4430	

MACH (1) = 1.097 BETAT (2) = -4.090

X/LNM	.200	.400
PHI		
135.000	-.0700	
180.000	-.0550	-.3310
225.000	-.4270	

MACH (1) = 1.101 BETAT (3) = .020

X/LNM	.200	.400
PHI		
135.000	-.2950	
180.000	-.2320	-.3720
225.000	-.3620	

MACH (1) = 1.102 BETAT (4) = 4.140

X/LNM	.200	.400
PHI		
135.000	-.3690	
180.000	-.3540	-.3930
225.000	-.3980	

MACH (1) = 1.098 BETAT (5) = 8.260

X/LNM	.200	.400
PHI		
135.000	-.4010	
180.000	-.3870	-.4020
225.000	-.4090	

MACH (2) = 1.248 BETAT (1) = -8.150

X/LNM	.200	.400
PHI		
135.000	.7420	
180.000	.4510	.0990
225.000	-.3830	

MACH (2) = 1.249 BETAT (2) = -4.060

X/LNM	.200	.400
PHI		
135.000	.3380	
180.000	.2570	-.1760
225.000	-.3790	

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A (RBME23)

AMES 11-707 IA9 02A + S3 + T9 OMS NOZZLE

SECTION (1)OMS NOZZLE DEPENDENT VARIABLE CP

MACH (2) = 1.248 BETAT (3) = .010

X/LNM	.200	.400
PHI		
135.000	-.0950	
180.000	-.0930	-.3220
225.000	-.3440	

MACH (2) = 1.247 BETAT (4) = 4.120

X/LNM	.200	.400
PHI		
135.000	-.2970	
180.000	-.2840	-.3350
225.000	-.3340	

MACH (2) = 1.248 BETAT (5) = 8.210

X/LNM	.200	.400
PHI		
135.000	-.3360	
180.000	-.3100	-.3400
225.000	-.3410	

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A (RBME24) (28 APR 73)

AMES 11-707 IA9 CEA + S3 + T9 OMS NOZZLE

REFERENCE DATA

SREF =	2.4215 SQ.FT.	XMRP =	28.5300 INCHES
LREF =	39.8490 INCHES	YMRP =	.0000 INCHES
BREF =	39.8490 INCHES	ZMRP =	.0000 INCHES
SCALE =	.0300 SCALE		

PARAMETRIC DATA

ALPHAT =	-2.000	ORBINC =	.500
RUDDER =	-10.000	ELEVON =	.000
RUDFLR =	.000		

SECTION (1)OMS NOZZLE

DEPENDENT VARIABLE CP

MACH (1) = 1.150 BETAT (1) = -8.200

X/LNM	.200	.400
PHI		
135.000	.1700	
180.000	.0080	-.2930
225.000	-.4330	

MACH (1) = 1.098 BETAT (2) = -4.080

X/LNM	.200	.400
PHI		
135.000	-.1310	
180.000	-.1180	-.3580
225.000	-.4250	

MACH (1) = 1.098 BETAT (3) = .050

X/LNM	.200	.400
PHI		
135.000	-.3010	
180.000	-.2650	-.3640
225.000	-.3590	

MACH (1) = 1.097 BETAT (4) = 4.130

X/LNM	.200	.400
PHI		
135.000	-.3640	
180.000	-.3570	-.3750
225.000	-.3840	

MACH (1) = 1.101 BETAT (5) = 8.250

X/LNM	.200	.400
PHI		
135.000	-.3980	
180.000	-.3850	-.4060
225.000	-.4030	

MACH (2) = 1.246 BETAT (1) = -8.150

X/LNM	.200	.400
PHI		
135.000	.6200	
180.000	.4080	-.0020
225.000	-.3850	

MACH (2) = 1.249 BETAT (2) = -4.070

X/LNM	.200	.400
PHI		
135.000	.2050	
180.000	.1560	-.2610
225.000	-.3750	

DATE 20 SEP 73 TABULATED PRESSURE DATA - [illegible] (RBME24)

AMES 11-707 IA9 OEA + S3 + T9 OMS NOZZLE

DEPENDENT VARIABLE CP

SECTION (1)OMS NOZZLE

MACH (2) = 1.249 BETAT (3) = .020

X/LNM	.200	.400
PHI		
135.000	-.1690	
180.000	-.1440	-.3270
225.000	-.3340	

MACH (2) = 1.249 BETAT (4) = 4.110

X/LNM	.200	.400
PHI		
135.000	-.3080	
180.000	-.3080	-.3320
225.000	-.3330	

MACH (2) = 1.249 BETAT (5) = 8.800

X/LNM	.200	.400
PHI		
135.000	-.3450	
180.000	-.3080	-.3320
225.000	-.3300	

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A (RBME25) (28 APR 73)

AMES 11-707 IA9 OEA + S3 + T9 CMS NOZZLE

REFERENCE DATA

SREF =	2.4210 SQ.FT.	XMRP =	28.5300 INCHES
LREF =	39.8490 INCHES	YMRP =	.0000 INCHES
BREF =	39.8490 INCHES	ZMRP =	.0000 INCHES
SCALE =	.0300 SCALE		

PARAMETRIC DATA

ALPHAT =	.000	ORBINC =	.500
RUDDER =	-10.000	ELEVON =	.000
RUDFLR =	.000		

SECTION (1 CMS NOZZLE DEPENDENT VARIABLE CP

MACH (1) = 1.090 BETAT (1) = -8.200

X/LNM	.200	.400
PHI		
135.000	.0770	
180.000	.0090	-.3100
225.000	-.4260	

MACH (1) = 1.095 BETAT (2) = -4.080

X/LNM	.200	.400
PHI		
135.000	-.1860	
180.000	-.1660	-.3680
225.000	-.4060	

MACH (1) = 1.089 BETAT (3) = .020

X/LNM	.200	.400
PHI		
135.000	-.3260	
180.000	-.2950	-.3700
225.000	-.3690	

MACH (1) = 1.100 BETAT (4) = 4.130

X/LNM	.200	.400
PHI		
135.000	-.3710	
180.000	-.3680	-.3840
225.000	-.3970	

MACH (1) = 1.096 BETAT (5) = 8.260

X/LNM	.200	.400
PHI		
135.000	-.4040	
180.000	-.3860	-.4110
225.000	-.4090	

MACH (2) = 1.246 BETAT (1) = -8.160

X/LNM	.200	.400
PHI		
135.000	.5490	
180.000	.3740	-.0280
225.000	-.3850	

MACH (2) = 1.248 BETAT (2) = -4.070

X/LNM	.200	.400
PHI		
135.000	.1320	
180.000	.1000	-.2300
225.000	-.3670	

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A (RBME25)

AMES 11-707 IA9 O2A + S3 + T9 CMS NOZZLE

SECTION (1)CMS NOZZLE DEPENDENT VARIABLE CP

MACH (2) = 1.249 BETAT (3) = .020

X/LNM	.200	.400
PHI		
135.000	-.1820	
180.000	-.1730	-.3280
225.000	-.3330	

MACH (2) = 1.251 BETAT (4) = 4.110

X/LNM	.200	.400
PHI		
135.000	-.3050	
180.000	-.3120	-.3310
225.000	-.3310	

MACH (2) = 1.248 BETAT (5) = 8.200

X/LNM	.200	.400
PHI		
135.000	-.3490	
180.000	-.3110	-.3550
225.000	-.3540	

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A (RBME26) (28 APR 73)

AMES 11-707 IA9 OEA + S3 + T9 OMS NOZZLE

REFERENCE DATA

SREF =	2.4210 SQ.FT	XMRP =	28.5300 INCHES
LREF =	39.8490 INCHES	YMRP =	.0000 INCHES
BREF =	39.8490 INCHES	ZMRP =	.0000 INCHES
SCALE =	.0300 SCALE		

PARAMETRIC DATA

ALPHAT =	2.000	ORBINC =	.500
RUDDER =	-10.000	ELEVON =	.000
RUDFLR =	.000		

SECTION (1)OMS NOZZLE

DEPENDENT VARIABLE CP

MACH (1) = 1.099 BETAT (1) = -8.210

X/LNM	.200	.400
PHI		
135.000	.0290	
180.000	-.0180	-.3150
225.000	-.4190	

MACH (1) = 1.099 BETAT (2) = -4.090

X/LNM	.200	.400
PHI		
135.000	-.2140	
180.000	-.2040	-.3690
225.000	-.3950	

MACH (1) = 1.100 BETAT (3) = .080

X/LNM	.200	.400
PHI		
135.000	-.3360	
180.000	-.3190	-.3720
225.000	-.3720	

MACH (1) = 1.101 BETAT (4) = 4.15[illegible]

X/LNM	.200	.400
PHI		
135.000	-.3690	
180.000	-.3670	-.3770
225.000	-.3900	

MACH (1) = 1.098 BETAT (5) = 8.260

X/LNM	.200	.400
PHI		
135.000	-.3940	
180.000	-.3840	-.4130
225.000	-.4120	

MACH (2) = 1.247 BETAT (1) = -8.160

X/LNM	.210	.400
PHI		
135.000	.4180	
180.000	.3420	-.0880
225.000	-.3840	

MACH (2) = 1.250 BETAT (2) = -4.070

X/LNM	.210	.400
PHI		
135.000	.0130	
180.000	.0010	-.2670
225.000	-.3550	

DATE 20 SEP 73 TABULATED PRESSURE DATA - 1A9A (RBME26)

AMES 11-707 1A9 02A + S3 + T9 CMS NOZZLE

SECTION (1)CMS NOZZLE DEPENDENT VARIABLE CP

MACH (2) = 1.248 BETAT (3) = .020

X/LNM	.200	.400
PHI		
135.000	-.2220	
180.000	-.2170	-.3320
225.000	-.3270	

MACH (2) = 1.248 BETAT (4) = 4.100

X/LNM	.200	.400
PHI		
135.000	-.3020	
180.000	-.2950	-.3310
225.000	-.3320	

MACH (2) = 1.247 BETAT (5) = 8.200

X/LNM	.200	.400
PHI		
135.000	-.3500	
180.000	-.3270	-.3820
225.000	-.3680	

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A

AMES 11-7D7 IA9 CEA + S3 + T9 CMS NOZZLE (RB'E27) (28 APR 73)

REFERENCE DATA

SREF =	2.4210 SQ.FT.	XMRP =	28.5300 INCHES		
LREF =	39.8490 INCHES	YMRP =	.0000 INCHES		
BREF =	39.8490 INCHES	ZMRP =	.0000 INCHES		
SCALE =	.0300 SCALE				

PARAMETRIC DATA

ALPHAT =	4.000	ORBINC =	.500
RUDDER =	-10.000	ELEVON =	.000
RUDFLR =	.000		

SECTION (1)CM3 NOZZLE DEPENDENT VARIABLE CP

MACH (1) = 1.097 BETAT (1) = -0.200

X/LNM	.200	.400
PHI		
135.000	.2080	
180.000	.0280	-.3180
225.000	-.4370	

MACH (1) = 1.099 BETAT (2) = -4.080

X/LNM	.200	.400
PHI		
135.000	-.2940	
180.000	-.2410	-.3680
225.000	-.3790	

MACH (1) = 1.100 BETAT (3) = .080

X/LNM	.200	.400
PHI		
135.000	-.3480	
180.000	-.3190	-.3670
225.000	-.3720	

MACH (1) = 1.099 BETAT (4) = 4.140

X/LNM	.200	.400
PHI		
135.000	-.3720	
180.000	-.3690	-.3780
225.000	-.3910	

MACH (1) = 1.101 BETAT (5) = 8.260

X/LNM	.200	.400
PHI		
135.000	-.3900	
180.000	-.3930	-.4150
225.000	-.4180	

MACH (2) = 1.249 BETAT (1) = -0.150

X/LNM	.200	.400
PHI		
135.000	.2570	
180.000	.2640	-.1490
225.000	-.3810	

MACH (2) = 1.247 BETAT (2) = -4.060

X/LNM	.200	.400
PHI		
135.000	-.0510	
180.000	-.0590	-.2940
225.000	-.3580	

DATE 25 SEP 73 TABULATED PRESSURE DATA - IA9A (RBME27)

AMES 11-707 IA9 OBA > S3 + T9 OMS NOZZLE

SECTION (1)OMS NOZZLE DEPENDENT VARIABLE CP

MACH (2) = 1.249 BETAT (3) = .020

X/LNM	.200	.400
PHI		
135.000	-.2580	
180.000	-.2310	-.3310
225.000	-.3310	

MACH (2) = 1.251 BETAT (4) = 4.110

X/LNM	.200	.400
PHI		
135.000	-.3040	
180.000	-.2980	-.3350
225.000	-.3320	

MACH (2) = 1.246 BETAT (5) = 8.210

X/LNM	.200	.400
PHI		
135.000	-.3560	
180.000	-.3520	-.3680
225.000	-.3700	

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A (RBME26) (28 APR 73)

AMES 11-707 IA9 OEA + S3 + T9 OMS NOZZLE

REFERENCE DATA

SREF =	2.4210 SQ.FT.	XMRP =	28.5300 INCHES
LREF =	39.8490 INCHES	YMRP =	.0000 INCHES
BREF =	39.8490 INCHES	ZMRP =	.0000 INCHES
SCALE =	.0300 SCALE		

PARAMETRIC DATA

ALPHAT =	6.000	ORBINC =	.500
RUDDER =	-15.000	ELEVON =	.000
RUDFLR =	.000		

SECTION (1)OMS NOZZLE

DEPENDENT VARIABLE CP

MACH (1) = 1.099 BETAT (1) = -8.190

X/LNM	.200	.400
PHI		
135.000	.4710	
180.000	.1420	-.2060
225.000	-.4940	

MACH (1) = 1.098 BETAT (2) = -4.080

X/LNM	.200	.400
PHI		
135.000	-.0630	
180.000	-.2200	-.4010
225.000	-.3800	

MACH (1) = 1.099 BETAT (3) = .020

X/LNM	.200	.400
PHI		
135.000	-.3540	
180.000	-.3330	-.3670
225.000	-.3700	

MACH (1) = 1.102 BETAT (4) = 4.150

X/LNM	.200	.400
PHI		
135.000	-.3780	
180.000	-.3770	-.3870
225.000	-.3990	

MACH (1) = 1.099 BETAT (5) = 8.280

X/LNM	.200	.400
PHI		
135.000	-.4090	
180.000	-.4140	-.4130
225.000	-.4260	

MACH (2) = 1.248 BETAT (1) = -8.130

X/LNM	.200	.400
PHI		
135.000	.0910	
180.000	.1810	-.2220
225.000	-.3770	

MACH (2) = 1.251 BETAT (2) = -4.060

X/LNM	.200	.400
PHI		
135.000	-.1200	
180.000	-.0970	-.3050
225.000	-.3600	

DATE 25 SEP 73 TABULATED PRESSURE DATA - IA9A (RBME28)

AMES 11-707 IA9 O2A + S3 + T9 OMS NOZZLE

SECTION (1)OMS NOZZLE DEPENDENT VARIABLE CP

MACH (2) = 1.249 BETAT (3) = .515

X/LNM	.200	.400
PHI		
135.000	-.2830	
180.000	-.2490	-.3290
225.000	-.3260	

MACH (2) = 1.245 BETAT (4) = 4.120

X/LNM	.200	.400
PHI		
135.000	-.3170	
180.000	-.3110	-.3380
225.000	-.3390	

MACH (2) = 1.245 BETAT (5) = 8.230

X/LNM	.200	.400
PHI		
135.000	-.3610	
180.000	-.3620	-.3650
225.000	-.3700	

DATE 25 SEP 73 TABULATED PRESSURE DATA - IA9A

AMES 11-707 IA9 C2A + S3 + T9 OMS NOZZLE (RBME29) (28 APR 73)

REFERENCE DATA

PARAMETRIC DATA

SREF =	2.4210 SQ.FT.	XMRP =	28.5300 INCHES	ALPHAT =	8.000
LREF =	39.8490 INCHES	YMRP =	.0000 INCHES	RUDDER =	-15.000
BREF =	39.8490 INCHES	ZMRP =	.0000 INCHES	RUDFLR =	.000
SCALE =	.0300 SCALE			ORBINC =	.500
				ELEVON =	.000

SECTION (1)OMS NOZZLE

DEPENDENT VARIABLE CP

MACH (1) = 1.098 BETAT (1) = -8.160

X/LNM	.200	.400
PHI		
135.000	.2540	
180.000	.0230	-.2160
225.000	-.4820	

MACH (1) = 1.098 BETAT (2) = -4.070

X/LNM	.200	.400
PHI		
135.000	.0420	
180.000	-.1230	-.3310
225.000	-.4210	

MACH (1) = 1.098 BETAT (3) = .020

X/LNM	.200	.400
PHI		
135.000	-.3290	
180.000	-.3280	-.3760
225.000	-.3760	

MACH (1) = 1.098 BETAT (4) = 4.150

X/LNM	.200	.400
PHI		
135.000	-.3810	
180.000	-.3780	-.3850
225.000	-.3950	

MACH (1) = 1.098 BETAT (5) = 8.310

X/LNM	.200	.400
PHI		
135.000	-.4100	
180.000	-.4220	-.4210
225.000	-.4280	

MACH (2) = 1.247 BETAT (1) = -8.100

X/LNM	.200	.400
PHI		
135.000	-.0630	
180.000	.0460	-.2850
225.000	-.3710	

MACH (2) = 1.249 BETAT (2) = -4.040

X/LNM	.200	.400
PHI		
135.000	-.1930	
180.000	-.1460	-.3180
225.000	-.3550	

DATE 25 SEP 73 TABULATED PRESSURE DATA - IA9A (RBME29)

AMES 11-7ft I-9 C2A + S3 + T9 CMS NOZZLE

SECTION (11)CMS NOZZLE

DEPENDENT VARIABLE CP

MACH (2) = 1.249 BETAT (3) = .025

X/LNM	.200	.400
PHI		
135.000	-.2970	
180.000	-.2520	-.3320
225.000	-.3320	

MACH (2) = 1.249 BETAT (4) = 4.130

X/LNM	.200	.400
PHI		
135.000	-.3240	
180.000	-.3190	-.3380
225.000	-.3400	

MACH (2) = 1.248 BETAT (5) = 8.250

X/LNM	.200	.400
PHI		
135.000	-.3600	
180.000	-.3490	-.3650
225.000	-.3670	

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A

AMES 11-707 IA9 C2A + S3 + T9 OMS NOZZLE (RBME30) (28 APR 73)

REFERENCE DATA

SREF =	2.4210 SQ.FT.	XMRP =	28.5300 INCHES		
LREF =	39.8490 INCHES	YMRP =	.0000 INCHES		
BREF =	39.8490 INCHES	ZMRP =	.0000 INCHES		
SCALE =	.0300 SCALE				

PARAMETRIC DATA

ALPHAT =	-8.000	ORBINC =	.500
RUDDER =	-15.000	ELEVON =	.000
RUDFLR =	.000		

SECTION (1)OMS NOZZLE

DEPENDENT VARIABLE CP

MACH (1) = 1.101 BETAT (1) = -8.180

X/LNM	.200	.400
PHI		
135.000	.8600	
180.000	.4150	-.1180
225.000	-.5070	

MACH (1) = 1.102 BETAT (2) = -4.080

X/LNM	.200	.400
PHI		
135.000	.0940	
180.000	.1080	-.3250
225.000	-.4450	

MACH (1) = 1.102 BETAT (3) = .020

X/LNM	.200	.400
PHI		
135.000	-.2460	
180.000	-.1450	-.3890
225.000	-.4100	

MACH (1) = 1.100 BETAT (4) = 4.160

X/LNM	.200	.400
PHI		
135.000	-.3710	
180.000	-.3250	-.4040
225.000	-.4040	

MACH (1) = 1.102 BETAT (5) = 8.310

X/LNM	.200	.400
PHI		
135.000	-.4240	
180.000	-.4110	-.4180
225.000	-.4270	

MACH (2) = 1.244 BETAT (1) = -8.130

X/LNM	200	.400
PHI		
135.000	.8580	
180.000	.4900	.3340
225.000	-.3540	

MACH (2) = 1.245 BETAT (2) = -4.050

X/LNM	.200	.400
PHI		
135.000	.6000	
180.000	.4260	-.1000
225.000	-.3870	

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A (RBME3D)

AMES 11-707 IA9 OEA + S3 + T9 OMS NOZZLE

DEPENDENT VARIABLE CP

SECTION (1)OMS NOZZLE

MACH (2) = 1.249 BETAT (3) = .020

X/LNM	.200	.400
PHI		
135.000	-.0350	
180.000	.0330	-.3090
225.000	-.3680	

MACH (2) = 1.245 BETAT (4) = 4.130

X/LNM	.200	.400
PHI		
135.000	-.2790	
180.000	-.2210	-.3350
225.000	-.3380	

MACH (2) = 1.247 BETAT (5) = 8.250

X/LNM	.200	.400
PHI		
135.000	-.3450	
180.000	.3030	-.3900
225.000	-.3580	

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A (RBME31) (28 APR 73)

AMES 11-707 IA9 OEA + S3 + T9 CMS NOZZLE

REFERENCE DATA

SREF =	2.4210 SQ.FT.	XMRP =	28.5300 INCHES
LREF =	39.8490 INCHES	YMRP =	.0000 INCHES
BREF =	39.8490 INCHES	ZMRP =	.0000 INCHES
SCALE =	.0300 SCALE		

PARAMETRIC DATA

ALPHAT =	-6.000	ORBINC =	.500
RUDDER =	-15.000	ELEVON =	.000
RUDFLR =	.000		

SECTION (1)CMS NOZZLE

DEPENDENT VARIABLE CP

MACH (1) = 1.101 BETAT (1) = -8.190

X/LNM	.200	.400
PHI		
135.000	.6200	
180.000	.3150	-.2150
225.000	-.4830	

MACH (1) = 1.101 BETAT (2) = -4.090

X/LNM	.200	.400
PHI		
135.000	.0190	
180.000	.0250	-.3400
225.000	-.4370	

MACH (1) = 1.099 BETAT (3) = .020

X/LNM	.200	.400
PHI		
135.000	-.2890	
180.000	-.2030	-.3710
225.000	-.3780	

MACH (1) = 1.098 BETAT (4) = 4.140

X/LNM	.200	.400
PHI		
135.000	-.3700	
180.000	-.3290	-.3950
225.000	-.3980	

MACH (1) = 1.097 BETAT (5) = 8.280

X/LNM	.200	.400
PHI		
135.000	-.4170	
180.000	-.4000	-.4130
225.000	-.4170	

MACH (2) = 1.247 BETAT (1) = -8.140

X/LNM	.200	.400
PHI		
135.000	.8160	
180.000	.4740	.2080
225.000	-.3760	

MACH (2) = 1.248 BETAT (2) = -4.060

X/LNM	.200	.400
PHI		
135.000	.5030	
180.000	.3480	-.1350
225.000	-.3890	

DATE 25 SEP 73 TABULATED PRESSURE DATA - IA9A (RBME31)

AMES 11-707 IA9 OBA + S3 + T9 CMS NOZZLE

DEPENDENT VARIABLE CP

SECTION (11)CMS NOZZLE

MACH (2) = 1.251 BETAT (3) = .020

X/LNM	.200	.400
PHI		
135.000	-.0760	
180.000	-.0180	-.3170
225.000	-.3600	

MACH (2) = 1.251 BETAT (4) = 4.120

X/LNM	.200	.400
PHI		
135.000	-.2910	
180.000	-.2410	-.3390
225.000	-.3390	

MACH (2) = 1.250 BETAT (5) = 8.230

X/LNM	.200	.400
PHI		
135.000	-.3390	
180.000	-.2990	-.3430
225.000	-.3440	

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A (RBME32) (28 APR 73)

AMES 11-707 IA9 O2A + S3 + T9 OMS NOZZLE

REFERENCE DATA

SREF =	2.4210 SQ.FT.	XMRP =	28.5300 INCHES
LREF =	39.8490 INCHES	YMRP =	.0000 INCHES
BREF =	39.8490 INCHES	ZMRP =	.3000 INCHES
SCALE =	.0300 SCALE		

PARAMETRIC DATA

ALPHAT =	-4.000	ORBINC =	.500
RUDDER =	-15.000	ELEVON =	.000
RUDFLR =	.000		

SECTION (1)OMS NOZZLE

DEPENDENT VARIABLE C_P

MACH (1) = 1.100 BETAT (1) = -8.200

X/LNM	.200	.400
PHI		
135.000	.3310	
180.000	.1760	-.2640
225.000	-.4490	

MACH (1) = 1.099 BETAT (2) = -4.090

X/LNM	.200	.400
PHI		
135.000	-.0700	
180.000	-.0590	-.3560
225.000	-.4280	

MACH (1) = 1.100 BETAT (3) = .080

X/LNM	.200	.400
PHI		
135.000	-.2690	
180.000	-.2310	-.3740
225.000	-.3680	

MACH (1) = 1.101 BETAT (4) = 4.130

X/LNM	.200	.400
PHI		
135.000	-.3700	
180.000	-.3550	-.3940
225.000	-.4000	

MACH (1) = 1.101 BETAT (5) = 8.280

X/LNM	.200	.400
PHI		
135.000	-.4050	
180.000	-.3870	-.4010
225.000	-.4080	

MACH (2) = 1.249 BETAT (1) = -8.150

X/LNM	.200	.400
PHI		
135.000	.7430	
180.000	.4520	.1160
225.000	-.3630	

MACH (2) = 1.250 BETAT (2) = -4.060

X/LNM	.200	.400
PHI		
135.000	.3790	
180.000	.2740	-.1680
225.000	-.3870	

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A (RBME32)

AMES 11-707 IA9 OEA + S3 + T9 CMS NOZZLE

SECTION (1)CMS NOZZLE DEPENDENT VARIABLE CP

MACH (2) = 1.250 BETAT (3) = .020

X/LNM	.200	.400
PHI		
135.000	-.1150	
180.000	-.0840	-.3220
225.000	-.3510	

MACH (2) = 1.246 BETAT (4) = 4.110

X/LNM	.200	.400
PHI		
135.000	-.2970	
180.000	-.2900	-.3370
225.000	-.3370	

MACH (2) = 1.246 BETAT (5) = 8.210

X/LNM	.200	.400
PHI		
135.000	-.3380	
180.000	-.3120	-.3430
225.000	-.3430	

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A (RBME33) (28 APR 73)

AMES 11-707 IA9 CEA + S3 + T9 OMS NOZZLE

REFERENCE DATA

SREF =	2.4210 SQ.FT.	XMRP =	28.5300 INCHES		
LREF =	39.8490 INCHES	YMRP =	.0000 INCHES		
DREF =	39.8490 INCHES	ZMRP =	.0000 INCHES		
SCALE =	.0300 SCALE				

PARAMETRIC DATA

ALPHAT =	-2.000	ORBINC =	.500
RUDDER =	-15.000	ELEVON =	.000
RUDFLR =	.000		

SECTION (1)OMS NOZZLE

DEPENDENT VARIABLE CP

MACH (1) = 1.102 BETAT (1) = -8.200

X/LNM	.200	.400
PHI		
135.000	.1820	
180.000	.1000	-.2900
225.000	-.4380	

MACH (1) = 1.101 BETAT (2) = -4.050

X/LNM	.200	.400
PHI		
135.000	-.1200	
180.000	-.1060	-.3610
225.000	-.4190	

MACH (1) = 1.100 BETAT (3) = .020

X/LNM	.200	.400
PHI		
135.000	-.3050	
180.000	-.2560	-.3700
225.000	-.3630	

MACH (1) = 1.101 BETAT (4) = 4.130

X/LNM	.200	.400
PHI		
135.000	-.3680	
180.000	-.3610	-.3860
225.000	-.3900	

MACH (1) = 1.099 BETAT (5) = 8.250

X/LNM	.200	.400
PHI		
135.000	-.4020	
180.000	-.3900	-.4140
225.000	-.4050	

MACH (2) = 1.247 BETAT (1) = -8.150

X/LNM	.200	.400
PHI		
135.000	.6200	
180.000	.4050	.0060
225.000	-.3870	

MACH (2) = 1.246 BETAT (2) = -4.060

X/LNM	.200	.400
PHI		
135.000	.2590	
180.000	.1830	-.1990
225.000	-.3670	

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A (RUNE33)

AMES 11-707 IA9 CRA + S3 + T9 CMS NOZZLE

DEPENDENT VARIABLE CP

SECTION (1)CMS NOZZLE

MACH (2) = 1.230 BETAT (3) = .020

X/LNM	.200	.400
PHI		
135.000	-.1490	
180.000	-.1390	-.3260
225.000	-.3380	

MACH (2) = 1.250 BETAT (4) = 4.110

X/LNM	.200	.400
PHI		
135.000	-.3040	
180.000	-.3070	-.3310
225.000	-.3380	

MACH (2) = 1.248 BETAT (5) = 8.200

X/LNM	.200	.400
PHI		
135.000	-.3390	
180.000	-.3080	-.3480
225.000	-.3450	

DATE 20 SEP 73

TABULATED PRESSURE DATA - IA9A

(RBME34) (28 APR 73)

AMES 11-707 IA9 OEA + 83 + T9 OMS NOZZLE

REFERENCE DATA

SREF =	2.4210 SQ.FT.	XMRP =	28.5300 INCHES
LREF =	39.8490 INCHES	YMRP =	.0000 INCHES
BREF =	39.8490 INCHES	ZMRP =	.0900 INCHES
SCALE =	.0300 SCALE		

PARAMETRIC DATA

ALPHAT =	.00	ORBINC =	.500
RUDDER =	-15.000	ELEVON =	.000
RUDFLR =	.000		

SECTION (1)OMS NOZZLE

DEPENDENT VARIABLE CP

MACH (1) = 1.097 BETAT (1) = -8.200

X/LNM	.200	.400
PHI		
135.000	.1010	
180.000	.0450	-.3020
225.000	-.4330	

MACH (1) = 1.100 BETAT (2) = -4.090

X/LNM	.200	.400
PHI		
135.000	-.1630	
180.000	-.1500	-.3610
225.000	-.4140	

MACH (1) = 1.099 BETAT (3) = .020

X/LNM	.200	.400
PHI		
135.000	-.3180	
180.000	-.2970	-.3730
225.000	-.3650	

MACH (1) = 1.100 BETAT (4) = 4.130

X/LNM	.200	.400
PHI		
135.000	-.3730	
180.000	-.3700	-.3840
225.000	-.3970	

MACH (1) = 1.099 BETAT (5) = 8.250

X/LNM	.200	.400
PHI		
135.000	-.4030	
180.000	-.3850	-.4110
225.000	-.4090	

MACH (2) = 1.249 BETAT (1) = -8.160

X/LNM	.200	.400
PHI		
135.000	.5400	
180.000	.3760	-.0340
225.000	-.3860	

MACH (2) = 1.250 BETAT (2) = -4.070

X/LNM	.200	.400
PHI		
135.000	.1620	
180.000	.1150	-.2260
225.000	-.3800	

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A (RBME34)

AMES 11-707 IA9 C2A + S3 + T9 CMS NOZZLE

SECTION (1)CMS NOZZLE DEPENDENT VARIABLE CP

MACH (2) = 1.249 BETAT (3) = .020

X/LNM	.200	.400
PHI		
135.000	-.1850	
180.000	-.1770	-.3270
225.000	-.3350	

MACH (2) = 1.249 BETAT (4) = 4.110

X/LNM	.200	.400
PHI		
135.000	-.2080	
180.000	-.2980	-.3320
225.000	-.3330	

MACH (2) = 1.247 BETAT (5) = 8.200

X/LNM	.200	.400
PHI		
135.000	-.3450	
180.000	-.3120	-.3560
225.000	-.3520	

DATE 20 SEP 7[illegible] TABULATED PRESSURE DATA - IA9A

AMES 11-707 IA9 OEA + S3 + T9 OMS NOZZLE (RBME35) (20 APR 73)

REFERENCE DATA

SREF =	2.4210 SQ.FT.	XMRP =	20.5300 INCHES
LREF =	39.8490 INCHES	YMRP =	.0000 INCHES
BREF =	39.8490 INCHES	ZMRP =	.0000 INCHES
SCALE =	.0300 SCALE		

PARAMETRIC DATA

ALPHAT =	2.000	ORBINC =	.500
RUDDER =	-15.000	ELEVON =	.000
RUDFLR =	.000		

SECTION (1)OMS NOZZLE — DEPENDENT VARIABLE CP

MACH (1) = 1.102 BETAT (1) = -8.210

X/LNM	.200	.400
PHI		
135.000	.0400	
180.000	-.0090	-.3150
225.000	-.4290	

MACH (1) = 1.085 BETAT (2) = -4.090

X/LNM	.200	.400
PHI		
135.000	-.2110	
180.000	-.2080	-.3680
225.000	-.4010	

MACH (1) = 1.099 BETAT (3) = .020

X/LNM	.200	.400
PHI		
135.000	-.3320	
180.000	-.3210	-.3730
225.000	-.3740	

MACH (1) = 1.101 BETAT (4) = 4.130

X/LNM	.200	.400
PHI		
135.000	-.3690	
180.000	-.3690	-.3800
225.000	-.3980	

MACH (1) = 1.106 BETAT (5) = 8.250

X/LNM	.200	.400
PHI		
135.000	-.4010	
180.000	-.3910	-.4150
225.000	-.4180	

MACH (2) = 1.248 BETAT (1) = -8.160

X/LNM	.200	.400
PHI		
135.000	.4050	
180.000	.3420	-.0830
225.000	-.3880	

MACH (2) = 1.244 BETAT (2) = -4.070

X/LNM	.200	.400
PHI		
135.000	.0150	
180.000	-.0010	-.2740
225.000	-.3610	

DATE 25 SEP 73 TABULATED PRESSURE DATA - IA9A (RBME35)

AMES 11-707 IA9 O2A + S3 + T9 CMS NOZZLE

SECTION (1)CMS NOZZLE DEPENDENT VARIABLE CP

MACH (2) = 1.250 BETAT (3) = .020

X/LNM	.200	.400
PHI		
135.000	-.2190	
180.000	-.2200	-.3370
225.000	-.3340	

MACH (2) = 1.248 BETAT (4) = 4.100

X/LNM	.200	.400
PHI		
135.000	-.2950	
180.000	-.2990	-.3310
225.000	-.3290	

MACH (2) = 1.248 BETAT (5) = 8.500

X/LNM	.200	.400
PHI		
135.000	-.3500	
180.000	-.3290	-.3600
225.000	-.3630	

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A (RBME36) (28 APR 73)

AMES 11-707 IA9 O2A + S3 + T9 OMS NOZZLE

REFERENCE DATA

SREF =	2.4210 SQ.FT.	XMRP =	28.5300 INCHES
LREF =	39.8490 INCHES	YMRP =	.0000 INCHES
BREF =	39.8490 INCHES	ZMRP =	.0000 INCHES
SCALE =	.0300 SCALE		

PARAMETRIC DATA

ALPHAT =	4.000	ORBINC =	.000
RUDDER =	-15.000	ELEVON =	.000
RUDFLR =	.000		

SECTION (1)OMS NOZZLE

DEPENDENT VARIABLE CP

MACH (1) = 1.103 BETAT (1) = -8.200

X/LNM	.200	.400
PHI		
135.000	.4460	
180.000	.0670	-.3060
225.000	-.4520	

MACH (1) = 1.099 BETAT (2) = -4.090

X/LNM	.200	.400
PHI		
135.000	-.2760	
180.000	-.2550	-.3700
225.000	-.3830	

MACH (1) = 1.098 BETAT (3) = .020

X/LNM	.200	.400
PHI		
135.000	-.3490	
180.000	-.3250	-.3710
225.000	-.3760	

MACH (1) = 1.098 BETAT (4) = 4.140

X/LNM	.200	.400
PHI		
135.000	-.3740	
180.000	-.3680	-.3760
225.000	-.3920	

MACH (1) = 1.100 BETAT (5) = 8.260

X/LNM	.200	.400
PHI		
135.000	-.3970	
180.000	-.3940	-.4170
225.000	-.4170	

MACH (2) = 1.248 BETAT (1) = -8.150

X/LNM	.200	.400
PHI		
135.000	.2640	
180.000	.2730	-.1510
225.000	-.3790	

MACH (2) = 1.249 BETAT (2) = -4.060

X/LNM	.200	.400
PHI		
135.000	-.0280	
180.000	-.0390	-.2890
225.000	-.3590	

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A (RBME36)

AMES 11-707 IA9 02A + S3 + T9 OMS NOZZLE

SECTION (1)OMS NOZZLE DEPENDENT VARIABLE CP

MACH (2) = 1.249 BETAT (3) = .010

X/LNM	.200	.400
PHI		
135.000	-.2560	
180.000	-.2320	-.3290
225.000	-.3290	

MACH (2) = 1.245 BETAT (4) = 4.110

X/LNM	.200	.400
PHI		
135.000	-.3070	
180.000	-.3060	-.3360
225.000	-.3380	

MACH (2) = 1.246 BETAT (5) = 8.210

X/LNM	.200	.400
PHI		
135.000	-.3540	
180.000	-.3500	-.3660
225.000	-.3680	

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A

AMES 11-707 IA9 OEA + S3 + T9 OMS NOZZLE (RBME37) (20 APR 73)

REFERENCE DATA

SREF =	2.4210 SQ.FT.	XMRP =	28.5300 INCHES
LREF =	39.8490 INCHES	YMRP =	.0000 INCHES
BREF =	39.8490 INCHES	ZMRP =	.0000 INCHES
SCALE =	.0300 SCALE		

PARAMETRIC DATA

ALPHAT =	6.000	ORBINC =	.500
RUDDER =	-15.000	ELEVON =	.000
RUDFLR =	.000		

SECTION (1)OMS NOZZLE DEPENDENT VARIABLE CP

MACH (1) = 1.100 BETAT (1) = -8.180

X/LNM	.200	.400
PHI		
135.000	.5000	
180.000	.1450	-.1890
225.000	-.4940	

MACH (1) = 1.100 BETAT (2) = -4.080

X/LNM	.200	.400
PHI		
135.000	-.0290	
180.000	-.2270	-.4010
225.000	-.3840	

MACH (1) = 1.080 BETAT (3) = .010

X/LNM	.200	.400
PHI		
135.000	-.3570	
180.000	-.3370	-.3700
225.000	-.3740	

MACH (1) = 1.100 BETAT (4) = 4.140

X/LNM	.200	.400
PHI		
135.000	-.3840	
180.000	-.3840	-.3890
225.000	-.4040	

MACH (1) = 1.080 BETAT (5) = 6.280

X/LNM	.200	.400
PHI		
135.000	-.4030	
180.000	-.4140	-.4180
225.000	-.4210	

MACH (2) = 1.247 BETAT (1) = -8.130

X/LNM	.200	.400
PHI		
135.000	.1860	
180.000	.1760	-.2230
225.000	-.3750	

MACH (2) = 1.248 BETAT (2) = -4.050

X/LNM	.200	.400
PHI		
135.000	-.1240	
180.000	-.1960	-.3690
225.000	-.3640	

DATE 25 SEP 73 TABULATED PRESSURE DATA - IA9A (RBME37)

AMES 11-70' IA9 O2A + S3 + T9 OMS NOZZLE

SECTION (1)OMS NOZZLE DEPENDENT VARIABLE CP

MACH (2) = 1.247 BETAT (3) = .020

X/LNM	.200	.400
PHI		
135.000	-.2800	
180.000	-.2470	-.3280
225.000	-.3280	

MACH (2) = 1.252 BETAT (4) = 4.120

X/LNM	.200	.400
PHI		
135.000	-.3150	
180.000	-.3110	-.3400
225.000	-.3390	

MACH (2) = 1.247 BETAT (5) = 8.230

X/LNM	.200	.400
PHI		
135.000	-.3580	
180.000	-.3570	-.3640
225.000	-.3670	

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A

AMES 11-707 IA9 OEA + S3 + T9 CMS NOZZLE (RBME38) (28 APR 73)

REFERENCE DATA

SREF =	2.4210 SQ.FT.	XMRP =	28.5300 INCHES
LREF =	39.8490 INCHES	YMRP =	.0000 INCHES
BREF =	39.8490 INCHES	ZMRP =	.0000 INCHES
SCALE =	.0300 SCALE		

PARAMETRIC DATA

ALPHAT =	8.000	ORBINC =	.500
RUDDER =	-15.000	ELEVON =	.000
RUDFLR =	.000		

SECTION (1)CMS NOZZLE DEPENDENT VARIABLE CP

MACH (1) = 1.090 BETAT (1) = -8.170

X/LNM	.200	.400
PHI		
135.000	.3050	
180.000	.0420	-.2140
225.000	-.4890	

MACH (1) = 1.089 BETAT (2) = -4.070

X/LNM	.200	.400
PHI		
135.000	.0570	
180.000	-.0960	-.3310
225.000	-.4260	

MACH (1) = 1.089 BETAT (3) = .080

X/LNM	.200	.400
PHI		
135.000	-.3240	
180.000	-.3290	-.3740
225.000	-.3600	

MACH (1) = 1.088 BETAT (4) = 4.160

X/LNM	.200	.400
PHI		
135.000	-.3860	
180.000	-.3870	-.3890
225.000	-.4040	

MACH (1) = 1.087 BETAT (5) = 8.310

X/LNM	.200	.400
PHI		
135.000	-.4120	
180.000	-.4170	-.4230
225.000	-.4210	

MACH (2) = 1.245 BETAT (1) = -8.110

X/LNM	.200	.400
PHI		
135.000	-.0530	
180.000	.0450	-.2850
225.000	-.3730	

MACH (2) = 1.251 BETAT (2) = -4.040

X/LNM	.200	.400
PHI		
135.000	-.1900	
180.000	-.1320	-.3200
225.000	-.3610	

AMES 11-707 IA9 OEA + S3 + T9 OMS NOZZLE

SECTION (1)OMS NOZZLE

DEPENDENT VARIABLE CP

MACH (2) = 1.246 BETAT (3) = .020

X/LNM	.200	.400
PHI		
135.000	-.2950	
180.000	-.2930	-.3290
225.000	-.3280	

MACH (2) = 1.245 BETAT (4) = 4.130

X/LNM	.200	.400
PHI		
135.000	-.3250	
180.000	-.3200	-.3390
225.000	-.3420	

MACH (2) = 1.245 BETAT (5) = 8.250

X/LNM	.200	.400
PHI		
135.000	-.3570	
180.000	-.3570	-.3580
225.000	-.3630	

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A (RBNE39) (28 APR 73)

AMES 11-707 IA9 O2A + S3 + T9 OMS NOZZLE

REFERENCE DATA

SREF =	2.4210 SQ.FT.	XMRP =	28.5300 INCHES
LREF =	39.8490 INCHES	YMRP =	.0000 INCHES
BREF =	39.8490 INCHES	ZMRP =	.0000 INCHES
SCALE =	.0300 SCALE		

PARAMETRIC DATA

ALPHAT =	-8.000	ORBINC =	.500
RUDDER =	-5.000	ELEVON =	.000
RUDFLR =	.000		

SECTION (1)OMS NOZZLE DEPENDENT VARIABLE CP

MACH (1) = 1.105 BETAT (1) = -8.180

X/LNM	.200	.400
PHI		
135.000	.0580	
180.000	.4030	-.1270
225.000	-.5180	

MACH (1) = 1.087 BETAT (2) = -4.070

X/LNM	.200	.400
PHI		
135.000	.0830	
180.000	.0870	-.3430
225.000	-.4440	

MACH (1) = 1.088 BETAT (3) = .080

X/LNM	.200	.400
PHI		
135.000	-.2850	
180.000	-.1860	-.3660
225.000	-.3960	

MACH (1) = 1.104 BETAT (4) = 4.160

X/LNM	.200	.400
PHI		
135.000	-.3770	
180.000	-.3290	-.4010
225.000	-.4090	

MACH (1) = 1.089 BETAT (5) = 8.310

X/LNM	.200	.400
PHI		
135.000	-.4230	
180.000	-.4130	-.4980
225.000	-.4330	

MACH (2) = 1.251 BETAT (1) = -8.120

X/LNM	.200	.400
PHI		
135.000	.0560	
180.000	.4920	.3130
225.000	-.3500	

MACH (2) = 1.249 BETAT (2) = -4.050

X/LNM	.200	.400
PHI		
135.000	.5670	
180.000	.4620	-.1140
225.000	-.3800	

AMES 11-707 IA9 C2A + S3 + T9 CMS NOZZLE (RBME39)

SECTION (1)CMS NOZZLE DEPENDENT VARIABLE CP

MACH (2) = 1.246 BETAT (3) = .020

X/LNM	.200	.400
PHI		
135.000	-.0840	
180.000	.0160	-.3080
225.000	-.3550	

MACH (2) = 1.246 BETAT (4) = 4.130

X/LNM	.200	.400
PHI		
135.000	-.2720	
180.000	-.2170	-.3240
225.000	-.3230	

MACH (2) = 1.245 BETAT (5) = 8.250

X/LNM	.200	.400
PHI		
135.000	-.3400	
180.000	-.3050	-.3440
225.000	-.3480	

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A (RBME40) (28 APR 73)

AMES 11-707 IA9 OEA + 83 + T9 OMS NOZZLE

REFERENCE DATA

SREF =	2.4210 SQ.FT.	XMRP =	28.5300 INCHES		
LREF =	39.8490 INCHES	YMRP =	.0000 INCHES		
BREF =	39.8490 INCHES	ZMRP =	.0000 INCHES		
SCALE =	.0300 SCALE				

PARAMETRIC DATA

ALPHAT =	-4.000	ORBINC =	.500
RUDDER =	-5.000	ELEVON =	.000
RUDFLR =	.000		

SECTION (1)OMS NOZZLE

DEPENDENT VARIABLE CP

MACH (1) = 1.101 BETAT (1) = -8.190

X/LNM	.200	.400
PHI		
135.000	.2980	
180.000	.1480	-.2800
225.000	-.4990	

MACH (1) = 1.101 BETAT (2) = -4.080

X/LNM	.200	.400
PHI		
135.000	-.0940	
180.000	-.0890	-.3620
225.000	-.4270	

MACH (1) = 1.101 BETAT (3) = .080

X/LNM	.200	.400
PHI		
135.000	-.3000	
180.000	-.2990	-.3790
225.000	-.4470	

MACH (1) = 1.099 BETAT (4) = 4.140

X/LNM	.200	.400
PHI		
135.000	-.3580	
180.000	-.3450	-.3740
225.000	-.3870	

MACH (1) = 1.100 BETAT (5) = 8.280

X/LNM	.200	.400
PHI		
135.000	-.3970	
180.000	-.3770	-.3930
225.000	-.3990	

MACH (2) = 1.244 BETAT (1) = -8.150

X/LNM	.200	.400
PHI		
135.000	.7300	
180.000	.4360	.0630
225.000	-.3870	

MACH (2) = 1.249 BETAT (2) = -4.080

X/LNM	.200	.400
PHI		
135.000	.2760	
180.000	.2090	-.1990
225.000	-.3710	

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A (RBME40)

AMES 11-707 IA9 C2A + S3 + T9 OMS NOZZLE

SECTION (1)OMS NOZZLE DEPENDENT VARIABLE CP

MACH (2) = 1.248 BETAT (3) = .010

X/LNM	.200	.400
PHI		
135.000	-.1[illegible]	
180.000	-.10[illegible]	-.3220
225.000	-.[illegible]	

MACH (2) = 1.252 BETAT (4) = 4.110

X/LNM	.2[illegible]	.400
PHI		
135.000	-.3000	
180.000	-.2870	-.3320
225.000	-.3330	

MACH (2) = 1.250 BETAT (5) = 8.210

X/LNM	.200	.400
PHI		
135.000	-.3290	
180.000	-.2950	-.3320
225.000	-.3310	

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A (RBME41) (28 APR 73)

AMES 11-7FT IA9 CBA + S3 + T9 OMS NOZZLE

REFERENCE DATA

SREF =	2.4210	SQ.FT.	XMRP =	28.5300	INCHES
LREF =	39.8490	INCHES	YMRP =	.0000	INCHES
BREF =	39.8490	INCHES	ZMRP =	.0000	INCHES
SCALE =	.0300	SCALE			

PARAMETRIC DATA

ALPHAT =	.000	ORBINC =	.500
RUDDER =	-5.000	ELEVON =	.000
RUDFLR =	.000		

SECTION (1)OMS NOZZLE DEPENDENT VARIABLE CP

MACH (1) = 1.101 BETAT (1) = -8.200

X/LNM	.200	.400
PHI		
135.000	.1360	
180.000	.0480	-.3180
225.000	-.4480	

MACH (1) = 1.098 BETAT (2) = -4.090

X/LNM	.200	.400
PHI		
135.000	-.1900	
180.000	-.1680	-.3780
225.000	-.4190	

MACH (1) = 1.100 BETAT (3) = .020

X/LNM	.200	.400
PHI		
135.000	-.3160	
180.000	-.2940	-.3730
225.000	-.3670	

MACH (1) = 1.100 BETAT (4) = 4.130

X/LNM	.200	.400
PHI		
135.000	-.3640	
180.000	-.3650	-.3760
225.000	-.3930	

MACH (1) = 1.100 BETAT (5) = 8.250

X/LNM	.200	.400
PHI		
135.000	-.3970	
180.000	-.3840	-.4040
225.000	-.4050	

MACH (2) = 1.247 BETAT (1) = -8.180

X/LNM	.200	.400
PHI		
135.000	.5330	
180.000	.3710	-.0380
225.000	-.3890	

MACH (2) = 1.251 BETAT (2) = -4.060

X/LNM	.200	.400
PHI		
135.000	.1240	
180.000	.0980	-.2310
225.000	-.3670	

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A (RBME41)

AMES 11-707 IA9 O2A + S3 + T9 CMS NOZZLE

SECTION (1)CMS NOZZLE DEPENDENT VARIABLE CP

MACH (2) = 1.246 BETAT (3) = .020

X/LNM	.200	.400
PHI		
135.000	-.2070	
180.000	-.1870	-.3230
225.000	-.3280	

MACH (2) = 1.247 BETAT (4) = 4.110

X/LNM	.200	.400
PHI		
135.000	-.2910	
180.000	-.2990	-.3300
225.000	-.3310	

MACH (2) = 1.246 BETAT (5) = 8.200

X/LNM	.200	.400
PHI		
135.000	-.3460	
180.000	-.3250	-.3540
225.000	-.3550	

DATE 26 SEP 73 TABULATED PRESSURE DATA - IA9A (RBME42) (28 APR 73)

AMES 11-707 IA9 OBA + S3 + T9 OMS NOZZLE

REFERENCE DATA

SREF =	2.4210 SQ.FT.	XMRP =	29.5300 INCHES
LREF =	39.8490 INCHES	YMRP =	.0000 INCHES
BREF =	39.8490 INCHES	ZMRP =	.0000 INCHES
SCALE =	.0300 SCALE		

PARAMETRIC DATA

ALPHAT =	4.000	ORBINC =	.500
RUDDER =	-5.000	ELEVON =	.000
RUDFLR =	.000		

SECTION (1)OMS NOZZLE DEPENDENT VARIABLE CP

MACH (1) = 1.101 BETAT (1) = -8.190

X/LNM	.200	.400
PHI		
135.000	.2710	
180.000	.0220	-.3310
225.000	-.4440	

MACH (1) = 1.102 BETAT (2) = -4.090

X/LNM	.200	.400
PHI		
135.000	-.2770	
180.000	-.2560	-.3680
225.000	-.3800	

MACH (1) = 1.098 BETAT (3) = .020

X/LNM	.200	.400
PHI		
135.000	-.3440	
180.000	-.3210	-.3700
225.000	-.3710	

MACH (1) = 1.099 BETAT (4) = 4.140

X/LNM	.200	.400
PHI		
135.000	-.3770	
180.000	-.3720	-.3760
225.000	-.3970	

MACH (1) = 1.100 BETAT (5) = 8.260

X/LNM	.200	.400
PHI		
135.000	-.3920	
180.000	-.3920	-.4110
225.000	-.4140	

MACH (2) = 1.245 BETAT (1) = -8.140

X/LNM	.200	.400
PHI		
135.000	.2380	
180.000	.2630	-.1610
225.000	-.3860	

MACH (2) = 1.246 BETAT (2) = -4.060

X/LNM	.200	.400
PHI		
135.000	-.0670	
180.000	-.0760	-.2980
225.000	-.3570	

DATE 25 SEP 73 TABULATED PRESSURE DATA - IA9A (RBME42)

AMES 11-707 IA9 C2A + S3 + T9 OMS NOZZLE

SECTION (1)OMS NOZZLE DEPENDENT VARIABLE CP

MACH (2) = 1.249 BETAT (3) = .025

X/LNM	.200	.400
PHI		
135.000	-.2650	
180.000	-.2370	-.3270
225.000	-.3280	

MACH (2) = 1.247 BETAT (4) = 4.110

X/LNM	.200	.400
PHI		
135.000	-.3090	
180.000	-.3070	-.3320
225.000	-.3330	

MACH (2) = 1.246 BETAT (5) = 8.210

X/LNM	.200	.400
PHI		
135.000	-.3530	
180.000	-.3510	-.3640
225.000	-.3710	

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A (RBME43) (28 APR 73)

AMES 11-707 IA9 02A + S3 + T9 CMS NOZZLE

PARAMETRIC DATA

ALPHAT = 0.000 ORBINC = .500
RUDDER = -5.000 ELEVON = .000
RUDFLR = .000

REFERENCE DATA

SREF = 2.4210 SQ.FT. XMRP = 28.5305 INCHES
LREF = 39.8496 INCHES YMRP = .0000 INCHES
BREF = 39.8496 INCHES ZMRP = .0000 INCHES
SCALE = .0300 SCALE

SECTION (1)CMS NOZZLE

DEPENDENT VARIABLE CP

MACH (1) = 1.101 BETAT (1) = -8.160

X/LNM	.200	.400
PHI		
135.000	.2820	
180.000	.0230	-.2160
225.000	-.4820	

MACH (1) = 1.097 BETAT (2) = -4.070

X/LNM	.200	.400
PHI		
135.000	.0390	
180.000	-.1260	-.3320
225.000	-.4250	

MACH (1) = 1.101 BETAT (3) = .010

X/LNM	.200	.400
PHI		
135.000	-.3400	
180.000	-.3380	-.3770
225.000	-.3820	

MACH (1) = 1.099 BETAT (4) = 4.150

X/LNM	.200	.400
PHI		
135.000	-.3830	
180.000	-.3840	-.3920
225.000	-.3990	

MACH (1) = 1.099 BETAT (5) = 8.300

X/LNM	.200	.400
PHI		
135.000	-.4010	
180.000	-.4080	-.4090
225.000	-.4120	

MACH (2) = 1.245 BETAT (1) = -8.110

X/LNM	.200	.400
PHI		
135.000	-.0570	
180.000	.0410	-.2860
225.000	-.3740	

MACH (2) = 1.249 BETAT (2) = -4.040

X/LNM	.200	.400
PHI		
135.000	-.2050	
180.000	-.1500	-.3220
225.000	-.3560	

AMES 11-707 IA9 C2A + S3 + T9 CMS NOZZLE (RBNE43)

SECTION (1)CMS NOZZLE DEPENDENT VARIABLE CP

MACH (2) = 1.248 BETAT (3) = .020

X/LNM	.200	.400
PHI		
135.000	-.3020	
180.000	-.2590	-.3300
225.000	-.3260	

MACH (2) = 1.245 BETAT (4) = 4.130

X/LNM	.200	.400
PHI		
135.000	-.3270	
180.000	-.3230	-.3410
225.000	-.3410	

MACH (2) = 1.246 BETAT (5) = 8.230

X/LNM	.200	.400
PHI		
135.000	-.3610	
180.000	-.3600	-.3650
225.000	-.3680	

26 SEP 73 TABULATED PRESSURE DATA - IA9A

AMES 11-707 IA9 CEA + 93 + 79 CMS NOZZLE (RBME44) (27 APR 73)

REFERENCE DATA

SREF =	2.4210 SQ.FT.	XMRP =	28.5300 INCHES
LREF =	39.0490 INCHES	YMRP =	.0000 INCHES
BREF =	39.0480 INCHES	ZMRP =	.0000 INCHES
SCALE =	.0300 SCALE		

PARAMETRIC DATA

BETAT =	.000	ORBINC =	-1.200
RUDDER =	.000	ELEVON =	.000
RUDFLR =	.000		

SECTION (1)CMS NOZZLE

DEPENDENT VARIABLE CP

MACH (1) = .800 ALPHAT(1) = -0.050

X/LNM	.200	.400
PHI		
135.000	-.2080	
180.000	-.1270	-.3030
225.000	-.3150	

MACH (1) = .800 ALPHAT(2) = -3.990

X/LNM	.200	.400
PHI		
135.000	-.2140	
180.000	-.1490	-.2980
225.000	-.3060	

MACH (1) = .900 ALPHAT(3) = -3.990

X/LNM	.200	.400
PHI		
135.000	-.2000	
180.000	-.1550	-.2850
225.000	-.2900	

MACH (1) = .900 ALPHAT(4) = -1.970

X/LNM	.200	.400
PHI		
135.000	-.2030	
180.000	-.1720	-.2910
225.000	-.2930	

MACH (1) = .800 ALPHAT(5) = .080

X/LNM	.200	.400
PHI		
135.000	-.2160	
180.000	-.1920	-.2920
225.000	-.2890	

MACH (1) = .800 ALPHAT(6) = 2.070

X/LNM	.200	.400
PHI		
135.000	-.2170	
180.000	-.2020	-.2900
225.000	-.2930	

MACH (1) = .800 ALPHAT(7) = 4.010

X/LNM	.200	.400
PHI		
135.000	-.2160	
180.000	-.1990	-.2850
225.000	-.2930	

DATE 20 SEP 93 TABULATED PRESSURE DATA - IA9A (RBME44)

AMES 11-707 IA9 OBA + S3 + T9 CMS NOZZLE

SECTION (1)CMS NOZZLE DEPENDENT VARIABLE CP

MACH (1) = .990 ALPHAT(8) = 6.040

X/LNM	.200	.400
PHI		
135.000	-.2330	
180.000	-.2190	-.2850
225.000	-.2860	

MACH (1) = .999 ALPHAT(9) = 8.020

X/LNM	.200	.400
PHI		
135.000	-.2380	
180.000	-.2200	-.2810
225.000	-.2860	

MACH (2) = .901 ALPHAT(1) = -8.070

X/LNM	.200	.400
PHI		
135.000	-.2950	
180.000	-.2800	-.3290
225.000	-.3290	

MACH (2) = .901 ALPHAT(2) = -6.030

X/LNM	.200	.400
PHI		
135.000	-.2850	
180.000	-.2700	-.3200
225.000	-.3260	

MACH (2) = .899 ALPHAT(3) = -4.020

X/LNM	.200	.400
PHI		
135.000	-.2750	
180.000	-.2620	-.3090
225.000	-.3120	

MACH (2) = .900 ALPHAT(4) = -1.090

X/LNM	.200	.400
PHI		
135.000	-.2620	
180.000	-.2580	-.2990
225.000	-.3070	

MACH (2) = .902 ALPHAT(5) = .010

X/LNM	.200	.400
PHI		
135.000	-.2640	
180.000	-.2550	-.3070
225.000	-.3120	

MACH (2) = .902 ALPHAT(6) = 1.990

X/LNM	.200	.400
PHI		
135.000	-.2600	
180.000	-.2500	-.3030
225.000	-.3030	

DATE 20 SEP 79 TABULATED PRESSURE DATA - IASA (RBME44)

AMES 11-707 IA9 CBA + 93 + T9 CNS NOZZLE

SECTION : 1)CNS NOZZLE DEPENDENT VARIABLE CP

MACH (2) = .901 ALPHAT(7) = 4.010

X/LNM	.200	.400
PHI		
135.000	-.2560	
180.000	-.2480	-.3080
225.000	-.3040	

MACH (2) = .901 ALPHAT(8) = 6.000

X/LNM	.200	.400
PHI		
135.000	-.2430	
180.000	-.2440	-.3040
225.000	-.3150	

MACH (2) = .898 ALPHAT(9) = 7.980

X/LNM	.200	.400
PHI		
135.000	-.2570	
180.000	-.2480	-.3120
225.000	-.3110	

MACH (3) = 1.100 ALPHAT(1) = -8.010

X/LNM	.200	.400
PHI		
135.000	-.2540	
180.000	-.1110	-.3780
225.000	-.4080	

MACH (3) = 1.097 ALPHAT(2) = -5.950

X/LNM	.200	.400
PHI		
135.000	-.2760	
180.000	-.1700	-.3790
225.000	-.3880	

MACH (3) = 1.100 ALPHAT(3) = -3.970

X/LNM	.200	.400
PHI		
135.000	-.2730	
180.000	-.1850	-.3780
225.000	-.3750	

MACH (3) = 1.102 ALPHAT(4) = -1.980

X/LNM	.200	.400
PHI		
135.000	-.2910	
180.000	-.2260	-.3680
225.000	-.3660	

MACH (3) = 1.100 ALPHAT(3) = .030

X/LNM	.200	.400
PHI		
135.000	-.3030	
180.000	-.2680	-.3680
225.000	-.3610	

DATE 20 SEP 73

TABULATED PRESSURE DATA - IASA

(RBME44)

AMES 11-707 IA9 OEA + S3 + T9 CMS NOZZLE

DEPENDENT VARIABLE CP

SECTION (1)CMS NOZZLE

MACH (3) = 1.101 ALPHAT(6) = 2.140

X/LNM	.200	.400
PHI		
135.000	-.3240	
180.000	-.3010	-.3700
225.000	-.3650	

MACH (3) = 1.102 ALPHAT(7) = 3.980

X/LNM	.200	.400
PHI		
135.000	-.3370	
180.000	-.3190	-.3710
225.000	-.3700	

MACH (3) = 1.103 ALPHAT(8) = 6.030

X/LNM	.200	.400
PHI		
135.000	-.3440	
180.000	-.3200	-.3670
225.000	-.3680	

MACH (3) = 1.102 ALPHAT(9) = 8.010

X/LNM	.200	.400
PHI		
135.000	-.3490	
180.000	-.3350	-.3650
225.000	-.3700	

MACH (4) = 1.247 ALPHAT(1) = -8.080

X/LNM	.200	.400
PHI		
135.000	.0180	
180.000	.1220	-.2880
225.000	-.3810	

MACH (4) = 1.250 ALPHAT(2) = -5.980

X/LNM	.200	.400
PHI		
135.000	-.0030	
180.000	.0640	-.3000
225.000	-.3730	

MACH (4) = 1.247 ALPHAT(3) = -3.980

X/LNM	.200	.400
PHI		
135.000	-.0820	
180.000	-.0470	-.3130
225.000	-.3500	

MACH (4) = 1.248 ALPHAT(4) = -2.000

X/LNM	.200	.400
PHI		
135.000	-.1400	
180.000	-.1070	-.3190
225.000	-.3370	

DATE 20 SEP 79 TABULATED PRESSURE DATA - IASM (RBNE44)

AMES 11-707 IA9 OEA + S3 + T9 CMS NOZZLE

SECTION (1)CMS NOZZLE DEPENDENT VARIABLE CP

MACH (4) = 1.248 ALPHAT(5) = .020

X/LNM	.200	.400
PHI		
135.000	-.1790	
180.000	-.1540	-.3250
225.000	-.3290	

MACH (4) = 1.244 ALPHAT(6) = 2.070

X/LNM	.200	.400
PHI		
135.000	-.2130	
180.000	-.1990	-.3260
225.000	-.3170	

MACH (4) = 1.248 ALPHAT(7) = 4.080

X/LNM	.200	.400
PHI		
135.000	-.2330	
180.000	-.2270	-.3310
225.000	-.3230	

MACH (4) = 1.248 ALPHAT(8) = 6.050

X/LNM	.200	.400
PHI		
135.000	-.2590	
180.000	-.2590	-.3250
225.000	-.3250	

MACH (4) = 1.248 ALPHAT(9) = 8.010

X/LNM	.200	.400
PHI		
135.000	-.2810	
180.000	-.2300	-.3240
225.000	-.3293	

DATE 20 SEP 73 TABULATED PRESSURE DATA - I:9A (RBMFD1) (27 APR 73)

AMES 11-707 IA9 C2A + S3 + T9 BODY FLAP

REFERENCE DATA

SREF =	2.4210 SQ.FT.	XMRP =	28.5300 INCHES		
LREF =	19.8490 INCHES	YMRP =	.0000 INCHES		
BREF =	19.8490 INCHES	ZMRP =	.0000 INCHES		
SCALE =	.0360 SCALE				

PARAMETRIC DATA

BETAT =	.000	ORBINC =	1.500
RUDDER =	.000	ELEVON =	.000
RUDFLR =	.000		

SECTION (1)BODY FLAP DEPENDENT VARIABLE CP

MACH (1) = .601 ALPHAT(1) = -8.140

X/LB	1.039
PHI	
.000	.1240
40.000	-.1350

MACH (1) = .598 ALPHAT(2) = -6.130

X/LB	1.039
PHI	
.000	.1050
40.000	-.1460

MACH (1) = .597 ALPHAT(3) = -4.100

X/LB	1.039
PHI	
.000	.0690
40.000	-.1490

MACH (1) = .599 ALPHAT(4) = -2.080

X/LB	1.039
PHI	
.000	.0890
40.000	-.1450

MACH (1) = .597 ALPHAT(5) = -.080

X/LB	1.039
PHI	
.000	.0220
40.000	-.1480

MACH (1) = .598 ALPHAT(6) = 1.980

X/LB	1.039
PHI	
.000	-.0460
40.000	-.1520

MACH (1) = .597 ALPHAT(7) = 3.930

X/LB	1.039
PHI	
.000	-.0400
40.000	-.1390

MACH (1) = .600 ALPHAT(8) = 5.900

X/LB	1.039
PHI	
.000	-.0580
40.000	-.1360

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A (RBMFD1)

AMES 11-7D7 IA9 O2A + S3 + T9 BODY FLAP

SECTION (1)BODY FLAP DEPENDENT VARIABLE CP

MACH (1) = .599 ALPHAT(9) = 7.950

X/LB	1.039
PHI	
.000	-.0560
40.000	-.1330

MACH (2) = .905 ALPHAT(1) = -8.020

X/LB	1.039
PHI	
.000	.0100
40.000	-.1910

MACH (2) = .899 ALPHAT(2) = -5.980

X/LB	1.039
PHI	
.000	.0190
40.000	-.1680

MACH (2) = .898 ALPHAT(3) = -4.000

X/LB	1.039
PHI	
.000	.0420
40.000	-.1620

MACH (2) = .902 ALPHAT(4) = -1.980

X/LB	1.039
PHI	
.000	.0240
40.000	-.1600

MACH (2) = .902 ALPHAT(5) = .090

X/LB	1.039
PHI	
.000	.0240
40.000	-.1620

MACH (2) = .901 ALPHAT(6) = 2.100

X/LB	1.039
PHI	
.000	-.0030
40.000	-.1650

MACH (2) = .899 ALPHAT(7) = 4.030

X/LB	1.039
PHI	
.000	-.0210
40.000	-.1660

MACH (2) = .901 ALPHAT(8) = 6.000

X/LB	1.039
PHI	
.000	-.0250
40.000	-.1690

DATE 20 SEP 73 TABULATED PRESSURE DATA - 1A9A (RBMFD1)

AMES 11-707 1A9 ORA + S3 + T9 BODY FLAP

SECTION (1)BODY FLAP DEPENDENT VARIABLE CP

MACH (2) = .902 ALPHAT(9) = 8.030

X/LB	1.039
PHI	
.000	-.0210
40.000	-.1660

MACH (2) = .901 ALPHAT(10) = 10.000

X/LB	1.039
PHI	
.000	-.0110
40.000	-.1520

MACH (3) = 1.104 ALPHAT(1) = -8.010

X/LB	1.039
PHI	
.000	-.1340
40.000	-.2360

MACH (3) = 1.101 ALPHAT(2) = -5.990

X/LB	1.039
PHI	
.000	-.1100
40.000	-.2180

MACH (3) = 1.104 ALPHAT(3) = -3.980

X/LB	1.039
PHI	
.000	-.0850
40.000	-.2070

MACH (3) = 1.102 ALPHAT(4) = -2.000

X/LB	1.039
PHI	
.000	-.0630
40.000	-.1800

MACH (3) = 1.102 ALPHAT(5) = .030

X/LB	1.039
PHI	
.000	-.0910
40.000	-.1680

MACH (3) = 1.101 ALPHAT(6) = 2.010

X/LB	1.039
PHI	
.000	-.0340
40.000	-.1310

MACH (3) = 1.102 ALPHAT(7) = 4.020

X/LB	1.039
PHI	
.000	-.0210
40.000	-.1330

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A (RBMFD1)

AMES 11-707 IA9 OEA + S3 + T9 BODY FLAP

SECTION (1)BODY FLAP DEPENDENT VARIABLE CP

MACH (3) = 1.105 ALPHAT(8) = 5.980

X/LB	1.039
PHI	
.000	-.0350
40.000	-.1320

MACH (3) = 1.102 ALPHAT(9) = 7.980

X/LB	1.039
PHI	
.000	-.0270
40.000	-.1260

MACH (3) = 1.102 ALPHAT(10) = 9.950

X/LB	1.039
PHI	
.000	-.0200
40.000	-.1170

MACH (4) = 1.250 ALPHAT(1) = -8.000

X/LB	1.039
PHI	
.000	-.1260
40.000	-.1970

MACH (4) = 1.252 ALPHAT(2) = -5.980

X/LB	1.039
PHI	
.000	-.1080
40.000	-.1860

MACH (4) = 1.248 ALPHAT(3) = -4.030

X/LB	1.039
PHI	
.000	-.0810
40.000	-.1590

MACH (4) = 1.250 ALPHAT(4) = -1.980

X/LB	1.039
PHI	
.000	-.0710
40.000	-.1150

MACH (4) = 1.249 ALPHAT(5) = .040

X/LB	1.039
PHI	
.000	-.0640
40.000	-.0850

MACH (4) = 1.247 ALPHAT(6) = 2.030

X/LB	1.039
PHI	
.000	-.0370
40.000	-.0720

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A (RBMF01)

AMES 11-707 IA9 C2A + S3 + T9 BODY FLAP

SECTION (1)BODY FLAP DEPENDENT VARIABLE CP

MACH (4) = 1.248 ALPHAT(7) = 4.040

X/LB	1.039
PHI	
.000	-.0420
40.000	-.0860

MACH (4) = 1.247 ALPHAT(8) = 6.010

X/LB	1.039
PHI	
.000	-.0350
40.000	-.1110

MACH (4) = 1.247 ALPHAT(9) = 8.010

X/LB	1.039
PHI	
.000	-.0300
40.000	-.1140

MACH (4) = 1.246 ALPHAT(10) = 9.980

X/LB	1.039
PHI	
.000	-.0120
40.000	-.0930

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A (RBMF02) (27 APR 73)

AMES 11-707 IA9 O2A + S3 + T9 BODY FLAP

REFERENCE DATA

SREF =	2.4210 SQ.FT.	XMRP =	28.5300 INCHES
LREF =	39.8490 INCHES	YMRP =	.0000 INCHES
BREF =	39.8490 INCHES	ZMRP =	.0000 INCHES
SCALE =	.0300 SCALE		

PARAMETRIC DATA

BETAT =	.000	ORBINC =	.500
RUDDER =	.000	ELEVON =	.000
RUDFLR =	.000		

SECTION (1)BODY FLAP DEPENDENT VARIABLE CP

MACH (1) = .598 ALPHAT(1) = -8.020

X/LB	1.039
PHI	
.000	.1140
40.000	-.1550

MACH (1) = .598 ALPHAT(2) = -8.020

X/LB	1.039
PHI	
.000	.0600
40.000	-.1650

MACH (1) = .599 ALPHAT(3) = -3.990

X/LB	1.039
PHI	
.000	.0390
40.000	-.1550

MACH (1) = .598 ALPHAT(4) = -1.910

X/LB	1.039
PHI	
.000	.0370
40.000	-.1450

MACH (1) = .599 ALPHAT(5) = .020

X/LB	1.039
PHI	
.000	-.0050
40.000	-.1450

MACH (1) = .599 ALPHAT(6) = 2.020

X/LB	1.039
PHI	
.000	-.0370
40.000	-.1540

MACH (1) = .597 ALPHAT(7) = 4.020

X/LB	1.039
PHI	
.000	-.0400
40.000	-.1460

MACH (1) = .599 ALPHAT(8) = 6.010

X/LB	1.039
PHI	
.000	-.0290
40.000	-.1420

DATE 25 SEP 73 TABULATED PRESSURE DATA - IA9A (RBMF02)

AMES 11-7D7 IA9 O2A + S3 + T9 BODY FLAP

SECTION (1)BODY FLAP DEPENDENT VARIABLE CP

MACH (1) = .597 ALPHAT(9) = 8.000

X/LB	1.039
PHI	
.000	-.0580
40.000	-.1320

MACH (2) = .903 ALPHAT(1) = -8.000

X/LB	1.039
PHI	
.000	-.0090
40.000	-.2000

MACH (2) = .901 ALPHAT(2) = -6.020

X/LB	1.039
PHI	
.000	.0020
40.000	-.1700

MACH (2) = .900 ALPHAT(3) = -4.030

X/LB	1.039
PHI	
.000	.0220
40.000	-.1560

MACH (2) = .896 ALPHAT(4) = -1.990

X/LB	1.039
PHI	
.000	.0260
40.000	-.1570

MACH (2) = .899 ALPHAT(5) = .010

X/LB	1.039
PHI	
.000	.0180
40.000	-.1530

MACH (2) = .898 ALPHAT(6) = 2.040

X/LB	1.039
PHI	
.000	.0110
40.000	-.1530

MACH (2) = .905 ALPHAT(7) = 4.040

X/LB	1.039
PHI	
.000	-.0340
40.000	-.1670

MACH (2) = .897 ALPHAT(8) = 6.030

X/LB	1.039
PHI	
.000	-.0180
40.000	-.1620

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A (RBMF02)

AMES 11-707 IA9 C2A + S3 + T9 BODY FLAP

SECTION (1)BODY FLAP DEPENDENT VARIABLE CP

MACH (2) = .900 ALPHAT(9) = 8.000

X/LB	1.039
PHI	
.000	-.0470
40.000	-.1630

MACH (3) = 1.102 ALPHAT(1) = -8.050

X/LB	1.039
PHI	
.000	-.1250
40.000	-.2440

MACH (3) = 1.103 ALPHAT(2) = -6.010

X/LB	1.039
PHI	
.000	-.0940
40.000	-.2340

MACH (3) = 1.102 ALPHAT(3) = -4.000

X/LB	1.039
PHI	
.000	-.0840
40.000	-.2050

MACH (3) = 1.102 ALPHAT(4) = -1.990

X/LB	1.039
PHI	
.000	-.0600
40.000	-.1890

MACH (3) = 1.102 ALPHAT(5) = -.030

X/LB	1.039
PHI	
.000	-.0640
40.000	-.1720

MACH (3) = 1.102 ALPHAT(6) = 1.980

X/LB	1.039
PHI	
.000	-.0660
40.000	-.1450

MACH (3) = 1.102 ALPHAT(7) = 3.980

X/LB	1.039
PHI	
.000	-.0510
40.000	-.1380

MACH (3) = 1.102 ALPHAT(8) = 5.970

X/LB	1.039
PHI	
.000	-.0440
40.000	-.1320

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A (RBMF02)

AMES 11-7D7 IA9 O2A + S3 + T9 BODY FLAP

SECTION (11)BODY FLAP DEPENDENT VARIABLE CP

MACH (3) = 1.101 ALPHAT(9) = 7.940

X/LB	1.039
PHI	
.000	-.0320
40.000	-.1280

MACH (4) = 1.249 ALPHAT(1) = -8.080

X/LB	1.039
PHI	
.000	-.1490
40.000	-.1820

MACH (4) = 1.248 ALPHAT(2) = -6.020

X/LB	1.039
PHI	
.000	-.1150
40.000	-.1640

MACH (4) = 1.249 ALPHAT(3) = -3.980

X/LB	1.039
PHI	
.000	-.0980
40.000	-.1560

MACH (4) = 1.245 ALPHAT(4) = -1.950

X/LB	1.039
PHI	
.000	-.0750
40.000	-.1210

MACH (4) = 1.246 ALPHAT(5) = .040

X/LB	1.039
PHI	
.000	-.0750
40.000	-.0930

MACH (4) = 1.244 ALPHAT(6) = 2.030

X/LB	1.039
PHI	
.000	-.0580
40.000	-.1050

MACH (4) = 1.245 ALPHAT(7) = 3.970

X/LB	1.039
PHI	
.000	-.0520
40.000	-.1210

MACH (4) = 1.245 ALPHAT(8) = 5.990

X/LB	1.039
PHI	
.000	-.0380
40.000	-.1220

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A (RSMF02)

AMES 11-707 IA9 02A + S3 + T9 BODY FLAP

SECTION (1)BODY FLAP DEPENDENT VARIABLE CP

MACH (4) = 1.247 ALPHAT(9) = 7.980

X/LB	1.039
PHI	
.000	-.0400
40.000	.1020

MACH (5) = 1.401 ALPHAT(1) = -8.050

X/LB	1.039
PHI	
.000	-.1350
40.000	-.1510

MACH (5) = 1.396 ALPHAT(2) = -5.970

X/LB	1.039
PHI	
.000	-.1310
40.000	-.1410

MACH (5) = 1.396 ALPHAT(3) = -3.980

X/LB	1.039
PHI	
.000	-.1060
40.000	-.1400

MACH (5) = 1.396 ALPHAT(4) = -1.990

X/LB	1.039
PHI	
.000	-.0780
40.000	-.1500

MACH (5) = 1.398 ALPHAT(5) = .040

X/LB	1.039
PHI	
.000	-.0660
40.000	-.1400

MACH (5) = 1.393 ALPHAT(6) = 2.000

X/LB	1.039
PHI	
.000	-.0610
40.000	-.1160

MACH (5) = 1.394 ALPHAT(7) = 3.960

X/LB	1.039
PHI	
.000	-.0640
40.000	-.1220

MACH (5) = 1.396 ALPHAT(8) = 6.030

X/LB	1.039
PHI	
.000	-.0520
40.000	-.1040

C-3

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A (RBMF02)

AMES 11-707 IA9 O2A + S3 + T9 BODY FLAP

SECTION (1)BODY FLAP DEPENDENT VARIABLE CP

MACH (5) = 1.391 ALPHAT(9) = 7.995

X/LB	1.039
PHI	
.000	-.0380
40.000	-.1030

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A (RBNF03) (28 APR 73)

AMES 11-707 IA9 OEA + S3 + T9 BODY FLAP

REFERENCE DATA

SREF =	2.4210 SQ.FT.	XMRP =	28.5300 INCHES
LREF =	39.8490 INCHES	YMRP =	.0000 INCHES
BREF =	39.8490 INCHES	ZMRP =	.0000 INCHES
SCALE =	.0300 SCALE		

PARAMETRIC DATA

ALPHAT =	-8.000	ORBINC =	.500
RUDDER =	.000	ELEVON =	.000
RUDFLR =	.000		

SECTION (1)BODY FLAP

DEPENDENT VARIABLE CP

MACH (1) = .599 BETAT (1) = -8.050

X/LB	1.039
PHI	
.000	-.0220
40.000	-.1300

MACH (1) = .598 BETAT (2) = -6.030

X/LB	1.039
PHI	
.000	-.0190
40.000	-.1450

MACH (1) = .596 BETAT (3) = -4.020

X/LB	1.039
PHI	
.000	.0100
40.000	-.1610

MACH (1) = .598 BETAT (4) = -2.000

X/LB	1.039
PHI	
.000	.0350
40.000	-.1430

MACH (1) = .598 BETAT (5) = .020

X/LB	1.039
PHI	
.000	.1100
40.000	-.1570

MACH (1) = .598 BETAT (6) = 2.060

X/LB	1.039
PHI	
.000	.0530
40.000	-.1980

MACH (1) = .598 BETAT (7) = 4.100

X/LB	1.039
PHI	
.000	.0190
40.000	-.2920

MACH (1) = .598 BETAT (8) = 6.140

X/LB	1.039
PHI	
.000	.0180
40.000	-.2910

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A (RBNF03)

AMES 11-707 IA9 02A + S3 + T9 BODY FLAP

SECTION (1)BODY FLAP DEPENDENT VARIABLE CP

MACH (1) = .599 BETAT (9) = 8.180

X/LB	1.039
PHI	
.000	-.0350
40.000	-.2880

MACH (2) = .901 BETAT (1) = -8.140

X/LB	1.039
PHI	
.000	-.1330
40.000	-.1710

MACH (2) = .900 BETAT (2) = -6.100

X/LB	1.039
PHI	
.000	-.0990
40.000	-.1780

MACH (2) = .900 BETAT (3) = -4.050

X/LB	1.039
PHI	
.000	-.0340
40.000	-.1720

MACH (2) = .898 BETAT (4) = -2.020

X/LB	1.039
PHI	
.000	.0140
40.000	-.1640

MACH (2) = .899 BETAT (5) = 2.030

X/LB	1.039
PHI	
.000	-.0140
40.000	-.2560

MACH (2) = .898 BETAT (6) = 4.140

X/LB	1.039
PHI	
.000	-.0310
40.000	-.2780

MACH (2) = .901 BETAT (7) = 6.210

X/LB	1.039
PHI	
.000	-.0890
40.000	-.3220

MACH (2) = .900 BETAT (8) = 8.270

X/LB	1.039
PHI	
.000	-.1260
40.000	-.3340

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A (RBMF03)

AMES 11-707 IA9 C2A + S3 + T9 BODY FLAP

SECTION (1)BODY FLAP DEPENDENT VARIABLE CP

MACH (3) = 1.101 BETAT (1) = -8.170

X/LB	1.039
PHI	
.000	-.1640
40.000	-.1690

MACH (3) = 1.100 BETAT (2) = -6.120

X/LB	1.039
PHI	
.000	-.1530
40.000	-.2130

MACH (3) = 1.102 BETAT (3) = -4.080

X/LB	1.039
PHI	
.000	-.1300
40.000	-.2290

MACH (3) = 1.100 BETAT (4) = -2.030

X/LB	1.039
PHI	
.000	-.1260
40.000	-.2500

MACH (3) = 1.099 BETAT (5) = .020

X/LB	1.039
PHI	
.000	-.1340
40.000	-.2490

MACH (3) = 1.101 BETAT (6) = 2.090

X/LB	1.039
PHI	
.000	-.1630
40.000	-.2470

MACH (3) = 1.100 BETAT (7) = 4.160

X/LB	1.039
PHI	
.000	-.1530
40.000	-.2620

MACH (3) = 1.103 BETAT (8) = 6.240

X/LB	1.039
PHI	
.000	-.1750
40.000	-.3140

MACH (3) = 1.101 BETAT (9) = 7.600

X/LB	1.039
PHI	
.000	-.1800
40.000	-.3120

DATE 25 SEP 73 TABULATED PRESSURE DATA - 1A9A (RBMF03)

AMES 11-707 1A9 C2A + S3 + T9 BODY FLAP

DEPENDENT VARIABLE CP

SECTION: (1)BODY FLAP

MACH (4) = 1.248 BETAT (1) = -8.130

X/LB	1.039
PHI	
.000	-.1420
40.000	.0030

MACH (4) = 1.249 BETAT (2) = -6.080

X/LB	1.039
PHI	
.000	-.1280
40.000	-.0110

MACH (4) = 1.249 BETAT (3) = -4.050

X/LB	1.039
PHI	
.000	-.1260
40.000	-.0440

MACH (4) = 1.248 BETAT (4) = -2.020

X/LB	1.039
PHI	
.000	-.1420
40.000	-.1020

MACH (4) = 1.247 BETAT (5) = 2.080

X/LB	1.039
PHI	
.000	-.1470
40.000	-.2000

MACH (4) = 1.247 BETAT (6) = 4.140

X/LB	1.039
PHI	
.000	-.1310
40.000	-.2240

MACH (4) = 1.248 BETAT (7) = 6.190

X/LB	1.039
PHI	
.000	-.1360
40.000	-.2490

MACH (4) = 1.251 BETAT (8) = 8.250

X/LB	1.039
PHI	
.000	-.1450
40.000	-.2990

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A (RBMF04) (28 APR 73)

AMES 11-707 IA9 OEA + S3 + T9 BODY FLAP

REFERENCE DATA

SREF =	2.4210 SQ.FT.	XMRP =	28.5300 INCHES
LREF =	39.8490 INCHES	YMRP =	.0000 INCHES
BREF =	39.8490 INCHES	ZMRP =	.0000 INCHES
SCALE =	.0300 SCALE		

PARAMETRIC DATA

ALPHAT =	-6.000	ORBINC =	.500
RUDDER =	.000	ELEVON =	.000
RUDFLR =	.000		

SECTION (1)BODY FLAP DEPENDENT VARIABLE CP

MACH (1) = .598 BETAT (1) = -8.060

X/LB	1.039
PHI	
.000	-.0230
40.000	-.1230

MACH (1) = .597 BETAT (2) = -6.040

X/LB	1.039
PHI	
.000	-.0220
40.000	-.1350

MACH (1) = .599 BETAT (3) = -4.020

X/LB	1.039
PHI	
.000	.0270
40.000	-.1380

MACH (1) = .599 BETAT (4) = -2.000

X/LB	1.039
PHI	
.000	.0620
40.000	-.1460

MACH (1) = .600 BETAT (5) = .020

X/LB	1.039
PHI	
.000	.0910
40.000	-.1520

MACH (1) = .599 BETAT (6) = 2.060

X/LB	1.039
PHI	
.000	.0650
40.000	-.1850

MACH (1) = .599 BETAT (7) = 4.090

X/LB	1.039
PHI	
.000	.0360
40.000	-.2630

MACH (1) = .600 BETAT (8) = 6.120

X/LB	1.039
PHI	
.000	.0030
40.000	-.3050

AMES 11-707 I49 C2A + S3 + T9 BODY FLAP (RBMFD4)

SECTION (1)BODY FLAP DEPENDENT VARIABLE CP

MACH (1) = .601 BETAT (9) = 8.160

X/LB	1.039
PHI	
.000	-.0300
40.000	-.2610

MACH (2) = .899 BETAT (1) = -8.160

X/LB	1.039
PHI	
.000	-.1020
40.000	-.1640

MACH (2) = .897 BETAT (2) = -6.100

X/LB	1.039
PHI	
.000	-.0690
40.000	-.1570

MACH (2) = .902 BETAT (3) = -4.070

X/LB	1.039
PHI	
.000	-.0390
40.000	-.1690

MACH (2) = .900 BETAT (4) = -2.030

X/LB	1.039
PHI	
.000	.0170
40.000	-.1630

MACH (2) = .902 BETAT (5) = 2.080

X/LB	1.039
PHI	
.000	-.0350
40.000	-.2270

MACH (2) = .903 BETAT (6) = 4.140

X/LB	1.039
PHI	
.000	-.0370
40.000	-.2820

MACH (2) = .900 BETAT (7) = 6.190

X/LB	1.039
PHI	
.000	-.0970
40.000	-.3120

MACH (2) = .898 BETAT (8) = 8.240

X/LB	1.039
PHI	
.000	-.1080
40.000	-.3170

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A (RBMF04)

AMES 11-707 IA9 OEA + S3 + T9 BODY FLAP

SECTION (1)BODY FLAP DEPENDENT VARIABLE CP

MACH (3) = 1.100 BETAT (1) = -8.190

X/LB	1.039
PHI	
.000	-.1290
40.000	-.1590

MACH (3) = 1.099 BETAT (2) = -6.120

X/LB	1.039
PHI	
.000	-.1420
40.000	-.1870

MACH (3) = 1.101 BETAT (3) = -4.080

X/LB	1.039
PHI	
.000	-.1240
40.000	-.2150

MACH (3) = 1.101 BETAT (4) = -2.030

X/LB	1.039
PHI	
.000	-.1180
40.000	-.2270

MACH (3) = 1.099 BETAT (5) = 2.080

X/LB	1.039
PHI	
.000	-.1340
40.000	-.2230

MACH (3) = 1.098 BETAT (6) = 4.150

X/LB	1.039
PHI	
.000	-.1410
40.000	-.2570

MACH (3) = 1.100 BETAT (7) = 6.210

X/LB	1.039
PHI	
.000	-.1490
40.000	-.3110

MACH (3) = 1.098 BETAT (8) = 8.290

X/LB	1.039
PHI	
.000	-.1450
40.000	-.3090

MACH (4) = 1.248 BETAT (1) = -8.140

X/LB	1.039
PHI	
.000	-.1170
40.000	.0190

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A (RBMF04)

AMES 11-707 IA9 C2A + S3 + T9 BODY FLAP

SECTION (1)BODY FLAP DEPENDENT VARIABLE CP

MACH (4) = 1.246 BETAT (2) = -6.100

X/LB	1.039
PHI	
.000	-.1090
40.000	-.0090

MACH (4) = 1.244 BETAT (3) = -4.080

X/LB	1.039
PHI	
.000	-.0980
40.000	-.0370

MACH (4) = 1.247 BETAT (4) = -2.080

X/LB	1.039
PHI	
.000	-.1170
40.000	-.0770

MACH (4) = 1.245 BETAT (5) = 2.070

X/LB	1.039
PHI	
.000	-.1120
40.000	-.1950

MACH (4) = 1.248 BETAT (6) = 4.120

X/LB	1.039
PHI	
.000	-.1200
40.000	-.2070

MACH (4) = 1.245 BETAT (7) = 6.170

X/LB	1.039
PHI	
.000	-.1150
40.000	-.2420

MACH (4) = 1.245 BETAT (8) = 8.210

X/LB	1.039
PHI	
.000	-.0950
40.000	-.2740

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A

(RBMF05) (28 APR 73)

AMES 11-707 IA9 OEA + S3 + T9 BODY FLAP

REFERENCE DATA

SREF =	2.4210 SQ.FT.	XMRP =	28.5300 INCHES
LREF =	39.8490 INCHES	YMRP =	.0000 INCHES
BREF =	39.8490 INCHES	ZMRP =	.0000 INCHES
SCALE =	.0300 SCALE		

PARAMETRIC DATA

ALPHAT =	-4.000	ORBINC =	.500
RUDDER =	.000	ELEVON =	.000
RUDFLR =	.000		

SECTION (1)BODY FLAP DEPENDENT VARIABLE CP

MACH (1) = .600 BETAT (1) = .020

X/LB	1.039
PHI	
.000	.0470
40.000	-.1520

MACH (1) = .598 BETAT (2) = 4.080

X/LB	1.039
PHI	
.000	.0140
40.000	-.2450

MACH (1) = .599 BETAT (3) = 6.120

X/LB	1.039
PHI	
.000	-.0110
40.000	-.2990

MACH (1) = .599 BETAT (4) = 8.150

X/LB	1.039
PHI	
.000	-.0360
40.000	-.2680

MACH (2) = .903 BETAT (1) = -8.170

X/LB	1.039
PHI	
.000	-.0920
40.000	-.1530

MACH (2) = .901 BETAT (2) = -6.110

X/LB	1.039
PHI	
.000	-.0630
40.000	-.1490

MACH (2) = .902 BETAT (3) = -4.070

X/LB	1.039
PHI	
.000	-.0240
40.000	-.1480

MACH (2) = .901 BETAT (4) = -2.030

X/LB	1.039
PHI	
.000	.0350
40.000	-.1520

AMES 11-707 IA9 C2A + S3 + T9 BODY FLAP (RBMFD5)

SECTION (1)BODY FLAP DEPENDENT VARIABLE CP

MACH (2) = .903 BETAT (5) = 2.070 X/LB 1.039
PHI
.000 -.0400
40.000 -.1750

MACH (2) = .900 BETAT (6) = 4.120 X/LB 1.039
PHI
.000 -.0410
40.000 -.2610

MACH (2) = .904 BETAT (7) = 6.170 X/LB 1.039
PHI
.000 -.0650
40.000 -.3040

MACH (2) = .899 BETAT (8) = 8.230 X/LB 1.039
PHI
.000 -.0780
40.000 -.3020

MACH (3) = 1.100 BETAT (1) = -8.200 X/LB 1.039
PHI
.000 -.0970
40.000 -.1280

MACH (3) = 1.097 BETAT (2) = -6.130 X/LB 1.039
PHI
.000 -.1020
40.000 -.1690

MACH (3) = 1.101 BETAT (3) = -4.080 X/LB 1.039
PHI
.000 -.0950
40.000 -.1760

MACH (3) = 1.099 BETAT (4) = -2.030 X/LB 1.039
PHI
.000 -.1010
40.000 -.1840

MACH (3) = 1.101 BETAT (5) = 2.080 X/LB 1.039
PHI
.000 -.1110
40.000 -.2480

SECTION (1)BODY FLAP DEPENDENT VARIABLE CP

MACH (3) = 1.102 BETAT (6) = 4.140 X/LB 1.039
PHI
.000 -.1100
40.000 -.2520

MACH (3) = 1.100 BETAT (7) = 6.200 X/LB 1.039
PHI
.000 -.1100
40.000 -.3200

MACH (3) = 1.100 BETAT (8) = 8.270 X/LB 1.039
PHI
.000 -.0890
40.000 -.3000

MACH (4) = 1.245 BETAT (1) = -8.150 X/LB 1.039
PHI
.000 -.0980
40.000 .0300

MACH (4) = 1.245 BETAT (2) = -6.110 X/LB 1.039
PHI
.000 -.0810
40.000 .0100

MACH (4) = 1.245 BETAT (3) = -4.060 X/LB 1.039
PHI
.000 -.0880
40.000 -.0180

MACH (4) = 1.246 BETAT (4) = -2.020 X/LB 1.039
PHI
.000 -.1020
40.000 -.0600

MACH (4) = 1.243 BETAT (5) = 2.060 X/LB 1.039
PHI
.000 -.0870
40.000 -.1690

MACH (4) = 1.241 BETAT (6) = 4.120 X/LB 1.039
PHI
.000 -.0950
40.000 -.1960

DATE 25 SEP 73 TABULATED PRESSURE DATA - IA9A (RBMFD5)

AMES 11-707 IA9 O2A + S3 + T9 BODY FLAP

DEPENDENT VARIABLE CP

SECTION (1)BODY FLAP

MACH (4) = 1.244 BETAT (7) = 6.160

X/LB	1.039
PHI	
.000	-.0740
40.000	-.2260

MACH (4) = 1.247 BETAT (8) = 8.210

X/LB	1.039
PHI	
.000	-.0840
40.000	-.2690

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A (RBMFD6) (28 APR 73)

AMES 11-7D7 IA9 O2A + S3 + T9 BODY FLAP

REFERENCE DATA

SREF =	2.4210 SQ.FT.	XMRP =	28.5300 INCHES
LREF =	39.8490 INCHES	YMRP =	.0000 INCHES
BREF =	39.8490 INCHES	ZMRP =	.0000 INCHES
SCALE =	.0300 SCALE		

FARAMETRIC DATA

ALPHAT =	-2.000	ORBINC =	.500
RUDDER =	.000	ELEVON =	.000
RUDFLR =	.000		

SECTION (1)BODY FLAP DEPENDENT VARIABLE CP

MACH (1) = .599 BETAT (1) = -8.050

X/LB	1.039
PHI	
.000	-.0260
40.000	-.137

MACH (1) = .599 BETAT (2) = -6.060

X/LB	1.039
PHI	
.000	.0020
40.000	-.1340

MACH (1) = .598 BETAT (3) = -4.040

X/LB	1.039
PHI	
.000	.0390
40.000	-.1340

MACH (1) = .600 BETAT (4) = -2.000

X/LB	1.039
PHI	
.000	.0510
40.000	-.1410

MACH (1) = .600 BETAT (5) = .020

X/LB	1.039
PHI	
.000	.0390
40.000	-.1550

MACH (1) = .601 BETAT (6) = 2.050

X/LB	1.039
PHI	
.000	.0370
40.000	-.1740

MACH (1) = .601 BETAT (7) = 4.080

X/LB	1.039
PHI	
.000	-.0290
40.000	-.2640

MACH (1) = .599 BETAT (8) = 6.110

X/LB	1.039
PHI	
.000	-.0800
40.000	-.2700

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A (RBMFD6)

AMES 11-707 IA9 02A + S3 + T9 BODY FLAP

SECTION (1)BODY FLAP DEPENDENT VARIABLE CP

MACH (1) = .800 BETAT (9) = 8.140

X/LB	1.039
PHI	
.000	-.0910
40.000	-.2620

MACH (2) = .904 BETAT (1) = -8.180

X/LB	1.039
PHI	
.000	-.0580
40.000	-.1460

MACH (2) = .901 BETAT (2) = -6.130

X/LB	1.039
PHI	
.000	-.0330
40.000	-.1300

MACH (2) = .902 BETAT (3) = -4.070

X/LB	1.039
PHI	
.000	-.0260
40.000	-.1350

MACH (2) = .901 BETAT (4) = -2.030

X/LB	1.039
PHI	
.000	-.0200
40.000	-.1620

MACH (2) = .903 BETAT (5) = 2.080

X/LB	1.039
PHI	
.000	-.0190
40.000	-.1960

MACH (2) = .903 BETAT (6) = 4.130

X/LB	1.039
PHI	
.000	-.0290
40.000	-.2280

MACH (2) = .907 BETAT (7) = 6.180

X/LB	1.039
PHI	
.000	-.0320
40.000	-.2950

MACH (2) = .904 BETAT (8) = 8.230

X/LB	1.039
PHI	
.000	-.0720
40.000	-.2950

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A (RBMFD6)

AMES 11-707 IA9 CBA + S3 + T9 BODY FLAP

SECTION (1)BODY FLAP DEPENDENT VARIABLE CP

MACH (3) = 1.099 BETAT (1) = -8.210

X/LB	1.039
PHI	
.000	-.1000
40.000	-.1130

MACH (3) = 1.100 BETAT (2) = -6.140

X/LB	1.039
PHI	
.000	-.0900
40.000	-.1440

MACH (3) = 1.100 BETAT (3) = -4.080

X/LB	1.039
PHI	
.000	-.0870
40.000	-.1590

MACH (3) = 1.099 BETAT (4) = -2.030

X/LB	1.039
PHI	
.000	-.1030
40.000	-.1590

MACH (3) = 1.101 BETAT (5) = 2.080

X/LB	1.039
PHI	
.000	-.0900
40.000	-.1930

MACH (3) = 1.100 BETAT (6) = 4.130

X/LB	1.039
PHI	
.000	-.0560
40.000	-.2260

MACH (3) = 1.100 BETAT (7) = 6.190

X/LB	1.039
PHI	
.000	-.0790
40.000	-.3030

MACH (3) = 1.101 BETAT (8) = 8.260

X/LB	1.039
PHI	
.000	-.0710
40.000	-.2890

MACH (4) = 1.248 BETAT (1) = -8.160

X/LB	1.039
PHI	
.000	-.0950
40.000	.0440

DATE 20 SEP 73 TABULATED PRESSURE DATA -.IA9A (RBMFD6)

AMES 11-707 IA9 O2A + S3 + T9 BODY FLAP

SECTION (1)BODY FLAP DEPENDENT VARIABLE CP

MACH (4) = 1.248 BETAT (2) = -6.110

X/LB	1.039
PHI	
.000	-.0860
40.000	.0160

MACH (4) = 1.248 BETAT (3) = -4.070

X/LB	1.039
PHI	
.000	-.0790
40.000	-.0160

MACH (4) = 1.246 BETAT (4) = -2.030

X/LB	1.039
PHI	
.000	-.1040
40.000	-.0390

MACH (4) = 1.248 BETAT (5) = 2.070

X/LB	1.039
PHI	
.000	-.0860
40.000	-.1640

MACH (4) = 1.247 BETAT (6) = 4.110

X/LB	1.039
PHI	
.000	-.0660
40.000	-.1800

MACH (4) = 1.248 BETAT (7) = 6.160

X/LB	1.039
PHI	
.000	-.0820
40.000	-.2180

MACH (4) = 1.248 BETAT (8) = 8.200

X/LB	1.039
PHI	
.000	-.1090
40.000	-.2580

AMES 11-707 IA9 OEA + S3 + T9 BODY FLAP (R9MF07) (28 APR 73)

REFERENCE DATA

SREF = 2.4210 SQ.FT. XMRP = 28.5300 INCHES
LREF = 39.8490 INCHES YMRP = .0000 INCHES
BREF = 39.8490 INCHES ZMRP = .0000 INCHES
SCALE = .0300 SCALE

PARAMETRIC DATA

ALPHAT = .000 ORBINC = .500
RUDDER = .000 ELEVON = .000
RUDFLR = .000

SECTION (1)BODY FLAP DEPENDENT VARIABLE CP

MACH (1) = .597 BETAT (1) = -8.100

X/LB	1.039
PHI	
.000	-.0550
40.000	-.1340

MACH (1) = .598 BETAT (2) = -6.080

X/LB	1.039
PHI	
.000	-.0510
40.000	-.1440

MACH (1) = .598 BETAT (3) = -4.050

X/LB	1.039
PHI	
.000	-.0080
40.000	-.1400

MACH (1) = .595 BETAT (4) = -2.020

X/LB	1.039
PHI	
.000	.0120
40.000	-.1440

MACH (1) = .597 BETAT (5) = .020

X/LB	1.039
PHI	
.000	.0120
40.000	-.1480

MACH (1) = .597 BETAT (6) = 2.050

X/LB	1.039
PHI	
.000	-.0310
40.000	-.1720

MACH (1) = .599 BETAT (7) = 4.080

X/LB	1.039
PHI	
.000	-.0670
40.000	-.2130

MACH (1) = .597 BETAT (8) = 6.110

X/LB	1.039
PHI	
.000	-.1130
40.000	-.2720

AMES 11-7D7 IA9 O2A + S3 + T9 BODY FLAP (RBMFD7)

SECTION (1)BODY FLAP DEPENDENT VARIABLE CP

MACH (1) = .597 BETAT (9) = 8.140

X/LB	1.039
PHI	
.000	-.1540
40.000	-.2300

MACH (2) = .900 BETAT (1) = -8.180

X/LB	1.039
PHI	
.000	-.0340
40.000	-.1330

MACH (2) = .899 BETAT (2) = -6.140

X/LB	1.039
PHI	
.000	-.0190
40.000	-.1220

MACH (2) = .899 BETAT (3) = -4.080

X/LB	1.039
PHI	
.000	-.0160
40.000	-.1200

MACH (2) = .901 BETAT (4) = -2.030

X/LB	1.039
PHI	
.000	-.0720
40.000	-.1660

MACH (2) = .901 BETAT (5) = .020

X/LB	1.039
PHI	
.000	.0240
40.000	-.1580

MACH (2) = .901 BETAT (6) = 2.070

X/LB	1.039
PHI	
.000	.0050
40.000	-.1810

MACH (2) = .900 BETAT (7) = 4.120

X/LB	1.039
PHI	
.000	-.0020
40.000	-.2350

MACH (2) = .901 BETAT (8) = 6.180

X/LB	1.039
PHI	
.000	-.0190
40.000	-.2830

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A (RBMF07)

AMES 11-707 IA9 02A + S3 + T9 BODY FLAP

SECTION (1)BODY FLAP DEPENDENT VARIABLE CP

MACH (2) = .951 BETAT (9) = 8.220

X/LB	1.039
PHI	
.000	-.0550
40.000	-.3000

MACH (3) = 1.100 BETAT (1) = -8.210

X/LB	1.039
PHI	
.000	-.1020
40.000	-.1180

MACH (3) = 1.099 BETAT (2) = -6.140

X/LB	1.039
PHI	
.000	-.0910
40.000	-.1370

MACH (3) = 1.098 BETAT (3) = -4.080

X/LB	1.039
PHI	
.000	-.0840
40.000	-.1140

MACH (3) = 1.101 BETAT (4) = -2.030

X/LB	1.039
PHI	
.000	-.0850
40.000	-.1140

MACH (3) = 1.099 BETAT (5) = 2.070

X/LB	1.039
PHI	
.000	-.0180
40.000	-.1790

MACH (3) = 1.100 BETAT (6) = 4.140

X/LB	1.039
PHI	
.000	-.0550
40.000	-.2050

MACH (3) = 1.101 BETAT (7) = 6.200

X/LB	1.039
PHI	
.000	-.0560
40.000	-.3000

MACH (3) = 1.101 BETAT (8) = 8.250

X/LB	1.039
PHI	
.000	-.1620
40.000	-.2860

DATE 20 SEP 73 TABULATED PRESSURE DATA - 1A9A (RBMF07)

AMES 11-707 1A9 (2A + S3 + T9 BODY FLAP

SECTION (1)BODY FLAP DEPENDENT VARIABLE CP

MACH (4) = 1.249 BETAT (1) = -8.160

X/LB	1.039
PHI	
.000	-.0970
40.000	.0540

MACH (4) = 1.248 BETAT (2) = -6.110

X/LB	1.039
PHI	
.000	-.0780
40.000	.0360

MACH (4) = 1.248 BETAT (3) = -4.080

X/LB	1.039
PHI	
.000	-.0760
40.000	.0010

MACH (4) = 1.247 BETAT (4) = -2.030

X/LB	1.039
PHI	
.000	-.0910
40.000	-.0230

MACH (4) = 1.247 BETAT (5) = 2.080

X/LB	1.039
PHI	
.000	-.0630
40.000	-.1370

MACH (4) = 1.245 BETAT (6) = 4.100

X/LB	1.039
PHI	
.000	-.0530
40.000	-.1650

MACH (4) = 1.246 BETAT (7) = 6.150

X/LB	1.039
PHI	
.000	-.0760
40.000	-.1940

MACH (4) = 1.247 BETAT (8) = 8.190

X/LB	1.039
PHI	
.000	-.0870
40.000	-.2520

MACH (5) = 1.395 BETAT (1) = -8.180

X/LB	1.039
PHI	
.000	-.0780
40.000	-.1130

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A (RBMF07)

AMES 11-7D7 IA9 02A + S3 + T9 BODY FLAP

SECTION (1)BODY FLAP DEPENDENT VARIABLE CP

MACH (5) = 1.395 BETAT (2) = -6.120

X/LB	1.039
PHI	
.000	-.0920
40.000	-.0970

MACH (5) = 1.397 BETAT (3) = -4.080

X/LB	1.039
PHI	
.000	-.1030
40.000	-.1230

MACH (5) = 1.396 BETAT (4) = .020

X/LB	1.039
PHI	
.000	-.0720
40.000	-.1420

MACH (5) = 1.394 BETAT (5) = 4.110

X/LB	1.039
PHI	
.000	-.0650
40.000	-.1820

MACH (5) = 1.392 BETAT (6) = 8.210

X/LB	1.039
PHI	
.000	-.0490
40.000	-.2120

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A (RBMF08) (28 APR 73)

AMES 11-707 IA9 C2A + S3 + T9 BODY FLAP

REFERENCE DATA

SREF =	2.4210 SQ.FT.	XMRP =	28.5300 INCHES
LREF =	39.8490 INCHES	YMRP =	.0000 INCHES
BREF =	39.8490 INCHES	ZMRP =	.0000 INCHES
SCALE =	.0300 SCALE		

PARAMETRIC DATA

ALPHAT =	2.000	ORBINC =	.500
RUDDER =	.000	ELEVON =	.000
RUDFLR =	.000		

SECTION (1)BODY FLAP

DEPENDENT VARIABLE CP

MACH (1) = .599 BETAT (1) = -8.090

X/LB	1.039
PHI	
.000	-.0410
40.000	-.1240

MACH (1) = .598 BETAT (2) = -6.080

X/LB	1.039
PHI	
.000	-.0200
40.000	-.1340

MACH (1) = .596 BETAT (3) = -4.040

X/LB	1.039
PHI	
.000	.0100
40.000	-.1360

MACH (1) = .597 BETAT (4) = -2.010

X/LB	1.039
PHI	
.000	-.0050
40.000	-.1370

MACH (1) = .598 BETAT (5) = .020

X/LB	1.039
PHI	
.000	-.0280
40.000	-.1390

MACH (1) = .599 BETAT (6) = 2.050

X/LB	1.039
PHI	
.000	-.0610
40.000	-.1640

MACH (1) = .598 BETAT (7) = 4.080

X/LB	1.039
PHI	
.000	-.0950
40.000	-.2180

MACH (1) = .598 BETAT (8) = 6.110

X/LB	1.039
PHI	
.000	-.1470
40.000	-.2450

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A (RBMFD8)

AMES 11-707 IA9 02A + S3 + T9 BODY FLAP

SECTION (1)BODY FLAP DEPENDENT VARIABLE CP

MACH (1) = .599 BETAT (9) = 8.140

X/LB	1.039
PHI	
.000	-.1590
40.000	-.2020

MACH (2) = .902 BETAT (1) = -8.180

X/LB	1.039
PHI	
.000	-.0490
40.000	-.1370

MACH (2) = .901 BETAT (2) = -6.130

X/LB	1.039
PHI	
.000	-.0370
40.000	-.1270

MACH (2) = .899 BETAT (3) = -4.090

X/LB	1.039
PHI	
.000	-.0140
40.000	-.1250

MACH (2) = .900 BETAT (4) = -2.050

X/LB	1.039
PHI	
.000	-.0790
40.000	-.1720

MACH (2) = .902 BETAT (5) = 2.070

X/LB	1.039
PHI	
.000	-.0590
40.000	-.1650

MACH (2) = .903 BETAT (6) = 4.120

X/LB	1.039
PHI	
.000	-.0210
40.000	-.2350

MACH (2) = .904 BETAT (7) = 6.180

X/LB	1.039
PHI	
.000	-.0170
40.000	-.2870

MACH (2) = .901 BETAT (8) = 8.230

X/LB	1.039
PHI	
.000	-.0370
40.000	-.2860

DATE 2[illegible] SEP 73 TABULATED PRESSURE DATA - IA9A (RBM[illegible]8)

AMES 11-707 IA9 C2A + S3 + T9 BODY FLAP

SECTION (1)BODY FLAP DEPENDENT VARIABLE CP

MACH (3) = 1.099 BETAT (1) = -8.200

X/LB	1.039
PHI	
.000	-.0930
40.000	-.1090

MACH (3) = 1.100 BETAT (2) = -6.150

X/LB	1.039
PHI	
.000	-.0940
40.000	-.0980

MACH (3) = 1.100 BETAT (3) = -4.090

X/LB	1.039
PHI	
.000	-.0860
40.000	-.0900

MACH (3) = 1.099 BETAT (4) = -2.030

X/LB	1.039
PHI	
.000	-.0870
40.000	-.1100

MACH (3) = 1.100 BETAT (5) = 2.060

X/LB	1.039
PHI	
.000	-.0350
40.000	-.1540

MACH (3) = 1.097 BETAT (6) = 4.130

X/LB	1.039
PHI	
.000	-.0520
40.000	-.1790

MACH (3) = 1.100 BETAT (7) = 6.180

X/LB	1.039
PHI	
.000	-.0620
40.000	-.2670

MACH (3) = 1.101 BETAT (8) = 8.250

X/LB	1.039
PHI	
.000	-.0820
40.000	-.2760

MACH (4) = 1.246 BETAT (1) = -8.160

X/LB	1.039
PHI	
.000	-.0950
40.000	.0640

AMES 11-707 IA9 02A + S5 + T9 BODY FLAP (RBMFD8)

SECTION (1)BODY FLAP DEPENDENT VARIABLE CP

MACH (4) = 1.250 BETAT (2) = -6.110

X/LB	1.039
PHI	
.000	-.0830
40.000	.0480

MACH (4) = 1.249 BETAT (3) = -4.070

X/LB	1.039
PHI	
.000	-.0760
40.000	.0180

MACH (4) = 1.248 BETAT (4) = -2.030

X/LB	1.039
PHI	
.000	-.0740
40.000	-.0030

MACH (4) = 1.248 BETAT (5) = 2.060

X/LB	1.039
PHI	
.000	-.0600
40.000	-.1450

MACH (4) = 1.248 BETAT (6) = 4.110

X/LB	1.039
PHI	
.000	-.0710
40.000	-.1570

MACH (4) = 1.247 BETAT (7) = 6.150

X/LB	1.039
PHI	
.000	-.0790
40.000	-.1890

MACH (4) = 1.245 BETAT (8) = 8.200

X/LB	1.039
PHI	
.000	-.0920
40.000	-.2440

AMES 11-7X7 IA9 O2A + S3 + T9 BODY FLAP (RBMF09) (28 APR 73)

REFERENCE DATA

SREF =	2.4210	SQ.FT.	XMRP =	28.5300	INCHES
LREF =	39.8490	INCHES	YMRP =	.0000	INCHES
BREF =	39.8490	INCHES	ZMRP =	.0000	INCHES
SCALE =	.0300	SCALE			

PARAMETRIC DATA

ALPHAT =	4.000	ORBINC =	.500
RUDDER =	.000	ELEVON =	.000
RUDFLR =	.004		

SECTION (1)BODY FLAP DEPENDENT VARIABLE CP

MACH (1) = .598 BETAT (1) = -8.090

X/LB	1.039
PHI	
.000	-.0090
40.000	-.1070

MACH (1) = .597 BETAT (2) = -6.060

X/LB	1.039
PHI	
.000	-.0360
40.000	-.1160

MACH (1) = .598 BETAT (3) = -4.030

X/LB	1.039
PHI	
.000	-.0060
40.000	-.1300

MACH (1) = .598 BETAT (4) = -2.010

X/LB	1.039
PHI	
.000	-.0290
40.000	-.1480

MACH (1) = .596 BETAT (5) = .020

X/LB	1.039
PHI	
.000	-.0580
40.000	-.1360

MACH (1) = .598 BETAT (6) = 2.050

X/LB	1.039
PHI	
.000	-.0470
40.000	-.1480

MACH (1) = .597 BETAT (7) = 4.080

X/LB	1.039
PHI	
.000	-.0970
40.000	-.1930

MACH (1) = .597 BETAT (8) = 6.120

X/LB	1.039
PHI	
.000	-.1110
40.000	-.2450

AMES 11-7FT IA9 O2A + S3 + T9 BODY FLAP (R3MF09)

SECTION (1)BODY FLAP DEPENDENT VARIABLE CP

MACH (1) = .998 BETAT (9) = 8.150

X/LB	1.039
PHI	
.000	-.1480
40.000	-.2250

MACH (2) = .899 BETAT (1) = -8.170

X/LB	1.039
PHI	
.000	-.0470
40.000	-.1250

MACH (2) = .907 BETAT (2) = -6.120

X/LB	1.039
PHI	
.000	-.0280
40.000	-.1210

MACH (2) = .901 BETAT (3) = -4.080

X/LB	1.039
PHI	
.000	-.0290
40.000	-.1250

MACH (2) = .899 BETAT (4) = -2.030

X/LB	1.039
PHI	
.000	-.0520
40.000	-.1620

MACH (2) = .903 BETAT (5) = 2.070

X/LB	1.039
PHI	
.000	-.0740
40.000	-.1610

MACH (2) = .901 BETAT (6) = 4.130

X/LB	1.039
PHI	
.000	-.0170
40.000	-.1980

MACH (2) = .900 BETAT (7) = 6.180

X/LB	1.039
PHI	
.000	-.0160
40.000	-.2720

MACH (2) = .900 BETAT (8) = 8.240

X/LB	1.039
PHI	
.000	-.0550
40.000	-.2760

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A (RBMF09)

AMES 11-707 IA9 CBA + S3 + T9 BODY FLAP

SECTION (1)BODY FLAP DEPENDENT VARIABLE CP

MACH (3) = 1.103 BETAT (1) = -8.190

X/LB	1.039
PHI	
.000	-.0700
40.000	-.0920

MACH (3) = 1.100 BETAT (2) = -6.140

X/LB	1.039
PHI	
.000	-.0780
40.000	-.1010

MACH (3) = 1.103 BETAT (3) = -4.080

X/LB	1.039
PHI	
.000	-.0940
40.000	-.0980

MACH (3) = 1.103 BETAT (4) = -2.030

X/LB	1.039
PHI	
.000	-.0920
40.000	-.1070

MACH (3) = 1.103 BETAT (5) = 2.080

X/LB	1.039
PHI	
.000	-.0530
40.000	-.1570

MACH (3) = 1.103 BETAT (6) = 4.140

X/LB	1.039
PHI	
.000	-.0560
40.000	-.1750

MACH (3) = 1.101 BETAT (7) = 6.210

X/LB	1.039
PHI	
.000	-.0720
40.000	-.2440

MACH (3) = 1.104 BETAT (8) = 8.260

X/LB	1.039
PHI	
.000	-.0720
40.000	-.2620

MACH (4) = 1.246 BETAT (1) = -8.190

X/LB	1.039
PHI	
.000	-.0650
40.000	.0630

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A (RBMFD9)

AMES 11-7D7 IA9 O2A + S3 + T9 BODY FLAP

SECTION (1)BODY FLAP DEPENDENT VARIABLE CP

MACH (4) = 1.248 BETAT (2) = -6.110

X/LB	1.039
PHI	
.000	-.0710
40.000	.0350

MACH (4) = 1.249 BETAT (3) = -4.060

X/LB	1.039
PHI	
.000	-.0740
40.000	.0320

MACH (4) = 1.248 BETAT (4) = -2.020

X/LB	1.039
PHI	
.000	-.0620
40.000	-.0050

MACH (4) = 1.249 BETAT (5) = 2.070

X/LB	1.039
PHI	
.000	-.0770
40.000	-.1500

MACH (4) = 1.249 BETAT (6) = 4.110

X/LB	1.039
PHI	
.000	-.0660
40.000	-.1600

MACH (4) = 1.249 BETAT (7) = 6.170

X/LB	1.039
PHI	
.000	-.0640
40.000	-.1810

MACH (4) = 1.248 BETAT (8) = 8.210

X/LB	1.039
PHI	
.000	-.0630
40.000	-.2410

DATE 20 SEP 73

TABULATED PRESSURE DATA - IA9A

(RBMF10) (20 APR 73)

AMES 11-7D7 IA9 O2A + S3 + T9 BODY FLAP

REFERENCE DATA

SREF =	2.4210 SQ.FT.	XMRP =	28.5300 INCHES
LREF =	39.8490 INCHES	YMRP =	.0000 INCHES
BREF =	39.8490 INCHES	ZMRP =	.0000 INCHES
SCALE =	.0300 SCALE		

PARAMETRIC DATA

ALPHAT =	6.000	ORBINC =	.500
RUDDER =	.000	ELEVON =	.000
RUDFLR =	.000		

SECTION (1)BODY FLAP

DEPENDENT VARIABLE CP

MACH (1) = .997 BETAT (1) = -8.070

X/LB	1.039
PHI	
.000	-.1000
40.000	-.1120

MACH (1) = .998 BETAT (2) = -6.050

X/LB	1.039
PHI	
.000	-.0720
40.000	-.1160

MACH (1) = .997 BETAT (3) = -4.030

X/LB	1.039
PHI	
.000	-.0490
40.000	-.1260

MACH (1) = .997 BETAT (4) = -2.000

X/LB	1.039
PHI	
.000	-.0220
40.000	-.1340

MACH (1) = .998 BETAT (5) = .020

X/LB	1.039
PHI	
.000	-.0280
40.000	-.1450

MACH (1) = .998 BETAT (6) = 2.060

X/LB	1.039
PHI	
.000	-.0540
40.000	-.1510

MACH (1) = .997 BETAT (7) = 4.090

X/LB	1.039
PHI	
.000	-.1330
40.000	-.1800

MACH (1) = .998 BETAT (8) = 6.130

X/LB	1.039
PHI	
.000	-.1580
40.000	-.2300

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A (RBMF10)

AMES 11-7FT IA9 C2A + S3 + T9 BODY FLAP

SECTION (1)BODY FLAP DEPENDENT VARIABLE CP

MACH (1) = .596 BETAT (9) = 8.170

X/LB	1.039
PHI	
.000	-.1490
40.000	-.2000

MACH (2) = .901 BETAT (1) = -8.160

X/LB	1.039
PHI	
.000	-.0600
40.000	-.1320

MACH (2) = .900 BETAT (2) = -6.110

X/LB	1.039
PHI	
.000	-.0280
40.000	-.1200

MACH (2) = .903 BETAT (3) = -4.070

X/LB	1.039
PHI	
.000	-.0290
40.000	-.1300

MACH (2) = .902 BETAT (4) = -2.030

X/LB	1.039
PHI	
.000	-.0640
40.000	-.1330

MACH (2) = .902 BETAT (5) = 2.060

X/LB	1.039
PHI	
.000	-.0900
40.000	-.1630

MACH (2) = .901 BETAT (6) = 4.130

X/LB	1.039
PHI	
.000	-.0220
40.000	-.1960

MACH (2) = .901 BETAT (7) = 6.200

X/LB	1.039
PHI	
.000	-.0350
40.000	-.2540

MACH (2) = .900 BETAT (8) = 8.260

X/LB	1.039
PHI	
.000	-.0620
40.000	-.2530

AMES 11-7D7 1A9 C2A + S3 + T9 BODY FLAP (RBMF1D)

SECTION (1)BODY FLAP DEPENDENT VARIABLE CP

MACH (3) = 1.103 BETAT (1) = -8.180

X/LB	1.039
PHI	
.000	-.0640
40.000	-.0860

MACH (3) = 1.103 BETAT (2) = -6.130

X/LB	1.039
PHI	
.000	-.0740
40.000	-.1000

MACH (3) = 1.102 BETAT (3) = -4.080

X/LB	1.039
PHI	
.000	-.0800
40.000	-.1030

MACH (3) = 1.102 BETAT (4) = -2.080

X/LB	1.039
PHI	
.000	-.0960
40.000	-.0990

MACH (3) = 1.102 BETAT (5) = 2.080

X/LB	1.039
PHI	
.000	-.0770
40.000	-.1530

MACH (3) = 1.102 BETAT (6) = 4.140

X/LB	1.039
PHI	
.000	-.0660
40.000	-.1720

MACH (3) = 1.100 BETAT (7) = 6.210

X/LB	1.039
PHI	
.000	-.0560
40.000	-.2060

MACH (3) = 1.106 BETAT (8) = 8.280

X/LB	1.039
PHI	
.000	-.0580
40.000	-.2260

MACH (4) = 1.246 BETAT (1) = -8.140

X/LB	1.039
PHI	
.000	-.0540
40.000	.0490

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A (RBMF10)

AMES 11-707 IA9 O2A + S3 + T9 BODY FLAP

SECTION (1)BODY FLAP DEPENDENT VARIABLE CP

MACH (4) = 1.248 BETAT (2) = -6.080

X/LB	1.039
PHI	
.000	-.0440
40.000	.0090

MACH (4) = 1.250 BETAT (3) = -4.050

X/LB	1.039
PHI	
.000	-.0730
40.000	-.0100

MACH (4) = 1.249 BETAT (4) = -2.020

X/LB	1.039
PHI	
.000	-.0730
40.000	-.0330

MACH (4) = 1.245 BETAT (5) = 2.070

X/LB	1.039
PHI	
.000	-.078[illegible]
40.000	-.14[illegible]

MACH (4) = 1.247 BETAT (6) = 4.120

X/LB	1.039
PHI	
.000	-.0610
40.000	-.1590

MACH (4) = 1.246 BETAT (7) = 6.160

X/LB	1.039
PHI	
.000	-.0500
40.000	-.1720

MACH (4) = 1.247 BETAT (8) = 8.220

X/LB	1.039
PHI	
.000	-.0550
40.000	-.2260

DATE 20 SEP 73

TABULATED PRESSURE DATA - IA9A

AMES 11-7D7 IA9 02A + S3 + T9 BODY FLAP

(RBMF11) (28 APR 73)

REFERENCE DATA

SREF =	2.4210 SQ.FT.	XMRP =	28.5300 INCHES
LREF =	39.8490 INCHES	YMRP =	.0000 INCHES
BREF =	39.8490 INCHES	ZMRP =	.0000 INCHES
SCALE =	.0300 SCALE		

PARAMETRIC DATA

ALPHAT =	8.000	ORBINC =	.500
RUDDER =	.000	ELEVON =	.000
RUDFLR =	.000		

SECTION (1)BODY FLAP

DEPENDENT VARIABLE CP

MACH (1) = .599 BETAT (1) = -8.040

X/LB	1.039
PHI	
.000	-.0890
40.000	-.1020

MACH (1) = .597 BETAT (2) = -6.030

X/LB	1.039
PHI	
.000	-.1150
40.000	-.1150

MACH (1) = .597 BETAT (3) = -4.010

X/LB	1.039
PHI	
.000	-.0660
40.000	-.1190

MACH (1) = .599 BETAT (4) = -2.000

X/LB	1.039
PHI	
.000	-.0410
40.000	-.1260

MACH (1) = .600 BETAT (5) = .020

X/LB	1.039
PHI	
.000	-.0480
40.000	-.1290

MACH (1) = .598 BETAT (6) = 2.060

X/LB	1.039
PHI	
.000	-.0840
40.000	-.1360

MACH (1) = .597 BETAT (7) = 3.080

X/LB	1.039
PHI	
.000	-.1210
40.000	-.1490

MACH (1) = .600 BETAT (8) = 4.100

X/LB	1.039
PHI	
.000	-.1520
40.000	-.1680

DATE 25 SEP 75 TABULATED PRESSURE DATA - IA9A (RBMF11)

AMES 11-707 IA9 O2A + S3 + T9 BODY FLAP

SECTION (1)BODY FLAP DEPENDENT VARIABLE CP

MACH (1) = .801 BETAT (9) = 6.150

X/LB	1.039
PHI	
.000	-.1350
40.000	-.2070

MACH (1) = .800 BETAT (10) = 8.190

X/LB	1.039
PHI	
.000	-.0920
40.000	-.2100

MACH (2) = .900 BETAT (1) = -8.140

X/LB	1.039
PHI	
.000	-.0630
40.000	-.1300

MACH (2) = .903 BETAT (2) = -6.090

X/LB	1.039
PHI	
.000	-.0510
40.000	-.1240

MACH (2) = .903 BETAT (3) = -4.060

X/LB	1.039
PHI	
.000	-.0390
40.000	-.1180

MACH (2) = .901 BETAT (4) = -2.020

X/LB	1.039
PHI	
.000	-.0570
40.000	-.1380

MACH (2) = .901 BETAT (5) = 2.080

X/LB	1.039
PHI	
.000	-.0480
40.000	-.1520

MACH (2) = .900 BETAT (6) = 4.150

X/LB	1.039
PHI	
.000	-.0380
40.000	-.1870

MACH (2) = .902 BETAT (7) = 6.210

X/LB	1.039
PHI	
.000	-.0440
40.000	-.2380

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A (RBMF11)

AMES 11-707 IA9 O2A + S3 + T9 BODY FLAP

SECTION (1)BODY FLAP DEPENDENT VARIABLE CP

MACH (2) = .900 BETAT (8) = 8.280

X/LB	1.039
PHI	
.000	-.0530
40.000	-.2590

MACH (3) = 1.103 BETAT (1) = -8.150

X/LB	1.039
PHI	
.000	-.0620
40.000	-.0840

MACH (3) = 1.098 BETAT (2) = -6.110

X/LB	1.039
PHI	
.000	-.0640
40.000	-.0980

MACH (3) = 1.102 BETAT (3) = -4.070

X/LB	1.039
PHI	
.000	-.0820
40.000	-.1080

MACH (3) = 1.101 BETAT (4) = -2.030

X/LB	1.039
PHI	
.000	-.0930
40.000	-.1060

MACH (3) = 1.101 BETAT (5) = 2.090

X/LB	1.039
PHI	
.000	-.0780
40.000	- 580

MACH (3) = 1.103 BETAT (6) = 4.150

X/LB	1.039
PHI	
.000	-.0670
40.000	-.1790

MACH (3) = 1.100 BETAT (7) = 6.230

X/LB	1.039
PHI	
.000	-.0690
40.000	-.1090

MACH (3) = 1.100 BETAT (8) = 8.310

X/LB	1.039
PHI	
.000	-.0730
40.000	-.2460

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A (RBMF11)

AMES 11-707 IA9 C2A + S3 + T9 BODY FLAP

SECTION (1)BODY FLAP DEPENDENT VARIABLE CP

MACH (4) = 1.245 BETAT (1) = -8.110

X/LB	1.039
PHI	
.000	-.0480
40.000	.0420

MACH (4) = 1.249 BETAT (2) = -6.070

X/LB	1.039
PHI	
.000	-.0460
40.000	.0160

MACH (4) = 1.249 BETAT (3) = -4.040

X/LB	1.039
PHI	
.000	-.0550
40.000	-.0450

MACH (4) = 1.248 BETAT (4) = -2.020

X/LB	1.039
PHI	
.000	-.0620
40.000	-.0760

MACH (4) = 1.246 BETAT (5) = 2.080

X/LB	1.039
PHI	
.000	-.0650
40.000	-.1210

MACH (4) = 1.247 BETAT (6) = 4.130

X/LB	1.039
PHI	
.000	-.0500
40.000	-.1470

MACH (4) = 1.246 BETAT (7) = 6.180

X/LB	1.039
PHI	
.000	-.0440
40.000	-.1600

MACH (4) = 1.247 BETAT (8) = 8.250

X/LB	1.039
PHI	
.000	-.0340
40.000	-.1770

DATE 26 SEP 73 TABULATED PRESSURE DATA - IA9A (RBMF12) (28 APR 73)

AMES 11-7D7 IA9 O2A + S3 + T9 BODY FLAP

REFERENCE DATA

SREF = 2.4210 SQ.FT. XMRP = 28.5300 INCHES
LREF = 39.8490 INCHES YMRP = .0000 INCHES
BREF = 39.8490 INCHES ZMRP = .0000 INCHES
SCALE = .0300 SCALE

PARAMETRIC DATA

ALPHAT = -8.000 ORBINC = .500
RUDDER = -5.000 ELEVON = .000
RUDFLR = .000

SECTION (1)BODY FLAP DEPENDENT VARIABLE CP

MACH (1) = 1.101 BETAT (1) = -8.170

X/LB	1.039
PHI	
.000	-.1630
40.000	-.1920

MACH (1) = 1.100 BETAT (2) = -4.070

X/LB	1.039
PHI	
.000	-.1370
40.000	-.2370

MACH (1) = 1.097 BETAT (3) = .020

X/LB	1.039
PHI	
.000	-.1280
40.000	-.2400

MACH (1) = 1.099 BETAT (4) = 4.160

X/LB	1.039
PHI	
.000	-.1400
40.000	-.2760

MACH (1) = 1.105 BETAT (5) = 8.300

X/LB	1.039
PHI	
.000	-.1910
40.000	-.2960

MACH (2) = 1.250 BETAT (1) = -8.120

X/LB	1.039
PHI	
.000	-.1430
40.000	.0060

MACH (2) = 1.251 BETAT (2) = -4.050

X/LB	1.039
PHI	
.000	-.1290
40.000	-.0450

MACH (2) = 1.246 BETAT (3) = .020

X/LB	1.039
PHI	
.000	-.1390
40.000	-.1750

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A (RBMF12)

AMES 11-7FT IA9 C2A + S3 + T9 BODY FLAP

SECTION (1)BODY FLAP DEPENDENT VARIABLE CP

MACH (2) = 1.245 BETAT (4) = 4.130

X/LB	1.039
PHI	
.000	-.1440
40.000	-.2320

MACH (2) = 1.247 BETAT (5) = 8.250

X/LB	1.039
PHI	
.000	-.1880
40.000	-.3010

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A (RBMF13) (28 APR 73)

AMES 11-707 IA9 O2A + S3 + T9 BODY FLAP

PARAMETRIC DATA

ALPHAT = -6.000 ORBINC = .500
RUDDER = -5.000 ELEVON = .000
RUDFLR = .000

REFERENCE DATA

SREF = 2.4210 SQ.FT. XMRP = 28.5300 INCHES
LREF = 39.9490 INCHES YMRP = .0000 INCHES
BREF = 39.8490 INCHES ZMRP = .0000 INCHES
SCALE = .0300 SCALE

SECTION (1)BODY FLAP DEPENDENT VARIABLE CP

MACH (1) = 1.102 BETAT (1) = -8.180

X/LB	1.039
PHI	
.000	-.1400
40.000	-.1750

MACH (1) = 1.098 BETAT (2) = -4.080

X/LB	1.039
PHI	
.000	-.1280
40.000	-.2150

MACH (1) = 1.101 BETAT (3) = .020

X/LB	1.039
PHI	
.000	-.1040
40.000	-.2310

MACH (1) = 1.097 BETAT (4) = 4.140

X/LB	1.039
PHI	
.000	-.1470
40.000	-.2710

MACH (1) = 1.102 BETAT (5) = 8.290

X/LB	1.039
PHI	
.000	-.1810
40.000	-.2770

MACH (2) = 1.245 BETAT (1) = -8.130

X/LB	1.039
PHI	
.000	-.1120
40.000	.0060

MACH (2) = 1.251 BETAT (2) = -4.060

X/LB	1.039
PHI	
.000	-.1180
40.000	-.0520

MACH (2) = 1.246 BETAT (3) = .020

X/LB	1.039
PHI	
.000	-.1220
40.000	-.1710

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A (RBMF13)

AMES 11-707 IA9 02A + S3 + T9 BODY FLAP

SECTION (1)BODY FLAP DEPENDENT VARIABLE CP

MACH (2) = 1.249 BETAT (4) = 4.120

X/LB	1.039
PHI	
.000	-.1300
40.000	-.2250

MACH (2) = 1.247 BETAT (5) = 8.230

X/LB	1.039
PHI	
.000	-.1370
40.000	-.2840

DATE 20 SEP 73

TABULATED PRESSURE DATA - IA9A

(RBMF14) (28 APR 73)

AMES 11-707 IA9 OEA + S3 + T9 BODY FLAP

REFERENCE DATA

SREF =	2.4210 SQ.FT.	XMRP =	28.5300 INCHES
LREF =	39.8490 INCHES	YMRP =	.0000 INCHES
BREF =	39.8490 INCHES	ZMRP =	.0000 INCHES
SCALE =	.0300 SCALE		

PARAMETRIC DATA

ALPHAT =	-4.000	ORBINC =	.500
RUDDER =	-5.000	ELEVON =	.000
RUDFLR =	.000		

SECTION (1)BODY FLAP

DEPENDENT VARIABLE CP

MACH (1) = 1.098 BETAT (1) = -8.190

X/LB	1.039
PHI	
.000	-.1000
40.000	-.1250

MACH (1) = 1.101 BETAT (2) = -4.080

X/LB	1.039
PHI	
.000	-.0980
40.000	-.1790

MACH (1) = 1.099 BETAT (3) = .020

X/LB	1.039
PHI	
.000	-.0850
40.000	-.2130

MACH (1) = 1.103 BETAT (4) = 4.130

X/LB	1.039
PHI	
.000	-.1110
40.000	-.2460

MACH (1) = 1.099 BETAT (5) = 8.260

X/LB	1.039
PHI	
.000	-.1080
40.000	-.2690

MACH (2) = 1.246 BETAT (1) = -8.140

X/LB	1.039
PHI	
.000	-.1050
40.000	.0220

MACH (2) = 1.244 BETAT (2) = -4.060

X/LB	1.039
PHI	
.000	-.1040
40.000	-.0370

MACH (2) = 1.247 BETAT (3) = .020

X/LB	1.039
PHI	
.000	-.0920
40.000	-.1540

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A (RONF14)

AMES 11-707 IA9 OEA + S3 + T9 BODY FLAP

SECTION (1)BODY FLAP DEPENDENT VARIABLE CP

MACH (2) = 1.245 BETAT (4) = 4.110

X/LB	1.039
PHI	
.000	-.0920
40.000	-.1580

MACH (2) = 1.250 BETAT (5) = 8.210

X/LB	1.039
PHI	
.000	-.1230
40.000	-.2760

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A (RBMF15) (28 APR 73)

AMES 11-707 IA9 C2A + S3 + T9 BODY FLAP

REFERENCE DATA

SREF =	2.4210 SQ.FT.	XMRP =	28.5300 INCHES
LREF =	39.8490 INCHES	YMRP =	.0000 INCHES
BREF =	39.8490 INCHES	ZMRP =	.0000 INCHES
SCALE =	.0300 SCALE		

PARAMETRIC DATA

ALPHAT =	-2.000	ORBINC =	.500
RUDDER =	-5.000	ELEVON =	.000
RUDFLR =	.000		

SECTION (1)BODY FLAP — DEPENDENT VARIABLE CP

MACH (1) = 1.151 BETAT (1) = -8.200

X/LB	1.039
PHI	
.000	-.0980
40.000	-.1150

MACH (1) = 1.198 BETAT (2) = -4.080

X/LB	1.039
PHI	
.000	-.0800
40.000	-.1530

MACH (1) = 1.108 BETAT (3) = .090

X/LB	1.039
PHI	
.000	-.0760
40.000	-.1970

MACH (1) = 1.097 BETAT (4) = 4.140

X/LB	1.039
PHI	
.000	-.0580
40.000	-.2280

MACH (1) = 1.100 BETAT (5) = 8.250

X/LB	1.039
PHI	
.000	-.0860
40.000	-.2680

MACH (2) = 1.245 BETAT (1) = -8.150

X/LB	1.039
PHI	
.000	-.0970
40.000	.0320

MACH (2) = 1.249 BETAT (2) = -4.070

X/LB	1.039
PHI	
.000	-.0990
40.000	-.0230

MACH (2) = 1.247 BETAT (3) = .020

X/LB	1.039
PHI	
.000	-.0790
40.000	-.1200

AMES 11-707 IA9 C2A + S3 + T9 BODY FLAP (RBMF15)

SECTION (1)BODY FLAP DEPENDENT VARIABLE CP

MACH (2) = 1.247 BETAT (4) = 4.110

X/LB	1.039
PHI	
.000	-.0600
40.000	-.1900

MACH (2) = 1.248 BETAT (5) = 8.200

X/LB	1.039
PHI	
.000	-.1170
40.000	-.2[illegible]0

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A (RBMF16) (28 APR 73)

AMES 11-707 IA9 C2A + S3 + T9 BODY FLAP

REFERENCE DATA

SREF =	2.4210 SQ.FT.	XMRP =	28.5300 INCHES
LREF =	39.8490 INCHES	YMRP =	.0000 INCHES
BREF =	39.8490 INCHES	ZMRP =	.0000 INCHES
SCALE =	.0300 SCALE		

PARAMETRIC DATA

ALPHAT =	.000	ORBINC =	.500
RUDDER =	-5.000	ELEVON =	.000
RUDFLR =	.000		

SECTION (1)BODY FLAP DEPENDENT VARIABLE CP

MACH (1) = 1.101 BETAT (1) = -8.210

X/LB	1.039
PHI	
.000	-.1030
40.000	-.1170

MACH (1) = 1.098 BETAT (2) = -4.080

X/LB	1.039
PHI	
.000	-.0980
40.000	-.1200

MACH (1) = 1.100 BETAT (3) = .020

X/LB	1.039
PHI	
.000	-.0840
40.000	-.1710

MACH (1) = 1.100 BETAT (4) = 4.130

X/LB	1.039
PHI	
.000	-.0540
40.000	-.2070

MACH (1) = 1.099 BETAT (5) = 8.250

X/LB	1.039
PHI	
.000	-.0840
40.000	-.2510

MACH (2) = 1.247 BETAT (1) = -8.150

X/LB	1.039
PHI	
.000	-.1110
40.000	.0480

MACH (2) = 1.249 BETAT (2) = -4.070

X/LB	1.039
PHI	
.000	-.0900
40.000	-.0660

MACH (2) = 1.247 BETAT (3) = .020

X/LB	1.039
PHI	
.000	-.0660
40.000	-.0970

AMES 11-707 IA9 OEA + S3 + T9 BODY FLAP (RBMF16)

SECTION (1)BODY FLAP DEPENDENT VARIABLE CP

MACH (2) = 1.244 BETAT (4) = 4.110

X/LB	1.039
PHI	
.000	-.0600
40.000	-.1840

MACH (2) = 1.244 BETAT (5) = 8.200

X/LB	1.039
PHI	
.000	-.1210
40.000	-.2520

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A

AMES 11-707 IA9 O2A + S3 + T9 BODY FLAP (RBMF17) (28 APR 73)

REFERENCE DATA

SREF =	2.4210 SQ.FT.	XMRP =	28.5300 INCHES
LREF =	39.8490 INCHES	YMRP =	.0000 INCHES
BREF =	39.8490 INCHES	ZMRP =	.0000 INCHES
SCALE =	.0300 SCALE		

PARAMETRIC DATA

ALPHAT =	2.000	ORBINC =	.500
RUDDER =	-5.000	ELEVON =	.000
RUDFLR =	.000		

SECTION (1)BODY FLAP DEPENDENT VARIABLE CP

MACH (1) = 1.102 BETAT (1) = -8.200

X/LB	1.039
PHI	
.000	-.0850
40.000	-.1130

MACH (1) = 1.099 BETAT (2) = -4.080

X/LB	1.039
PHI	
.000	-.0930
40.000	-.0950

MACH (1) = 1.102 BETAT (3) = .080

X/LB	1.039
PHI	
.000	-.0560
40.000	-.1390

MACH (1) = 1.100 BETAT (4) = 4.130

X/LB	1.039
PHI	
.000	-.0610
40.000	-.1930

MACH (1) = 1.099 BETAT (5) = 8.250

X/LB	1.039
PHI	
.000	-.0900
40.000	-.2700

MACH (2) = 1.244 BETAT (1) = -8.150

X/LB	1.039
PHI	
.000	-.1140
40.000	.0520

MACH (2) = 1.251 BETAT (2) = -4.060

X/LB	1.039
PHI	
.000	-.0960
40.000	.0090

MACH (2) = 1.248 BETAT (3) = .020

X/LB	1.039
PHI	
.000	-.0670
40.000	-.0940

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A (RBMF17)

AMES 11-707 IA9 02A + 83 + T9 BODY FLAP

SECTION (1)BODY FLAP DEPENDENT VARIABLE CP

MACH (2) = 1.244 BETAT (4) = 4.100

X/LB	1.039
PHI	
.000	-.0820
40.000	-.1710

MACH (2) = 1.245 BETAT (5) = 8.200

X/LB	1.039
PHI	
.000	-.1160
40.000	-.2630

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A (RBMF18) (28 APR 73)

AMES 11-707 IA9 C2A + S3 + T9 BODY FLAP

REFERENCE DATA

SREF =	2.4210 SQ.FT.	XMRP =	28.5300 INCHES
LREF =	39.8490 INCHES	YMRP =	.0000 INCHES
BREF =	39.8490 INCHES	ZMRP =	.0000 INCHES
SCALE =	.0300 SCALE		

PARAMETRIC DATA

ALPHAT =	4.000	ORBINC =	.500
RUDDER =	-5.000	ELEVON =	.000
RUDFLR =	.000		

SECTION (1)BODY FLAP DEPENDENT VARIABLE CP

MACH (1) = 1.101 BETAT (1) = -8.200

X/LB	1.039
PHI	
.000	-.0710
40.000	-.0940

MACH (1) = 1.099 BETAT (2) = -4.080

X/LB	1.039
PHI	
.000	-.0940
40.000	-.0940

MACH (1) = 1.098 BETAT (3) = .020

X/LB	1.039
PHI	
.000	-.0350
40.000	-.1280

MACH (1) = 1.100 BETAT (4) = 4.130

X/LB	1.039
PHI	
.000	-.0800
40.000	-.1930

MACH (1) = 1.099 BETAT (5) = 8.260

X/LB	1.039
PHI	
.000	-.0770
40.000	-.2600

MACH (2) = 1.244 BETAT (1) = -8.140

X/LB	1.039
PHI	
.000	-.0790
40.000	.0480

MACH (2) = 1.244 BETAT (2) = -4.060

X/LB	1.039
PHI	
.000	-.0850
40.000	.0107

MACH (2) = 1.247 BETAT (3) = .020

X/LB	1.039
PHI	
.000	-.0620
40.000	-.1730

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A (RBMF18)

AMES 11-7D7 IA9 C2A + S3 + T9 BODY FLAP

SECTION (1)BODY FLAP DEPENDENT VARIABLE CP

MACH (2) = 1.249 BETAT (4) = 4.120

X/LB	1.039
PHI	
.000	-.0860
40.000	-.1630

MACH (2) = 1.245 BETAT (5) = 8.210

X/LB	1.039
PHI	
.000	-.0970
40.000	-.2670

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A (RBMF19) (28 APR 73)

AMES 11-707 IA9 O2A + S3 + T9 BODY FLAP

REFERENCE DATA

SREF =	2.4210 SQ.FT.	XMRP =	28.5300 INCHES
LREF =	39.3490 INCHES	YMRP =	.0000 INCHES
BREF =	39.8490 INCHES	ZMRP =	.0000 INCHES
SCALE =	.0300 SCALE		

PARAMETRIC DATA

ALPHAT =	6.000	ORBINC =	.500
RUDDER =	-5.000	ELEVON =	.500
RUDFLR =	.000		

SECTION (1)BODY FLAP DEPENDENT VARIABLE CP

MACH (1) = 1.101 BETAT (1) = -8.180

X/LB	1.039
PHI	
.000	-.0750
40.000	-.1020

MACH (1) = 1.098 BETAT (2) = -4.080

X/LB	1.039
PHI	
.000	-.0970
40.000	-.1020

MACH (1) = 1.101 BETAT (3) = .020

X/LB	1.039
PHI	
.000	-.0350
40.000	-.1300

MACH (1) = 1.103 BETAT (4) = 4.150

X/LB	1.039
PHI	
.000	-.0700
40.000	-.1820

MACH (1) = 1.100 BETAT (5) = 8.280

X/LB	1.039
PHI	
.000	-.0660
40.000	-.2450

MACH (2) = 1.246 BETAT (1) = -8.120

X/LB	1.039
PHI	
.000	-.0720
40.000	.0280

MACH (2) = 1.250 BETAT (2) = -4.050

X/LB	1.039
PHI	
.000	-.0830
40.000	-.0190

MACH (2) = 1.247 BETAT (3) = .010

X/LB	1.039
PHI	
.000	-.0490
40.000	-.1210

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A (RBMF19)

AMES 11-7ft IA9 C2A + S3 + T9 BODY FLAP

SECTION (1)BODY FLAP DEPENDENT VARIABLE CP

MACH (2) = 1.245 BETAT (4) = 4.120

X/LB	1.039
PHI	
.000	-.0820
40.000	-.1660

MACH (2) = 1.244 BETAT (5) = 8.230

X/LB	1.039
PHI	
.000	-.0670
40.000	-.2400

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A (RBMF20) (20 APR 73)

AMES 11-707 IA9 C2A + S3 + T3 BODY FLAP

REFERENCE DATA

SREF	=	2.4210 SQ.FT.	XMRP	=	28.5300 INCHES
LREF	=	39.8490 INCHES	YMRP	=	.0000 INCHES
BREF	=	39.8490 INCHES	ZMRP	=	.0000 INCHES
SCALE	=	.0300 SCALE			

PARAMETRIC DATA

ALPHAT =	8.000	ORBINC =	.500
RUDDER =	-5.000	ELEVON =	.000
RUDFLR =	.000		

SECTION / 1)BODY FLAP DEPENDENT VARIABLE CP

MACH (1) = 1.101 BETAT (1) = -8.160

X/LB	1.039
PHI	
.000	-.0770
40.000	-.1070

MACH (1) = 1.101 BETAT (2) = -4.070

X/LB	1.039
PHI	
.000	-.0940
40.000	-.1110

MACH (1) = 1.099 BETAT (3) = .020

X/LB	1.039
PHI	
.000	-.0290
40.000	-.1220

MACH (1) = 1.100 BETAT (4) = 4.160

X/LB	1.039
PHI	
.000	-.0860
40.000	-.1630

MACH (1) = 1.099 BETAT (5) = 8.300

X/LB	1.039
PHI	
.000	-.0770
40.000	-.2170

MACH (2) = 1.246 BETAT (1) = -8.110

X/LB	1.039
PHI	
.000	-.0620
40.000	.0200

MACH (2) = 1.248 BETAT (2) = -4.040

X/LB	1.039
PHI	
.000	-.0650
40.000	-.0570

MACH (2) = 1.245 BETAT (3) = .010

X/LB	1.039
PHI	
.000	-.0350
40.000	-.1110

DATE 2[illegible] SEP 73 TABULATED PRESSURE DATA - IA9A (RBMF20)

AMES 11-7D7 IA9 C2A + S3 + T9 BODY FLAP

SECTION (1)BODY FLAP DEPENDENT VARIABLE CP

MACH (2) = 1.245 BETAT (4) = 4.130

X/LB	1.039
PHI	
.000	-.0780
40.000	-.1665

MACH (2) = 1.243 BETAT (5) = 7.210

X/LB	1.039
PHI	
.000	-.0760
40.000	-.2030

AMES 11-7D7 IA9 OBA + S5 + T9 BODY FLAP (RBMF21) (28 APR 73)

REFERENCE DATA

SREF =	2.4210 SQ.FT.	XMRP =	28.5300 INCHES
LREF =	39.8490 INCHES	YMRP =	.0000 INCHES
BREF =	39.8490 INCHES	ZMRP =	.0000 INCHES
SCALE =	.0300 SCALE		

PARAMETRIC DATA

ALPHAT =	-8.000	ORBINC =	.500
RUDDER =	-10.000	ELEVON =	.000
RUDFLR =	.000		

SECTION (1)BODY FLAP — DEPENDENT VARIABLE CP

MACH (1) = 1.100 BETAT (1) = -8.170

X/LB	1.039
PHI	
.000	-.1710
40.000	-.1980

MACH (1) = 1.104 BETAT (2) = -4.080

X/LB	1.039
PHI	
.000	-.1450
40.000	-.2340

MACH (1) = 1.099 BETAT (3) = .080

X/LB	1.039
PHI	
.000	-.1210
40.000	-.2510

MACH (1) = 1.101 BETAT (4) = 4.190

X/LB	1.039
PHI	
.000	-.1530
40.000	-.2750

MACH (1) = 1.100 BETAT (5) = 8.300

X/LB	1.039
PHI	
.000	-.1750
40.000	-.3230

MACH (2) = 1.245 BETAT (1) = -8.120

X/LB	1.039
PHI	
.000	-.1490
40.000	-.1650

MACH (2) = 1.252 BETAT (2) = -4.050

X/LB	1.039
PHI	
.000	-.1250
40.000	-.0410

MACH (2) = 1.250 BETAT (3) = .020

X/LB	1.039
PHI	
.000	-.1410
40.000	-.1780

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A (RBMF21)

AMES 11-FT IA9 02A + S3 + T9 BODY FLAP

SECTION (1)BODY FLAP DEPENDENT VARIABLE CP

MACH (2) = 1.246 BETAT (4) = 4.130

X/LB	1.039
PHI	
.000	-.1390
40.000	-.2280

MACH (2) = 1.247 BETAT (5) = 8.260

X/LB	1.039
PHI	
.000	-.1620
40.000	-.3100

DATE 20 SEP 73

TABULATED PRESSURE DATA - IA9A

AMES 11-707 IA9 CEA + S3 + T9 BODY FLAP

(RBMF22) (28 APR 73)

REFERENCE DATA

SREF =	2.4210 SQ.FT.	XMRP =	28.5300 INCHES
LREF =	39.8490 INCHES	YMRP =	.0000 INCHES
BREF =	39.8490 INCHES	ZMRP =	.0000 INCHES
SCALE =	.0300 SCALE		

PARAMETRIC DATA

ALPHAT =	-6.000	ORBINC =	.500
RUDDER =	-10.000	ELEVON =	.000
RUDFLR =	.000		

SECTION (1)BODY FLAP

DEPENDENT VARIABLE CP

MACH (1) = 1.101 BETAT (1) = -8.190

X/LB	1.039
PHI	
.000	-.1270
40.000	-.1680

MACH (1) = 1.087 BETAT (2) = -4.080

X/LB	1.039
PHI	
.000	-.1230
40.000	-.2150

MACH (1) = 1.088 BETAT (3) = .080

X/LB	1.039
PHI	
.000	-.1220
40.000	-.2270

MACH (1) = 1.100 BETAT (4) = 4.140

X/LB	1.039
PHI	
.000	-.1420
40.000	-.2680

MACH (1) = 1.089 BETAT (5) = 8.280

X/LB	1.039
PHI	
.000	-.1480
40.000	-.3640

MACH (2) = 1.247 BETAT (1) = -8.140

X/LB	1.039
PHI	
.000	-.1140
40.000	.0110

MACH (2) = 1.247 BETAT (2) = -4.080

X/LB	1.039
PHI	
.000	-.1130
40.000	-.0460

MACH (2) = 1.250 BETAT (3) = .020

X/LB	1.039
PHI	
.000	-.1120
40.000	-.1760

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A (RBMF22)

AMES 11-707 IA9 O2A + S3 + T9 BODY FLAP

SECTION (1)BODY FLAP DEPENDENT VARIABLE CP

MACH (2) = 1.250 BETAT (4) = 4.120

X/LB	1.039
PHI	
.000	-.1170
40.000	-.2070

MACH (2) = 1.249 BETAT (5) = 8.230

X/LB	1.039
PHI	
.000	-.1150
40.000	-.2080

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A (RBMF23) (28 APR 73)

AMES 11-707 IA9 ORA + S3 + T9 BODY FLAP

REFERENCE DATA

SREF =	2.4210 SQ.FT.	XMRP =	28.5300 INCHES
LREF =	39.8490 INCHES	YMRP =	.0000 INCHES
BREF =	39.8490 INCHES	ZMRP =	.0000 INCHES
SCALE =	.0300 SCALE		

PARAMETRIC DATA

ALPHAT =	-4.000	ORBINC =	.500
RUDDER =	-10.000	ELEVON =	.000
RUDFLR =	.000		

SECTION (1)BODY FLAP DEPENDENT VARIABLE CP

MACH (1) = 1.009 BETAT (1) = -8.200

X/LB	1.039
PHI	
.000	-.0970
40.000	-.1290

MACH (1) = 1.007 BETAT (2) = -4.080

X/LB	1.039
PHI	
.000	-.1040
40.000	-.1820

MACH (1) = 1.101 BETAT (3) = .080

X/LB	1.039
PHI	
.000	-.0700
40.000	-.2080

MACH (1) = 1.102 BETAT (4) = 4.140

X/LB	1.039
PHI	
.000	-.1040
40.000	-.2480

MACH (1) = 1.099 BETAT (5) = 8.280

X/LB	1.039
PHI	
.000	-.0960
40.000	-.3030

MACH (2) = 1.248 BETAT (1) = -8.150

X/LB	1.039
PHI	
.000	-.1060
40.000	.0290

MACH (2) = 1.249 BETAT (2) = -4.060

X/LB	1.039
PHI	
.000	-.0950
40.000	-.0290

MACH (2) = 1.248 BETAT (3) = .010

X/LB	1.039
PHI	
.000	-.1110
40.000	-.1580

DATE 25 SEP 7? TABULATED PRESSURE DATA - TA9A (RBIF23)

AMES 11-707 IA9 OBA + 33 + T9 BODY FLAP

SECTION (1)BODY FLAP DEPENDENT VARIABLE CP

MACH (2) = 1.247 BETAT (4) = 4.120

X/LB	1.039
PHI	
.000	-.1090
40.000	-.2040

MACH (2) = 1.246 BETAT (5) = 8.210

X/LB	1.039
PHI	
.000	-.0960
40.000	-.2820

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A (RBMF24) (28 APR 73)

AMES 11-7D7 IA9 OBA + S3 + T9 BODY FLAP

PARAMETRIC DATA

ALPHAT = -2.000 ORBINC = .550
RUDDER = -10.000 ELEVON = .000
RUDFLR = .000

REFERENCE DATA

SREF = 2.4210 SQ.FT. XMRP = 28.5300 INCHES
LREF = 39.8490 INCHES YMRP = .0000 INCHES
BREF = 39.8490 INCHES ZMRP = .0000 INCHES
SCALE = .0300 SCALE

SECTION (1)BODY FLAP DEPENDENT VARIABLE CP

MACH (1) = 1.100 BETAT (1) = -8.200

X/LB	1.039
PHI	
.000	-.1040
40.000	-.1140

MACH (1) = 1.099 BETAT (2) = -4.080

X/LB	1.039
PHI	
.000	-.0890
40.000	-.1370

MACH (1) = 1.098 BETAT (3) = .030

X/LB	1.039
PHI	
.000	-.0750
40.000	-.1880

MACH (1) = 1.097 BETAT (4) = 4.130

X/LB	1.039
PHI	
.000	-.0680
40.000	-.2270

MACH (1) = 1.101 BETAT (5) = 8.250

X/LB	1.039
PHI	
.000	-.0860
40.000	-.2850

MACH (2) = 1.246 BETAT (1) = -8.150

X/LB	1.039
PHI	
.000	-.0890
40.000	.0330

MACH (2) = 1.249 BETAT (2) = -4.070

X/LB	1.039
PHI	
.000	-.1010
40.000	-.0230

MACH (2) = 1.249 BETAT (3) = .020

X/LB	1.039
PHI	
.000	-.0790
40.000	-.1230

DATE 25 SEP 73 TABULATED PRESSURE DATA - IA9A (RBMF24)

AMES 11-7D7 IA9 O2A + S3 + T9 BODY FLAP

SECTION (1)BODY FLAP DEPENDENT VARIABLE CP

MACH (2) = 1.249 BETAT (4) = 4.110

X/LB	1.039
PHI	
.000	-.0700
40.000	-.1880

MACH (2) = 1.248 BETAT (5) = 8.200

X/LB	1.039
PHI	
.000	-.1050
40.000	-.2730

DATE 20 SEP 73

TABULATED PRESSURE DATA - IA9A

AMES 11-707 IA9 OEA + S3 + T9 BODY FLAP

(RBMF25) (28 APR 73)

REFERENCE DATA

SREF =	2.4210 SQ.FT.	XMRP =	28.5300 INCHES
LREF =	39.8490 INCHES	YMRP =	.0000 INCHES
BREF =	39.8490 INCHES	ZMRP =	.0000 INCHES
SCALE =	.0300 SCALE		

PARAMETRIC DATA

ALPHAT =	.000	ORBINC =	.500
RUDDER =	-10.000	ELEVON =	.000
RUDFLR =	.000		

SECTION (1)BODY FLAP

DEPENDENT VARIABLE CP

MACH (1) = 1.090 BETAT (1) = -8.200

X/LB	1.039
PHI	
.000	-.0960
40.000	-.1180

MACH (1) = 1.095 BETAT (2) = -4.090

X/LB	1.039
PHI	
.000	-.0960
40.000	-.1040

MACH (1) = 1.099 BETAT (3) = .020

X/LB	1.039
PHI	
.000	-.0830
40.000	-.1770

MACH (1) = 1.100 BETAT (4) = 4.130

X/LB	1.039
PHI	
.000	-.0580
40.000	-.2160

MACH (1) = 1.096 BETAT (5) = 8.260

X/LB	1.039
PHI	
.000	-.0720
40.000	-.2740

MACH (2) = 1.246 BETAT (1) = -8.160

X/LB	1.039
PHI	
.000	-.1180
40.000	.0420

MACH (2) = 1.246 BETAT (2) = -4.070

X/LB	1.039
PHI	
.000	-.0870
40.000	-.0060

MACH (2) = 1.249 BETAT (3) = .020

X/LB	1.039
PHI	
.000	-.0710
40.000	-.0880

AMES 11-707 IA9 C2A + S3 + T9 BODY FLAP (RBMF25)

SECTION (1)BODY FLAP DEPENDENT VARIABLE CP

MACH (2) = 1.251 BETAT (4) = 4.110

X/LB	1.039
PHI	
.000	-.0740
40.000	-.1780

MACH (2) = 1.248 BETAT (5) = 8.200

X/LB	1.039
PHI	
.000	-.1000
40.000	-.2650

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A

AMES 11-707 IA9 02A + S3 + T9 BODY FLAP (RBMF26) (28 APR 73)

REFERENCE DATA

SREF =	2.4210 SQ.FT.	XMRP =	28.5300 INCHES
LREF =	39.8490 INCHES	YMRP =	.0000 INCHES
BREF =	39.8490 INCHES	ZMRP =	.0000 INCHES
SCALE =	.0350 SCALE		

PARAMETRIC DATA

ALPHAT =	2.000	ORBINC =	.500
RUDDER =	-10.000	ELEVON =	.000
RUDFLR =	.000		

SECTION (1)BODY FLAP

DEPENDENT VARIABLE CP

MACH (1) = 1.099 BETAT (1) = -8.210

X/LB	1.039
PHI	
.000	-.0950
40.000	-.1070

MACH (1) = 1.099 BETAT (2) = -4.090

X/LB	1.039
PHI	
.000	-.0910
40.000	-.0980

MACH (1) = 1.100 BETAT (3) = .020

X/LB	1.039
PHI	
.000	-.0410
40.000	-.1400

MACH (1) = 1.101 BETAT (4) = 4.130

X/LB	1.039
PHI	
.000	-.0620
40.000	-.1910

MACH (1) = 1.098 BETAT (5) = 8.260

X/LB	1.039
PHI	
.000	-.0920
40.000	-.2740

MACH (2) = 1.247 BETAT (1) = -8.160

X/LB	1.039
PHI	
.000	-.1040
40.000	.0560

MACH (2) = 1.250 BETAT (2) = -4.070

X/LB	1.039
PHI	
.000	-.0920
40.000	.0140

MACH (2) = 1.248 BETAT (3) = .020

X/LB	1.039
PHI	
.000	-.0610
40.000	-.0950

DATE 2[illegible] SEP [illegible] TABULATED PRESSURE DATA - IA9A (RBMF26)

AMES 11-7U7 IA9 C2A + S3 + T9 BODY FLAP

SECTION : 1 BODY FLAP DEPENDENT VARIABLE CP

MACH (2) = 1.246 BETAT (4) = 4.100

X/LB	1.039
PHI	
.000	-.0780
40.000	-.1700

MACH (2) = 1.247 BETAT (5) = 8.200

X/LB	1.039
PHI	
.000	-.1020
40.000	-.2640

DATE 20 SEP 73

TABULATED PRESSURE DATA - IA9A

AMES 11-707 IA9 OEA + S3 + T9 BODY FLAP

(RBMF27) (28 APR 73)

REFERENCE DATA

SREF =	2.4210 SQ.FT.	XMRP =	23.5300 INCHES
LREF =	39.8490 INCHES	YMRP =	.0000 INCHES
BREF =	39.8490 INCHES	ZMRP =	.0000 INCHES
SCALE =	.0300 SCALE		

PARAMETRIC DATA

ALPHAT =	4.000	ORBINC =	.500
RUDDER =	-10.000	ELEVON =	.000
RUDFLR =	.000		

SECTION (1)BODY FLAP

DEPENDENT VARIABLE CP

MACH (1) = 1.097 BETAT (1) = -8.200

X/LB	1.039
PHI	
.000	-.0690
40.000	-.0960

MACH (1) = 1.099 BETAT (2) = -4.090

X/LB	1.039
PHI	
.000	-.0940
40.000	-.0970

MACH (1) = 1.100 BETAT (3) = .080

X/LB	1.039
PHI	
.000	-.0320
40.000	-.1280

MACH (1) = 1.099 BETAT (4) = 4.140

X/LB	1.039
PHI	
.000	-.0740
40.000	-.1850

MACH (1) = 1.101 BETAT (5) = 8.280

X/LB	1.039
PHI	
.000	-.0750
40.000	-.2660

MACH (2) = 1.249 BETAT (1) = -8.150

X/LB	1.039
PHI	
.000	-.0710
40.000	.0550

MACH (2) = 1.247 BETAT (2) = -4.060

X/LB	1.039
PHI	
.000	-.0910
40.000	.0120

MACH (2) = 1.249 BETAT (3) = .020

X/LB	1.039
PHI	
.000	-.0580
40.000	-.1190

DATE 25 SEP 75 TABULATED PRESSURE DATA - IA9A (RBMF27,

AMES 11-707 IA9 O2A + S3 + T9 BODY FLAP

SECTION (1)BODY FLAP DEPENDENT VARIABLE CP

MACH (2) = 1.251 BETAT (4) = 4.110

X/LB	1.039
PHI	
.000	-.0760
40.000	-.1650

MACH (2) = 1.246 BETAT (5) = 8.210

X/LB	1.039
PHI	
.000	-.0790
40.000	-.2680

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A

AMES 11-707 IA9 ORA + S3 + T9 BODY FLAP (RBMF28) (28 APR 73)

REFERENCE DATA

SREF =	2.4210 SQ.FT.	XMRP =	28.5300 INCHES
LREF =	39.8490 INCHES	YMRP =	.0000 INCHES
BREF =	39.8490 INCHES	ZMRP =	.0000 INCHES
SCALE =	.0900 SCALE		

PARAMETRIC DATA

ALPHAT =	6.000	ORBINC =	.500
RUDDER =	-10.000	ELEVON =	.000
RUDFLR =	.000		

SECTION (1)BODY FLAP DEPENDENT VARIABLE CP

MACH (1) = 1.099 BETAT (1) = -8.190

X/LB	1.039
PHI	
.000	-.0670
40.000	-.0620

MACH (1) = 1.098 BETAT (2) = -4.080

X/LB	1.039
PHI	
.000	-.0950
40.000	-.0960

MACH (1) = 1.099 BETAT (3) = .020

X/LB	1.039
PHI	
.000	-.0360
40.000	-.1270

MACH (1) = 1.102 BETAT (4) = 4.150

X/LB	1.039
PHI	
.000	-.0610
40.000	-.1760

MACH (1) = 1.099 BETAT (5) = 8.280

X/LB	1.039
PHI	
.000	-.0730
40.000	-.2430

MACH (2) = 1.248 BETAT (1) = -8.130

X/LB	1.039
PHI	
.000	-.0640
40.000	.0330

MACH (2) = 1.251 BETAT (2) = -4.060

X/LB	1.039
PHI	
.000	-.0810
40.000	-.0170

MACH (2) = 1.249 BETAT (3) = .010

X/LB	1.039
PHI	
.000	-.0490
40.000	-.1220

DATE 2[illegible] SEP 73 TABULATED PRESSURE DATA - IA9A (RBMF28)

AMES 11-707 IA9 C2A + S3 + T9 BODY FLAP

SECTION (1)BODY FLAP DEPENDENT VARIABLE CP

MACH (2) = 1.245 BETAT (4) = 4.120

X/LB	1.039
PHI	
.000	-.0790
40.000	-.1660

MACH (2) = 1.245 BETAT (5) = 8.230

X/LB	1.039
PHI	
.000	-.0590
40.000	-.2320

AMES 11-7D7 IA9 C2A + S3 + T9 BODY FLAP (RBMF29) (28 APR 73)

REFERENCE DATA

SREF = 2.4210 SQ.FT. XMRP = 28.5300 INCHES
LREF = 39.8490 INCHES YMRP = .0000 INCHES
BREF = 39.8490 INCHES ZMRP = .0000 INCHES
SCALE = .0300 SCALE

PARAMETRIC DATA

ALPHAT = 8.000 ORBINC = .500
RUDDER = -10.000 ELEVON = .000
RUDFLR = .000

SECTION (1)BODY FLAP DEPENDENT VARIABLE CP

MACH (1) = 1.098 BETAT (1) = -8.180

X/LB	1.039
PHI	
.000	-.0750
40.000	-.1100

MACH (1) = 1.098 BETAT (2) = -4.070

X/LB	1.039
PHI	
.000	-.0880
40.000	-.1090

MACH (1) = 1.098 BETAT (3) = .020

X/LB	1.039
PHI	
.000	-.0260
40.000	-.1220

MACH (1) = 1.098 BETAT (4) = 4.150

X/LB	1.039
PHI	
.000	-.0680
40.000	-.1770

MACH (1) = 1.098 BETAT (5) = 8.310

X/LB	1.039
PHI	
.000	-.0750
40.000	-.2140

MACH (2) = 1.247 BETAT (1) = -8.100

X/LB	1.039
PHI	
.000	-.0570
40.000	.0300

MACH (2) = 1.249 BETAT (2) = -4.040

X/LB	1.039
PHI	
.000	-.0640
40.000	-.0510

MACH (2) = 1.249 BETAT (3) = .020

X/LB	1.039
PHI	
.000	-.0370
40.000	-.1110

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A (RB4F29)

AMES 11-707 IA9 C2A + S3 + T9 BODY FLAP

SECTION (1)BODY FLAP DEPENDENT VARIABLE CP

MACH (2) = 1.249 BETAT (4) = 4.130

X/LB	1.039
PHI	
.000	-.0700
40.000	-.1620

MACH (2) = 1.246 BETAT (5) = 8.250

X/LB	1.039
PHI	
.000	-.0460
40.000	-.1970

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A (RBMF3D) (28 APR 73)

AMES 11-707 IA9 OEA : S3 + T9 BODY FLAP

REFERENCE DATA

SREF =	2.4210 SQ.FT.	XMRP =	28.5300 INCHES
LREF =	39.0490 INCHES	YMRP =	.0000 INCHES
BREF =	39.0490 INCHES	ZMRP =	.0000 INCHES
SCALE =	.0300 SCALE		

PARAMETRIC DATA

ALPHAT =	-8.000	ORBINC =	.500
RUDDER =	-15.000	ELEVON =	.000
RUDFLR =	.000		

SECTION (1)BODY FLAP DEPENDENT VARIABLE CP

MACH (1) = 1.101 BETAT (1) = -8.180

X/LB	1.039
PHI	
.000	-.1610
40.000	-.1940

MACH (1) = 1.102 BETAT (2) = -4.080

X/LB	1.039
PHI	
.000	-.1400
40.000	-.2320

MACH (1) = 1.102 BETAT (3) = .080

X/LB	1.039
PHI	
.000	-.1480
40.000	-.2560

MACH (1) = 1.100 BETAT (4) = 4.160

X/LB	1.039
PHI	
.000	-.1540
40.000	-.2700

MACH (1) = 1.102 BETAT (5) = 8.310

X/LB	1.039
PHI	
.000	-.1450
40.000	-.3160

MACH (2) = 1.244 BETAT (1) = -8.130

X/LB	1.039
PHI	
.000	-.1480
40.000	-.0060

MACH (2) = 1.245 BETAT (2) = -4.050

X/LB	1.039
PHI	
.000	-.1340
40.000	-.0530

MACH (2) = 1.245 BETAT (3) = .080

X/LB	1.039
PHI	
.000	-.1440
40.000	-.1910

DATE 25 SEP 73 TABULATED PRESSURE DATA - IA9A (RBMF30)

AMES 11-7D7 IA9 C2A + S3 + T9 BODY FLAP

SECTION (1)BODY FLAP DEPENDENT VARIABLE CP

MACH (2) = 1.245 BETAT (4) = 4.135

X/LB	1.039
PHI	
.000	-.1430
40.000	-.2310

MACH (2) = 1.247 BETAT (5) = 8.250

X/LB	1.039
PHI	
.000	-.1760
40.000	-.3080

DATE 20 SEP 75 TABULATED PRESSURE DATA - IA9A (RBMF31) (28 APR 73)

AMES 11-707 IA9 OEA + S3 + T9 BODY FLAP

PARAMETRIC DATA

ALPHAT = -6.000 ORBINC = .500
RUDDER = -15.000 ELEVON = .000
RUDFLR = .000

REFERENCE DATA

SREF = 2.4210 SQ.FT. XMRP = 28.5300 INCHES
LREF = 39.8490 INCHES YMRP = .0000 INCHES
BREF = 39.8490 INCHES ZMRP = .0000 INCHES
SCALE = .0300 SCALE

SECTION (1)BODY FLAP DEPENDENT VARIABLE CP

MACH (1) = 1.101 BETAT (1) = -8.190

X/LB	1.059
PHI	
.000	-.1300
40.000	-.1650

MACH (1) = 1.101 BETAT (2) = -4.090

X/LB	1.059
PHI	
.000	-.1200
40.000	-.2140

MACH (1) = 1.099 BETAT (3) = .020

X/LB	1.059
PHI	
.000	-.0990
40.000	-.2520

MACH (1) = 1.098 BETAT (4) = 4.140

X/LB	1.059
PHI	
.000	-.1370
40.000	-.2560

MACH (1) = 1.097 BETAT (5) = 8.280

X/LB	1.059
PHI	
.000	-.1460
40.000	-.2970

MACH (2) = 1.247 BETAT (1) = -8.140

X/LB	1.059
PHI	
.000	-.1140
40.000	.0100

MACH (2) = 1.248 BETAT (2) = -4.080

X/LB	1.059
PHI	
.000	-.1270
40.000	-.0590

MACH (2) = 1.251 BETAT (3) = .020

X/LB	1.059
PHI	
.000	-.1120
40.000	-.1780

DATE 25 SEP 73 TABULATED PRESSURE DATA - IA9A (RBMF31)

AMES 11-7D7 IA9 C2A + S3 + T9 BODY FLAP

SECTION (1)BODY FLAP DEPENDENT VARIABLE CP

MACH (2) = 1.251 BETAT (4) = 4.120

X/LB	1.039
PHI	
.000	-.1250
40.000	-.2200

MACH (2) = 1.250 BETAT (5) = 8.230

X/LB	1.039
PHI	
.000	-.1360
40.000	-.2810

DATE 20 SEP 73 TABULATED PRESSURE DATA - IASA (RBMF32) (28 APR 73)

AMES 11-707 IA9 OEA + S5 + T9 BODY FLAP

REFERENCE DATA

SREF =	2.4210 SQ.FT.	XMRP =	28.5300 INCHES
LREF =	39.8490 INCHES	YMRP =	.0000 INCHES
BREF =	39.8490 INCHES	ZMRP =	.0000 INCHES
SCALE =	.0300 SCALE		

PARAMETRIC DATA

ALPHAT =	-4.000	ORBINC =	.500
RUDDER =	-15.000	ELEVON =	.000
RUDFLR =	.000		

SECTION (1)BODY FLAP — DEPENDENT VARIABLE CP

MACH (1) = 1.100 BETAT (1) = -8.200

X/LB	1.039
PHI	
.000	-.1050
40.000	-.1230

MACH (1) = 1.099 BETAT (2) = -4.090

X/LB	1.039
PHI	
.000	-.1030
40.000	-.1810

MACH (1) = 1.100 BETAT (3) = .020

X/LB	1.039
PHI	
.000	-.0680
40.000	-.2150

MACH (1) = 1.101 BETAT (4) = 4.130

X/LB	1.039
PHI	
.000	-.1170
40.000	-.2480

MACH (1) = 1.101 BETAT (5) = 8.280

X/LB	1.039
PHI	
.000	-.0840
40.000	-.2940

MACH (2) = 1.249 BETAT (1) = -8.150

X/LB	1.039
PHI	
.000	-.1040
40.000	.0320

MACH (2) = 1.250 BETAT (2) = -4.060

X/LB	1.039
PHI	
.000	-.1160
40.000	-.0940

MACH (2) = 1.250 BETAT (3) = .020

X/LB	1.039
PHI	
.000	-.0970
40.000	-.1620

AMES 11-707 1A9 C2A + S3 + T9 BODY FLAP (RBMF32)

SECTION (1)BODY FLAP DEPENDENT VARIABLE CP

MACH (2) = 1.246 BETAT (4) = 4.110

X/LB	1.039
PHI	
.000	-.0910
40.000	-.2010

MACH (2) = 1.246 BETAT (5) = 8.210

X/LB	1.039
PHI	
.000	-.1090
40.000	-.2640

DATE 29 SEP 73 TABULATED PRESSURE DATA - IA9A

AMES 11-7[illegible] IA3 C2A + S3 + T9 BODY FLAP (RBMF33) 28 APR 73

REFERENCE DATA

SREF	=	2.4215 SQ.FT.	XMRP	=	28.5300 INCHES
LREF	=	39.8490 INCHES	YMRP	=	.0000 INCHES
BREF	=	39.8490 INCHES	ZMRP	=	.0000 INCHES
SCALE	=	.0300 SCALE			

PARAMETRIC DATA

ALPHAT =	-2.000	DRINC =	.000
RUDDER =	-15.000	ELEVON =	.000
RUDFLR =	.000		

SECTION (1)BODY FLAP DEPENDENT VARIABLE CP

MACH (1) = 1.102 BETAT (1) = -8.200

X/LB	1.039
PHI	
.000	-.1040
40.000	-.1120

MACH (1) = 1.101 BETAT (2) = -4.090

X/LB	1.039
PHI	
.000	-.1000
40.000	-.1420

MACH (1) = 1.100 BETAT (3) = .020

X/LB	1.039
PHI	
.000	-.0700
40.000	-.1850

MACH (1) = 1.101 BETAT (4) = 4.130

X/LB	1.039
PHI	
.000	-.0700
40.000	-.2290

MACH (1) = 1.099 BETAT (5) = 8.250

X/LB	1.039
PHI	
.000	-.0840
40.000	-.2930

MACH (2) = 1.247 BETAT (1) = -8.150

X/LB	1.039
PHI	
.000	-.0990
40.000	.0300

MACH (2) = 1.246 BETAT (2) = -4.060

X/LB	1.039
PHI	
.000	-.1060
40.000	-.0240

MACH (2) = 1.250 BETAT (3) = .020

X/LB	1.039
PHI	
.000	-.0870
40.000	-.1160

DATE 28 SEP 73 TABULATED PRESSURE DATA - IA9A (REMF33)

AMES 11-7ft IA9 O2A + S3 + T9 BODY FLAP

SECTION (1)BODY FLAP DEPENDENT VARIABLE CP

MACH (2) = 1.250 BETAT (4) = 4.110

X/LB	1.039
PHI	
.000	-.0860
40.000	-.1890

MACH (2) = 1.248 BETAT (5) = 8.250

X/LB	1.039
PHI	
.000	-.1160
40.000	-.2620

DATE 2: SEP 73 TABULATED PRESSURE DATA - IASA

AMES 11-707 IAS CBA + S3 + T9 BODY FLAP

(RBMF34) (28 APR 73)

REFERENCE DATA

SREF =	2.4210 SQ.FT.	XMRP =	28.5300 INCHES
LREF =	39.8490 INCHES	YMRP =	.0000 INCHES
BREF =	39.8490 INCHES	ZMRP =	.0000 INCHES
SCALE =	.0360 SCALE		

PARAMETRIC DATA

ALPHAT =	.000	ORBINC =	.500
RUDDER =	-15.000	ELEVON =	.000
RUDFLR =	.500		

SECTION (1)BODY FLAP DEPENDENT VARIABLE CP

MACH (1) = 1.097 BETAT (1) = -8.250

X/LB	1.039
PHI	
.000	-.1080
40.000	-.1120

MACH (1) = 1.100 BETAT (2) = -4.080

X/LB	1.039
PHI	
.000	-.1110
40.000	-.1250

MACH (1) = 1.080 BETAT (3) = .080

X/LB	1.039
PHI	
.000	-.0770
40.000	-.1680

MACH (1) = 1.100 BETAT (4) = 4.130

X/LB	1.039
PHI	
.000	-.0560
40.000	-.2130

MACH (1) = 1.080 BETAT (5) = 8.250

X/LB	1.039
PHI	
.000	-.0780
40.000	-.2750

MACH (2) = 1.249 BETAT (1) = -8.180

X/LB	1.039
PHI	
.000	-.1020
40.000	.0430

MACH (2) = 1.250 BETAT (2) = -4.070

X/LB	1.039
PHI	
.000	-.0930
40.000	-.0810

MACH (2) = 1.249 BETAT (3) = .080

X/LB	1.039
PHI	
.000	-.0730
40.000	-.0990

AMES 11-707 IA9 C2A + S3 + T9 BODY FLAP (RBMF34)

SECTION (1)BODY FLAP DEPENDENT VARIABLE CP

MACH (2) = 1.245 BETAT (4) = 4.110

X/LB	1.039
PHI	
.000	-.0770
40.000	-.1810

MACH (2) = 1.247 BETAT (5) = 8.200

X/LB	1.039
PHI	
.000	-.1110
40.000	-.2540

DATE 25 SEP 73

TABULATED PRESSURE DATA - IA9A

AMES 11-707 IA9 02A + S3 + T9 BODY FLAP

(RBMF35) (28 APR 73

REFERENCE DATA

SREF =	2.4215 SQ.FT.	XMRP =	28.5300 INCHES
LREF =	39.8490 INCHES	YMRP =	.0000 INCHES
BREF =	39.8490 INCHES	ZMRP =	.0000 INCHES
SCALE =	.0300 SCALE		

PARAMETRIC DATA

ALPHAT =	2.000	ORBINC =	.500
RUDDER =	-15.000	ELEVON =	.000
RUDFLR =	.000		

SECTION (1)BODY FLAP

DEPENDENT VARIABLE CP

MACH (1) = 1.102 BETAT (1) = -8.210

X/LB	1.039
PHI	
.000	-.0920
40.000	-.1130

MACH (1) = 1.095 BETAT (2) = -4.080

X/LB	1.039
PHI	
.000	-.0980
40.000	-.0970

MACH (1) = 1.099 BETAT (3) = .020

X/LB	1.039
PHI	
.000	-.0400
40.000	-.1350

MACH (1) = 1.101 BETAT (4) = 4.130

X/LB	1.039
PHI	
.000	-.0660
40.000	-.1960

MACH (1) = 1.106 BETAT (5) = 8.250

X/LB	1.039
PHI	
.000	-.0910
40.000	-.2800

MACH (2) = 1.248 BETAT (1) = -8.150

X/LB	1.039
PHI	
.000	-.1180
40.000	.0530

MACH (2) = 1.244 BETAT (2) = -4.070

X/LB	1.039
PHI	
.000	-.0850
40.000	.0040

MACH (2) = 1.250 BETAT (3) = .020

X/LB	1.039
PHI	
.000	-.0690
40.000	-.0970

DATE 21 DEC 72 TABULATED PRESSURE DATA - IA9A (RBMF35)

AMES 11-7?7 IA9 O2A + S3 + T9 BODY FLAP

SECTION (1)BODY FLAP DEPENDENT VARIABLE CP

MACH (2) = 1.248 BETAT (4) = 4.100

X/LB	1.039
PHI	
.000	-.0870
40.000	-.1680

MACH (2) = 1.248 BETAT (5) = 8.200

X/LB	1.039
PHI	
.000	-.1150
40.000	-.2590

TABULATED PRESSURE DATA - IA9A

AMES 11-707 IA9 OEA + S3 + T9 BODY FLAP

(RBMF36)

REFERENCE DATA

[illegible]	2.4219 SQ.FT.	XMRP =	28.5300 INCHES
[illegible]	39.8490 INCHES	YMRP =	.0000 INCHES
[illegible]	59.8490 INCHES	ZMRP =	.0000 INCHES
[illegible]	.0300 SCALE		

PARAMETRIC DATA

ALPHAT =	4.000	ORBINK =	[illegible]
RUDDER =	-15.000	ELEVON =	[illegible]
RUDFLR =	.000		

[illegible] 1)BODY FLAP — DEPENDENT VARIABLE CP

[illegible] = 1.103 BETAT (1) = -8.200

X/LB	1.039
PHI	
.000	-.0730
40.000	-.0960

[illegible] 1) = 1.099 BETAT (2) = -4.090

X/LB	1.039
PHI	
.000	-.0930
40.000	-.0900

[illegible] (1) = 1.098 BETAT (3) = .080

X/LB	1.039
PHI	
.000	-.0410
40.000	-.1330

[illegible] (1) = 1.098 BETAT (4) = 4.140

X/LB	1.039
PHI	
.000	-.0640
40.000	-.1840

[illegible] (1) = 1.100 BETAT (5) = 8.280

X/LB	1.039
PHI	
.000	-.0680
40.000	-.2610

[illegible] (2) = 1.248 BETAT (1) = -8.150

X/LB	1.039
PHI	
.000	-.0770
40.000	.0150

[illegible] (2) = 1.249 BETAT (2) = -4.080

X/LB	1.039
PHI	
.000	-.0870
40.000	.0210

[illegible] (2) = 1.249 BETAT (3) = .010

X/LB	1.039
PHI	
.000	-.0550
40.000	-.1230

DATE 20 SEP .. TABULATED PRESSURE DATA - IA9A (RBMF36)

AMES 11-7D7 IA9 C0A + S3 + T9 BODY FLAP

SECTION (1)BODY FLAP DEPENDENT VARIABLE CP

MACH (2) = 1.245 BETAT (4) = 4.110

X/LB	1.039
PHI	
.000	-.0860
40.000	-.1670

MACH (2) = 1.245 BETAT (5) = 8.219

X/LB	1.039
PHI	
.000	-.0930
40.000	-.2670

AMES 11-707 IA9 OEA + S3 + T9 BODY FLAP (REMF37) (20 APR 73)

REFERENCE DATA

SREF =	2.4210	SQ.FT.	XMRP =	28.5300	INCHES
LREF =	39.8490	INCHES	YMRP =	.0000	INCHES
BREF =	39.8490	INCHES	ZMRP =	.0000	INCHES
SCALE =	.0500	SCALE			

PARAMETRIC DATA

ALPHAT =	6.000	ORBINC =	.500
RUDDER =	-15.000	ELEVON =	.000
RUDFLR =	.000		

SECTION (1)BODY FLAP — DEPENDENT VARIABLE CP

MACH (1) = 1.100 BETAY (1) = -6.180

X/LB	1.039
PHI	
.000	-.0650
40.000	-.0880

MACH (1) = 1.100 BETAT (2) = -4.080

X/LB	1.039
PHI	
.000	-.0810
40.000	-.0940

MACH (1) = 1.080 BETAT (3) = .010

X/LB	1.039
PHI	
.000	-.0550
40.000	-.1280

MACH (1) = 1.100 BETAT (4) = 4.140

X/LB	1.039
PHI	
.000	-.0660
40.000	-.1810

MACH (1) = 1.080 BETAT (5) = 8.280

X/LB	1.039
PHI	
.000	-.0720
40.000	-.2320

MACH (2) = 1.247 BETAT 1) = -8.130

X/LB	1.039
PHI	
.000	-.0650
40.000	.0350

MACH (2) = 1.240 BETAT (2) = -4.030

X/LB	1.039
PHI	
.000	-.0840
40.000	-.0260

MACH (2) = 1.247 BETAT (3) = .080

X/LB	1.039
PHI	
.000	-.0470
40.000	-.1210

DATE 20 SEP 72 TABULATED PRESSURE DATA - IA9A (RBMF37)

AMES 11-707 IA9 C2A + S3 + T9 BODY FLAP

SECTION (1)BODY FLAP DEPENDENT VARIABLE CP

MACH (2) = 1.252 BETAT (4) = 4.120

X/LB	1.039
PHI	
.000	-.0790
40.000	-.1640

MACH (2) = 1.247 BETAT (5) = 8.230

X/LB	1.039
PHI	
.000	-.0530
40.000	-.2330

AMES 11-707 IA9 OEA + S3 + T9 BODY FLAP (RBMF38) (28 APR 72

REFERENCE DATA

PARAMETRIC DATA

SREF =	2.1210 SQ.FT.	XMRP =	28.5300 INCHES	ALPHAT =	8.000 ORBINC = .500
LREF =	39.8490 INCHES	YMRP =	.0000 INCHES	RUDDER =	-15.000 ELEVON = .000
BREF =	39.8490 INCHES	ZMRP =	.0000 INCHES	RUDFLR =	.000
SCALE =	.0300 SCALE				

SECTION (1)BODY FLAP — DEPENDENT VARIABLE CP

MACH (1) = 1.099 BETAT (1) = -8.170

X/LB	1.039
PHI	
.000	-.0710
40.000	-.1170

MACH (1) = 1.099 BETAT (2) = -4.070

X/LB	1.039
PHI	
.000	-.0890
40.000	-.1100

MACH (1) = 1.099 BETAT (3) = .020

X/LB	1.039
PHI	
.000	-.0290
40.000	-.1220

MACH (1) = 1.095 BETAT (4) = 4.160

X/LB	1.039
PHI	
.000	-.0850
40.000	-.1830

MACH (1) = 1.097 BETAT (5) = 8.310

X/LB	1.039
PHI	
.000	-.0730
40.000	-.2240

MACH (2) = 1.245 BETAT (1) = -8.110

X/LB	1.039
PHI	
.000	-.0570
40.000	.0320

MACH (2) = 1.251 BETAT (2) = -4.040

X/LB	1.039
PHI	
.000	-.0690
40.000	-.0540

MACH (2) = 1.248 BETAT (3) = .020

X/LB	1.039
PHI	
.000	-.0370
40.000	-.1090

DATE 21 SEP 73 TABULATED PRESSURE DATA - IA9A (RBMF36)

AMES 11-7D7 IA9 O2A + S3 + T9 BODY FLAP

SECTION (1)BODY FLAP DEPENDENT VARIABLE CP

MACH (2) = 1.245 BETAT (4) = 4.130

X/LB	1.039
PHI	
.000	-.0610
40.000	-.1600

MACH (2) = 1.245 BETAT (5) = 8.250

X/LB	1.039
PHI	
.000	-.0580
40.000	-.1960

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A (RBMF39) (28 APR 73)

AMES 11-7D7 IA9 CBA + S3 + T9 BODY FLAP

REFERENCE DATA

SREF =	2.4210 SQ.FT.	XMRP =	28.5300 INCHES
LREF =	39.8490 INCHES	YMRP =	.0000 INCHES
BREF =	39.8490 INCHES	ZMRP =	.0000 INCHES
SCALE =	.0300 SCALE		

PARAMETRIC DATA

ALPHAT =	-8.000	ORBINC =	.500
RUDDER =	-5.000	ELEVON =	.000
RUDFLR =	.000		

SECTION (1)BODY FL P DEPENDENT VARIABLE CP

MACH (1) = 1.105 BETAT (1) = -8.180

X/LB	1.039
PHI	
.000	-.1760
40.000	-.2010

MACH (1) = 1.097 BETAT (2) = -4.070

X/LB	1.039
PHI	
.000	-.1490
40.000	-.2440

MACH (1) = 1.088 BETAT (3) = .020

X/LB	1.039
PHI	
.000	-.1350
40.000	-.2800

MACH (1) = 1.104 BETAT (4) = 4.180

X/LB	1.039
PHI	
.000	-.1610
40.000	-.2820

MACH (1) = 1.089 BETAT (5) = 8.310

X/LB	1.039
PHI	
.000	-.1800
40.000	-.3240

MACH (2) = 1.251 BETAT (1) = -8.120

X/LB	1.039
PHI	
.000	-.1470
40.000	.0060

MACH (2) = 1.249 BETAT (2) = -4.050

X/LB	1.039
PHI	
.000	-.1310
40.000	-.0470

MACH (2) = 1.246 BETAT (3) = .020

X/LB	1.039
PHI	
.000	-.1410
40.000	-.1660

AMES 11-707 IA9 C2A + S3 + T9 BODY FLAP (RBMF39)

SECTION (1)BODY FLAP DEPENDENT VARIABLE CP

MACH (2) = 1.246 BETAT (4) = 4.130

X/LB	1.039
PHI	
.000	-.1380
40.000	-.2250

MACH (2) = 1.245 BETAT (5) = 8.250

X/LB	1.039
PHI	
.000	-.1520
40.000	-.3070

DATE 25 SEP 73 TABULATED PRESSURE DATA - IA9A (RBMF45) (28 APR 73

AMES 11-707 IA9 C2A + S3 + T9 BODY FLAP

REFERENCE DATA

SREF = 2.4210 SQ.FT. XMRP = 28.5300 INCHES
LREF = 39.8490 INCHES YMRP = .0000 INCHES
BREF = 39.8490 INCHES ZMRP = .0000 INCHES
SCALE = .0300 SCALE

PARAMETRIC DATA

ALPHAT = -4.000 ORBINC = [illegible]
RUDDER = -5.000 ELEVON = [illegible]
RUDFLR = .000

SECTION (1)BODY FLAP DEPENDENT VARIABLE CP

MACH (1) = 1.101 BETAT (1) = -8.190

X/LB	1.039
PHI	
.000	-.1110
40.000	-.1360

MACH (1) = 1.101 BETAT (2) = -4.080

X/LB	1.039
PHI	
.000	-.0060
40.000	-.1890

MACH (1) = 1.101 BETAT (3) = .020

X/LB	1.039
PHI	
.000	-.0860
40.000	-.2250

MACH (1) = 1.099 BETAT (4) = 4.140

X/LB	1.039
PHI	
.000	-.1000
40.000	-.2440

MACH (1) = 1.100 BETAT (5) = 8.260

X/LB	1.039
PHI	
.000	-.0910
40.000	-.2960

MACH (2) = 1.244 BETAT (1) = -8.150

X/LB	1.039
PHI	
.000	-.1130
40.000	.0270

MACH (2) = 1.245 BETAT (2) = -4.060

X/LB	1.039
PHI	
.000	-.1020
40.000	-.0320

MACH (2) = 1.248 BETAT (3) = .010

X/LB	1.039
PHI	
.000	-.0950
40.000	-.1640

AMES 11-707 IA9 O2A + S3 + T9 BODY FLAP (RBMF40)

[illegible] FLAP DEPENDENT VARIABLE CP

MACH (2) = 1.252 BETAT (4) = 4.110

X/LB	1.039
PHI	
.000	-.0930
40.000	-.2020

MACH (2) = 1.250 BETAT (5) = .210

X/LB	1.039
PHI	
.000	-.0890
40.000	-.2730

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A (RBMF41) (28 APR 73

AMES 11-707 IA9 O2A + S3 + T9 BODY FLAP

REFERENCE DATA

SREF = 2.4210 SQ.FT. XMRP = 28.5300 INCHES
LREF = 39.8490 INCHES YMRP = .0000 INCHES
BREF = 39.8490 INCHES ZMRP = .0000 INCHES
SCALE = .0300 SCALE

PARAMETRIC DATA

ALPHAT = .000 ORBINC = .000
RUDDER = -5.000 ELEVON = .000
RUDFLR = .000

SECTION (1)BODY FLAP DEPENDENT VARIABLE CP

MACH (1) = 1.101 BETAT (1) = -8.200

X/LB	1.039
PHI	
.000	-.1060
40.000	-.1220

MACH (1) = 1.098 BETAT (2) = -4.090

X/LB	1.039
PHI	
.000	-.1120
40.000	-.1250

MACH (1) = 1.100 BETAT (3) = .020

X/LB	1.039
PHI	
.000	-.0750
40.000	-.1740

MACH (1) = 1.100 BETAT (4) = 4.130

X/LB	1.039
PHI	
.000	-.0480
40.000	-.2150

MACH (1) = 1.100 BETAT (5) = 8.250

X/LB	1.039
PHI	
.000	-.0670
40.000	-.2840

MACH (2) = 1.247 BETAT (1) = -8.160

X/LB	1.039
PHI	
.000	-.1070
40.000	.0420

MACH (2) = 1.251 BETAT (2) = -4.060

X/LB	1.039
PHI	
.000	-.0880
40.000	-.0910

MACH (2) = 1.246 BETAT (3) = .020

X/LB	1.039
PHI	
.000	-.0750
40.000	-.0990

DATE 2[illegible] 73 TABULATED PRESSURE DATA - IA9A (RDMF41)

AMES 11-707 IA9 C2A + S3 + T9 BODY FLAP

SECTION (1)BODY FLAP DEPENDENT VARIABLE CP

MACH (2) = 1.247 BETAT (4) = 4.110

X/LB	1.039
PHI	
.000	-.0800
40.000	-.1860

MACH (2) = 1.246 BETAT (5) = 8.200

X/LB	1.039
PHI	
.000	-.1020
40.000	-.2680

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A (RBMF42) 25 APR 73

AMES 11-707 IA9 O2A + S3 + T9 BODY FLAP

REFERENCE DATA

SREF =	2.4210 SQ.FT.	XMRP =	28.5300 INCHES
LREF =	39.8490 INCHES	YMRP =	.0000 INCHES
BREF =	39.8490 INCHES	ZMRP =	.0000 INCHES
SCALE =	.0300 SCALE		

PARAMETRIC DATA

ALPHAT =	4.00	ORBINC =	.000
RUDDER =	-5.000	ELEVON =	.000
RUDFLR =	.000		

SECTION (1)BODY FLAP

DEPENDENT VARIABLE CP

MACH (1) = 1.101 BETAT (1) = -8.190

X/LB	1.039
PHI	
.000	-.0800
40.000	-.0930

MACH (1) = 1.102 BETAT (2) = -4.090

X/LB	1.039
PHI	
.000	-.0760
40.000	-.0970

MACH (1) = 1.098 BETAT (3) = .020

X/LB	1.039
PHI	
.000	-.0340
40.000	-.1370

MACH (1) = 1.099 BETAT (4) = 4.140

X/LB	1.039
PHI	
.000	-.0620
40.000	-.1910

MACH (1) = 1.100 BETAT (5) = 8.260

X/LB	1.039
PHI	
.000	-.0760
40.000	-.2660

MACH (2) = 1.245 BETAT (1) = -8.140

X/LB	1.039
PHI	
.000	-.0740
40.000	.0480

MACH (2) = 1.246 BETAT (2) = -4.060

X/LB	1.039
PHI	
.000	-.0930
40.000	.0070

MACH (2) = 1.249 BETAT (3) = .020

X/LB	1.039
PHI	
.000	-.0560
40.000	-.1190

DATE 21 SEP 73 TABULATED PRESSURE DATA - IA9A (RBMF42)

AMES 11-707 IA9 O2A + S3 + T9 BODY FLAP

SECTION (1)BODY FLAP DEPENDENT VARIABLE CP

MACH (2) = 1.247 BETAT (4) = 4.110

X/LB	1.039
PHI	
.000	-.0820
40.000	-.1700

MACH (2) = 1.246 BETAT (5) = 8.210

X/LB	1.039
PHI	
.000	-.0880
40.000	-.2570

DATE 20 SEP 73 TABULATED PRESSU DATA - IA9A (RBMF43) (20 SEP 73)

ANES 11-707 IA9 C2A + S3 + T9 BODY FLAP

REFERENCE DATA

SREF	=	2.4210 SQ.FT.	XMRP	=	28.5300 INCHES
LREF	=	39.8490 INCHES	YMRP	=	.0000 INCHES
BREF	=	39.8490 INCHES	ZMRP	=	.0000 INCHES
SCALE	=	.0300 SCALE			

PARAMETRIC DATA

ALPHAT =	8.000	ORBINC =	.500
RUDDER =	-5.000	ELEVON =	.000
RUDFLR =	.000		

SECTION (1)BODY FLAP

DEPENDENT VARIABLE CP

MACH (1) = 1.101 BETAT (1) = -8.160

X/LB	1.039
PHI	
.000	-.0690
40.000	-.0900

MACH (1) = 1.097 BETAT (2) = -4.070

X/LB	1.039
PHI	
.000	-.0950
40.000	-.1060

MACH (1) = 1.101 BETAT (3) = .010

X/LB	1.039
PHI	
.000	-.0340
40.000	-.1220

MACH (1) = 1.099 BETAT (4) = 4.150

X/LB	1.039
PHI	
.000	-.0500
40.000	-.1800

MACH (1) = 1.099 BETAT (5) = 8.300

X/LB	1.039
PHI	
.000	-.0610
40.000	-.2080

MACH (2) = 1.245 BETAT (1) = -8.110

X/LB	1.039
PHI	
.000	-.0570
40.000	.0300

MACH (2) = 1.249 BETAT (2) = -4.040

X/LB	1.039
PHI	
.000	-.0720
40.000	-.0510

MACH (2) = 1.246 BETAT (3) = .020

X/LB	1.039
PHI	
.000	-.0360
40.000	-.1120

DATE 2[illegible] SEP 73 TABULATED PRESSURE DATA - IA9A (RBMF43)

AMES 11-7U7 IA9 O2A + S3 + T9 BODY FLAP

SECTION (1)BODY FLAP DEPENDENT VARIABLE CP

MACH (2) = 1.245 BETAT (4) = 4.130

X/LB	1.039
PHI	
.000	-.0680
40.000	-.1630

MACH (2) = 1.246 BETAT (5) = 8.250

X/LB	1.039
PHI	
.000	-.0500
40.000	-.1980

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A (RBMF44) (27 APR 73)

AMES 11-707.IA9 OEA + S3 + T9 BODY FLAP

REFERENCE DATA

SREF =	2.4210 SQ.FT.	XMRP =	28.5300 INCHES
LREF =	39.8490 INCHES	YMRP =	.0000 INCHES
BREF =	39.8490 INCHES	ZMRP =	.0000 INCHES
SCALE =	.0300 SCALE		

PARAMETRIC DATA

BETAT =	.000	ORBINC =	-1.[illegible]
RUDDER =	.000	ELEVON =	.000
RUDFLR =	.000		

SECTION (1)BODY FLAP

DEPENDENT VARIABLE CP

MACH (1) = .600 ALPHAT(1) = -8.050

X/LB	1.039
PHI	
.000	.0810
40.000	-.1640

MACH (1) = .600 ALPHAT(2) = -5.990

X/LB	1.039
PHI	
.000	.0620
40.000	-.1630

MACH (1) = .598 ALPHAT(3) = -3.990

X/LB	1.039
PHI	
.000	.0240
40.000	-.1460

MACH (1) = .599 ALPHAT(4) = -1.970

X/LB	1.039
PHI	
.000	.0130
40.000	-.1550

MACH (1) = .600 ALPHAT(5) = .060

X/LB	1.039
PHI	
.000	.0010
40.000	-.1490

MACH (1) = .600 ALPHAT(6) = 2.070

X/LB	1.039
PHI	
.000	-.0120
40.000	-.1500

MACH (1) = .600 ALPHAT(7) = 4.010

X/LB	1.039
PHI	
.000	-.0540
40.000	-.1510

MACH (1) = .598 ALPHAT(8) = 6.040

X/LB	1.039
PHI	
.000	-.0500
40.000	-.1490

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A (RBMF44)

AMES 11-7D7 IA9 C2A + S3 + T9 BODY FLAP

SECTION (1)BODY FLAP DEPENDENT VARIABLE CP

MACH (1) = .599 ALPHAT(9) = 8.020

X/LB	1.039
PHI	
.000	-.0560
40.000	-.1350

MACH (2) = .901 ALPHAT(1) = -8.070

X/LB	1.039
PHI	
.000	-.0340
40.000	-.2060

MACH (2) = .901 ALPHAT(2) = -6.030

X/LB	1.039
PHI	
.000	-.0180
40.000	-.1840

MACH (2) = .899 ALPHAT(3) = -4.020

X/LB	1.039
PHI	
.000	.0010
40.000	-.1630

MACH (2) = .900 ALPHAT(4) = -1.690

X/LB	1.039
PHI	
.000	.0020
40.000	-.1570

MACH (2) = .902 ALPHAT(5) = .010

X/LB	1.039
PHI	
.000	-.0170
40.000	-.1580

MACH (2) = .902 ALPHAT(6) = 1.990

X/LB	1.039
PHI	
.000	-.0460
40.000	-.1680

MACH (2) = .901 ALPHAT(7) = 4.010

X/LB	1.039
PHI	
.000	-.0520
40.000	-.1900

MACH (2) = .904 ALPHAT(8) = 6.000

X/LB	1.039
PHI	
.000	-.0660
40.000	-.1940

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A (RBMF44)

AMES 11-707 IA9 02A + S3 + T9 BODY FLAP

SECTION (1)BODY FLAP DEPENDENT VARIABLE CP

MACH (2) = .898 ALPHAT(9) = 7.990

X/LB	1.039
PHI	
.000	-.0640
40.000	-.1500

MACH (3) = 1.103 ALPHAT(1) = -8.010

X/LB	1.039
PHI	
.000	-.1390
40.000	-.2530

MACH (3) = 1.097 ALPHAT(2) = -5.950

X/LB	1.039
PHI	
.000	-.1250
40.000	-.2410

MACH (3) = 1.100 ALPHAT(3) = -3.970

X/LB	1.039
PHI	
.000	-.1230
40.000	-.2200

MACH (3) = 1.102 ALPHAT(4) = -1.990

X/LB	1.039
PHI	
.000	-.1100
40.000	-.1910

MACH (3) = 1.100 ALPHAT(5) = .030

X/LB	1.039
PHI	
.000	-.1000
40.000	-.1740

MACH (3) = 1.101 ALPHAT(6) = 2.040

X/LB	1.039
PHI	
.000	-.0840
40.000	-.1630

MACH (3) = 1.102 ALPHAT(7) = 3.980

X/LB	1.039
PHI	
.000	-.0630
40.000	-.1450

MACH (3) = 1.105 ALPHAT(8) = 6.030

X/LB	1.039
PHI	
.000	-.0490
40.000	-.1290

DATE 2[illegible] SEP 73 TABULATED PRESSURE DATA - 1A9A (RBMF44)

AMES 11-707 1A9 C2A + S3 + T9 BODY FLAP

SECTION (1)BODY FLAP DEFENDENT VARIABLE CP

MACH (3) = 1.102 ALPHAT(9) = 8.010

X/LB	1.039
PHI	
.000	-.0610
40.000	-.1320

MACH (4) = 1.247 ALPHAT(1) = -8.060

X/LB	1.039
PHI	
.000	-.1560
40.000	-.1520

MACH (4) = 1.250 ALPHAT(2) = -5.960

X/LB	1.039
PHI	
.000	-.1450
40.000	-.1380

MACH (4) = 1.247 ALPHAT(3) = -3.960

X/LB	1.039
PHI	
.000	-.1200
40.000	-.1250

MACH (4) = 1.248 ALPHAT(4) = -2.000

X/LB	1.039
PHI	
.000	-.0960
40.000	-.1160

MACH (4) = 1.248 ALPHAT(5) = .020

X/LB	1.039
PHI	
.000	-.0870
40.000	-.1060

MACH (4) = 1.244 ALPHAT(6) = 2.070

X/LB	1.039
PHI	
.000	-.0720
40.000	-.1250

MACH (4) = 1.248 ALPHAT(7) = 4.020

X/LB	1.039
PHI	
.000	-.0760
40.000	-.1230

MACH (4) = 1.246 ALPHAT(8) = 6.030

X/LB	1.039
PHI	
.000	-.0710
40.000	-.1240

DATE 20 SEP 73

TABULATED PRESSURE DATA - IA9A

(RBMF44)

AMES 11-707 IA9 CBA + S3 + T9 BODY FLAP

SECTION (1)BODY FLAP

DEPENDENT VARIABLE CP

MACH (4) = 1.246 ALPHAT(9) = 8.010

X/LB	1.039
PHI	
.000	-.0670
40.000	-.1100

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A (RSMAP01) (27 APR 73)

AMES 11-707 IA9 02A + S3 + T9 OMS POD OUTSIDE

REFERENCE DATA

SREF = 2.4210 SQ.FT. XMRP = [illegible] INCHES
LREF = 39.8490 INCHES YMRP = .0000 INCHES
BREF = 39.8490 INCHES ZMRP = .0000 INCHES
SCALE = .0300 SCALE

PARAMETRIC DATA

BETAT = [illegible] ORBINC = 1.500
RUDDER = .000 ELEVON = .000
RUDFLR = [illegible]

SECTION (1)OMS POD OUTSIDE DEPENDENT VARIABLE CP

MACH (1) = .601 ALPHAT(1) = -8.140

X/LB	1.001
PHI	
110.000	-.2570
120.000	-.1970

MACH (1) = .598 ALPHAT(2) = -6.130

X/LB	1.001
PHI	
110.000	-.2620
120.000	-.1940

MACH (1) = .597 ALPHAT(3) = -4.100

X/LB	1.001
PHI	
110.000	-.2580
120.000	-.1940

MACH (1) = .599 ALPHAT(4) = -2.060

X/LB	1.001
PHI	
110.000	-.2520
120.000	-.1880

MACH (1) = .597 ALPHAT(5) = -.060

X/LB	1.001
PHI	
110.000	-.2480
120.000	-.1860

MACH (1) = .598 ALPHAT(6) = 1.960

X/LB	1.001
PHI	
110.000	-.2390
120.000	-.1810

MACH (1) = .597 ALPHAT(7) = 3.930

X/LB	1.001
PHI	
110.000	-.2320
120.000	-.1810

MACH (1) = .600 ALPHAT(8) = 5.900

X/LB	1.001
PHI	
110.000	-.2380
120.000	-.1850

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A

AMES 11-7?7 IA9 02A + S3 + T9 OMS POD OUTSIDE

SECTION (1)OMS POD OUTSIDE DEPENDENT VARIABLE CP

MACH (1) = .599 ALPHAT(9) = 7.950

X/LB	1.001
PHI	
110.000	-.2310
120.000	-.1830

MACH (2) = .905 ALPHAT(1) = -8.020

X/LB	1.001
PHI	
110.000	-.3010
120.000	-.2350

MACH (2) = .899 ALPHAT(2) = -5.960

X/LB	1.001
PHI	
110.000	-.2860
120.000	-.2200

MACH (2) = .898 ALPHAT(3) = -4.000

X/LB	1.001
PHI	
110.000	-.2760
120.000	-.2080

MACH (2) = .902 ALPHAT(4) = -1.980

X/LB	1.001
PHI	
110.000	-.2690
120.000	-.2000

MACH (2) = .902 ALPHAT(5) = .030

X/LB	1.001
PHI	
110.000	-.2600
120.000	-.1910

MACH (2) = .901 ALPHAT(6) = 2.100

X/LB	1.001
PHI	
110.000	-.2560
120.000	-.1920

MACH (2) = .899 ALPHAT(7) = 4.030

X/LB	1.001
PHI	
110.000	-.2470
120.000	-.1920

MACH (2) = .901 ALPHAT(8) = 6.000

X/LB	1.001
PHI	
110.000	-.2570
120.000	-.2090

DATE 2[illegible] SEP 73 TABULATED PRESSURE DATA - IA9A

AMES 11-707 IA9 C2A + S3 + T9 CMS POD OUTSIDE (RBMM01)

SECTION (1)CMS POD OUTSIDE DEPENDENT VARIABLE CP

MACH (2) = .902 ALPHAT(9) = 8.030

X/LB	1.001
PHI	
110.000	-.2880
120.000	-.2240

MACH (2) = .901 ALPHAT(10) = 10.000

X/LB	1.001
PHI	
110.000	-.2940
120.000	-.2520

MACH (3) = 1.104 ALPHAT(1) = -8.010

X/LB	1.001
PHI	
110.000	-.3100
120.000	-.2470

MACH (3) = 1.101 ALPHAT(2) = -5.990

X/LB	1.001
PHI	
110.000	-.3290
120.000	-.2550

MACH (3) = 1.104 ALPHAT(3) = -3.980

X/LB	1.001
PHI	
110.000	-.3310
120.000	-.2640

MACH (3) = 1.102 ALPHAT(4) = -2.000

X/LB	1.001
PHI	
110.000	-.3480
120.000	-.2800

MACH (3) = 1.102 ALPHAT(5) = .030

X/LB	1.001
PHI	
110.000	-.3650
120.000	-.2960

MACH (3) = 1.101 ALPHAT(6) = 2.010

X/LB	1.001
PHI	
110.000	-.3650
120.000	-.2990

MACH (3) = 1.102 ALPHAT(7) = 4.020

X/LB	1.001
PHI	
110.000	-.3680
120.000	-.3150

DATE 25 SEP 73 TABULATED PRESSURE DATA - IA9A (RBMM01)

AMES 11-707 IA9 OEA + S3 + T9 OMS POD OUTSIDE

SECTION (1)OMS POD OUTSIDE DEPENDENT VARIABLE CP

MACH (3) = 1.105 ALPHAT(8) = 5.980

X/LB	1.001
PHI	
110.000	-.1030
120.000	-.3000

MACH (3) = 1.102 ALPHAT(9) = 7.980

X/LB	1.001
PHI	
110.000	-.2580
120.000	-.1620

MACH (3) = 1.102 ALPHAT(10) = 9.950

X/LB	1.001
PHI	
110.000	-.3290
120.000	-.2400

MACH (4) = 1.250 ALPHAT(1) = -8.000

X/LB	1.001
PHI	
110.000	-.1910
120.000	-.1340

MACH (4) = 1.252 ALPHAT(2) = -5.980

X/LB	1.001
PHI	
110.000	-.2020
120.000	-.1530

MACH (4) = 1.248 ALPHAT(3) = -4.030

X/LB	1.001
PHI	
110.000	-.2170
120.000	-.1690

MACH (4) = 1.250 ALPHAT(4) = -1.980

X/LB	1.001
PHI	
110.000	-.2380
120.000	-.1890

MACH (4) = 1.249 ALPHAT(5) = .040

X/LB	1.001
PHI	
110.000	-.2520
120.000	-.2040

MACH (4) = 1.247 ALPHAT(6) = 2.030

X/LB	1.001
PHI	
110.000	-.2760
120.000	-.2270

DATE 25 SEP 73 TABULATED PRESSURE DATA - IA9A (RBMM01)

AMES 11-707 IA9 C2A + S3 + T9 OMS POD OUTSIDE

SECTION (1)OMS POD OUTSIDE DEPENDENT VARIABLE CP

MACH (4) = 1.248 ALPHAT(7) = 4.040

X/LB	1.001
PHI	
110.000	-.2820
120.000	-.2360

MACH (4) = 1.247 ALPHAT(8) = 6.010

X/LB	1.001
PHI	
110.000	-.2980
120.000	-.2520

MACH (4) = 1.247 ALPHAT(9) = 8.010

X/LB	1.001
PHI	
110.000	-.3150
120.000	-.2610

MACH (4) = 1.246 ALPHAT(10) = 9.960

X/LB	1.001
PHI	
110.000	-.2510
120.000	-.1760

DATE 20 SEP 73

TABULATED PRESSURE DATA - IA9A

AMES 11-707 IA9 O2A + S3 + T9 OMS POD OUTSIDE

(RBMM02) (27 APR 73)

REFERENCE DATA

SREF	=	2.4210 SQ.FT.	XMRP	=	28.5300 INCHES
LREF	=	39.8490 INCHES	YMRP	=	.0000 INCHES
BREF	=	39.8490 INCHES	ZMRP	=	.0000 INCHES
SCALE	=	.0300 SCALE			

PARAMETRIC DATA

BETAT	=	.000	ORBINC	=	.500
RUDDER	=	.000	ELEVON	=	.000
RUDFLR	=	.000			

SECTION (1)OMS POD OUTSIDE

DEPENDENT VARIABLE CP

MACH (1) = .598 ALPHAT(1) = -8.020

X/LB	1.001
PHI	
110.000	-.2630
120.000	-.1960

MACH (1) = .598 ALPHAT(2) = -6.020

X/LB	1.001
PHI	
110.000	-.2570
120.000	-.1960

MACH (1) = .599 ALPHAT(3) = -3.990

X/LB	1.001
PHI	
110.000	-.2470
120.000	-.1870

MACH (1) = .598 ALPHAT(4) = -1.910

X/LB	1.001
PHI	
110.000	-.2500
120.000	-.1850

MACH (1) = .599 ALPHAT(5) = .020

X/LB	1.001
PHI	
110.000	-.2490
120.000	-.1830

MACH (1) = .599 ALPHAT(6) = 2.020

X/LB	1.001
PHI	
110.000	-.2470
120.000	-.1770

MACH (1) = .597 ALPHAT(7) = 4.020

X/LB	1.001
PHI	
110.000	-.2370
120.000	-.1710

MACH (1) = .599 ALPHAT(8) = 6.010

X/LB	1.001
PHI	
110.000	-.2350
120.000	-.1850

DATE 2[illegible] SEP 73 TABULATED PRESSURE DATA - IA9A (RBMM02)

AMES 11-7ft IA9 02A + S3 + T9 OMS POD OUTSIDE

SECTION (1)OMS POD OUTSIDE DEPENDENT VARIABLE CP

MACH (1) = .597 ALPHAT(9) = 8.000

X/LB	1.001
PHI	
110.000	-.2320
120.000	-.1810

MACH (2) = .903 ALPHAT(1) = -8.000

X/LB	1.001
PHI	
110.000	-.3040
120.000	-.2410

MACH (2) = .901 ALPHAT(2) = -6.020

X/LB	1.001
PHI	
110.000	-.2920
120.000	-.2240

MACH (2) = .900 ALPHAT(3) = -4.030

X/LB	1.001
PHI	
110.000	-.2820
120.000	-.2150

MACH (2) = .898 ALPHAT(4) = -1.990

X/LB	1.001
PHI	
110.000	-.2680
120.000	-.1990

MACH (2) = .899 ALPHAT(5) = .010

X/LB	1.001
PHI	
110.000	-.2570
120.000	-.1890

MACH (2) = .898 ALPHAT(6) = 2.040

X/LB	1.001
PHI	
110.000	-.2520
120.000	-.1870

MACH (2) = .905 ALPHAT(7) = 4.040

X/LB	1.001
PHI	
110.000	-.2480
120.000	-.1880

MACH (2) = .897 ALPHAT(8) = 6.030

X/LB	1.001
PHI	
110.000	-.2500
120.000	-.1910

DATE 20 SEP 73 TABULATED PRESSURE DATA - 1A9A (RBM#02)

AMES 11-707 1A9 02A + S3 + T9 OMS POD OUTSIDE

SECTION (1)OMS POD OUTSIDE DEPENDENT VARIABLE CP

MACH (2) = .900 ALPHAT(9) = 8.000

X/LB	1.001
PHI	
110.000	-.2610
120.000	-.2060

MACH (3) = 1.102 ALPHAT(1) = -8.050

X/LB	1.001
PHI	
110.000	-.3060
120.000	-.2390

MACH (3) = 1.103 ALPHAT(2) = -6.010

X/LB	1.001
PHI	
110.000	-.3150
120.000	-.2470

MACH (3) = 1.102 ALPHAT(3) = -4.000

X/LB	1.001
PHI	
110.000	-.3240
120.000	-.2540

MACH (3) = 1.102 ALPHAT(4) = -1.990

X/LB	1.001
PHI	
110.000	-.3340
120.000	-.2660

MACH (3) = 1.102 ALPHAT(5) = -.090

X/LB	1.001
PHI	
110.000	-.3390
120.000	-.2830

MACH (3) = 1.102 ALPHAT(6) = 1.980

X/LB	1.001
PHI	
110.000	-.3560
120.000	-.2880

MACH (3) = 1.102 ALPHAT(7) = 3.980

X/LB	1.001
PHI	
110.000	-.3720
120.000	-.3050

MACH (3) = 1.102 ALPHAT(8) = 5.970

X/LB	1.001
PHI	
110.000	-.3760
120.000	-.3210

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A (RBMM02)

AMES 11-707 IA9 O2A + S3 + T9 OMS POD OUTSIDE

SECTION (1)OMS POD OUTSIDE DEPENDENT VARIABLE CP

MACH (3) = 1.101 ALPHAT(9) = 7.940

X/LB	1.001
PHI	
110.000	-.1850
120.000	-.0770

MACH (4) = 1.249 ALPHAT(1) = -8.060

X/LB	1.001
PHI	
110.000	-.1840
120.000	-.1330

MACH (4) = 1.248 ALPHAT(2) = -6.020

X/LB	1.001
PHI	
110.000	-.1900
120.000	-.1330

MACH (4) = 1.249 ALPHAT(3) = -3.980

X/LB	1.001
PHI	
110.000	-.2060
120.000	-.1470

MACH (4) = 1.245 ALPHAT(4) = -1.950

X/LB	1.001
PHI	
110.000	-.2490
120.000	-.1690

MACH (4) = 1.246 ALPHAT(5) = .040

X/LB	1.001
PHI	
110.000	-.2420
120.000	-.1850

MACH (4) = 1.244 ALPHAT(6) = 2.030

X/LB	1.001
PHI	
110.000	-.2640
120.000	-.1990

MACH (4) = 1.245 ALPHAT(7) = 3.970

X/LB	1.001
PHI	
110.000	-.2710
120.000	-.2150

MACH (4) = 1.245 ALPHAT(8) = 5.990

X/LB	1.001
PHI	
110.000	-.2790
120.000	-.2420

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A (RBM#02)

AMES 11-707 IA9 O2A + S3 + T9 OMS POD OUTSIDE

SECTION (1)OMS POD OUTSIDE DEPENDENT VARIABLE CP

MACH (4) = 1.247 ALPHAT(9) = 7.980

X/LB	1.001
PHI	
110.000	-.3020
120.000	-.2520

MACH (5) = 1.401 ALPHAT(1) = -8.050

X/LB	1.001
PHI	
110.000	-.1130
120.000	-.0910

MACH (5) = 1.398 ALPHAT(2) = -5.970

X/LB	1.001
PHI	
110.000	-.1280
120.000	-.0990

MACH (5) = 1.398 ALPHAT(3) = -3.980

X/LB	1.001
PHI	
110.000	-.1480
120.000	-.1210

MACH (5) = 1.398 ALPHAT(4) = -1.990

X/LB	1.001
PHI	
110.000	-.1630
120.000	-.1370

MACH (5) = 1.398 ALPHAT(5) = .040

X/LB	1.001
PHI	
110.000	-.1820
120.000	-.1510

MACH (5) = 1.395 ALPHAT(6) = 2.000

X/LB	1.001
PHI	
110.000	-.1950
120.000	-.1580

MACH (5) = 1.394 ALPHAT(7) = 3.960

X/LB	1.001
PHI	
110.000	-.2130
120.000	-.1750

MACH (5) = 1.396 ALPHAT(8) = 6.030

X/LB	1.001
PHI	
110.000	-.2270
120.000	-.2020

DATE 2[illegible] SEP 73 TABULATED PRESSURE DATA - IA9A (RBM#02)

AMES 11-707 IA9 02A + S3 + T9 OMS POD OUTSIDE

SECTION (. OMS POD OUTSIDE DEPENDENT VARIABLE CP

MACH (5) = 1.391 ALPHAT(9) = 7.990

X/LB	1.001
PHI	
110.000	-.2460
120.000	- 2230

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A

AMES 11-707 IA9 O2A + S3 + T9 OMS POD OUTSIDE (RBMMJ3) 28 APR 73

REFERENCE DATA

SREF =	2.4210 SQ.FT.	XMRP =	28.5300 INCHES
LREF =	39.8490 INCHES	YMRP =	.0000 INCHES
BREF =	39.8490 INCHES	ZMRP =	.0000 INCHES
SCALE =	.0300 SCALE		

PARAMETRIC DATA

ALPHAT =	-8.000	ORBINC =	.500
RUDDER =	.000	ELEVON =	.000
RUDFLR =	.000		

SECTION (1)OMS POD OUTSIDE DEPENDENT VARIABLE CP

MACH (1) = .599 BETAT (1) = -8.050	X/LB	1.001
	PHI	
	110.000	-.2610
	120.000	-.1630
MACH (1) = .598 BETAT (2) = -6.030	X/LB	1.001
	PHI	
	110.000	-.2690
	120.000	-.1760
MACH (1) = .596 BETAT (3) = -4.020	X/LB	1.001
	PHI	
	110.000	-.2600
	120.000	-.1830
MACH (1) = .598 BETAT (4) = -2.000	X/LB	1.001
	PHI	
	110.000	-.2710
	120.000	-.1960
MACH (1) = .598 BETAT (5) = .020	X/LB	1.001
	PHI	
	110.000	-.2670
	120.000	-.2020
MACH (1) = .598 BETAT (6) = 2.060	X/LB	1.001
	PHI	
	110.000	-.2640
	120.000	-.2170
MACH (1) = .598 BETAT (7) = 4.100	X/LB	1.001
	PHI	
	110.000	-.2820
	120.000	-.2370
MACH (1) = .598 BETAT (8) = 6.140	X/LB	1.001
	PHI	
	110.000	-.2790
	120.000	-.2540

DATE 2[illegible] SEP 73 TABULATED PRESSURE DATA - IA9A (REM#03)

AMES 11-707 IA9 C2A + S3 + T9 OMS POD OUTSIDE

SECTION (1)OMS POD OUTSIDE DEPENDENT VARIABLE CP

MACH (1) = .599 BETAT (9) = 8.180

X/LB	1.001
PHI	
110.000	-.2830
120.000	-.2630

MACH (2) = .901 BETAT (1) = -8.140

X/LB	1.001
PHI	
110.000	-.2830
120.000	-.1720

MACH (2) = .900 BETAT (2) = -6.100

X/LB	1.001
PHI	
110.000	-.2850
120.000	-.1860

MACH (2) = .900 BETAT (3) = -4.050

X/LB	1.001
PHI	
110.000	-.2880
120.000	-.1930

MACH (2) = .898 BETAT (4) = -2.020

X/LB	1.001
PHI	
110.000	-.2850
120.000	-.2070

MACH (2) = .899 BETAT (5) = 2.080

X/LB	1.001
PHI	
110.000	-.2980
120.000	-.2540

MACH (2) = .898 BETAT (6) = 4.140

X/LB	1.001
PHI	
110.000	-.3220
120.000	-.2810

MACH (2) = .901 BETAT (7) = 6.210

X/LB	1.001
PHI	
110.000	-.3220
120.000	-.2920

MACH (2) = .900 BETAT (8) = 8.270

X/LB	1.001
PHI	
110.000	-.3110
120.000	-.3230

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A

AMES 11-707 IA9 02A + S3 + T9 OMS POD OUTSIDE (RBM#03)

SECTION (1)OMS POD OUTSIDE DEPENDENT VARIABLE CP

MACH (3) = 1.101 BETAT (1) = -8.170

X/LB	1.001
PHI	
110.000	-.1740
120.000	-.0370

MACH (3) = 1.100 BETAT (2) = -6.120

X/LB	1.001
PHI	
110.000	-.1900
120.000	-.0930

MACH (3) = 1.102 BETAT (3) = -4.060

X/LB	1.001
PHI	
110.000	-.2470
120.000	-.1510

MACH (3) = 1.100 BETAT (4) = -2.030

X/LB	1.001
PHI	
110.000	-.2670
120.000	-.1950

MACH (3) = 1.099 BETAT (5) = .020

X/LB	1.001
PHI	
110.000	-.3030
120.000	-.2400

MACH (3) = 1.101 BETAT (6) = 2.090

X/LB	1.001
PHI	
110.000	-.3260
120.000	-.2760

MACH (3) = 1.100 BETAT (7) = 4.160

X/LB	1.001
PHI	
110.000	-.3550
120.000	-.3150

MACH (3) = 1.103 BETAT (8) = 6.240

X/LB	1.001
PHI	
110.000	-.3760
120.000	-.3380

MACH (3) = 1.101 BETAT (9) = 7.800

X/LB	1.001
PHI	
110.000	-.3810
120.000	-.3540

DATE 27 SEP 73 TABULATED PRESSURE DATA - IA9A (RBMM03)

AMES 11-707 IA9 O2A + S3 + T9 OMS POD OUTSIDE

SECTION (1)OMS POD OUTSIDE DEPENDENT VARIABLE CP

MACH (4) = 1.248 BETAT (1) = -8.130

X/LB	1.001
PHI	
110.000	-.0890
120.000	.0190

MACH (4) = 1.249 BETAT (2) = -6.080

X/LB	1.001
PHI	
110.000	-.1100
120.000	-.0290

MACH (4) = 1.245 BETAT (3) = -4.050

X/LB	1.001
PHI	
110.000	-.1310
120.000	-.0620

MACH (4) = 1.246 BETAT (4) = -2.020

X/LB	1.001
PHI	
110.000	-.1550
120.000	-.0990

MACH (4) = 1.247 BETAT (5) = 2.080

X/LB	1.001
PHI	
110.000	-.2010
120.000	-.1540

MACH (4) = 1.247 BETAT (6) = 4.140

X/LB	1.001
PHI	
110.000	-.2280
120.000	-.1710

MACH (4) = 1.248 BETAT (7) = 6.190

X/LB	1.001
PHI	
110.000	-.2390
120.000	-.1970

MACH (4) = 1.251 BETAT (8) = 8.250

X/LB	1.001
PHI	
110.000	-.2660
120.000	-.2430

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A

AMES 11-707 IA9 O2A + S3 + T9 OMS POD OUTSIDE (RBMM14) (28 APR 73)

REFERENCE DATA

SREF =	2.4210 SQ.FT.	XMRP =	28.5300 INCHES
LREF =	39.8490 INCHES	YMRP =	.0000 INCHES
BREF =	39.8490 INCHES	ZMRP =	.0000 INCHES
SCALE =	.0300 SCALE		

PARAMETRIC DATA

ALPHAT =	-5.[illegible]	OFBINC =	[illegible]
RUDDER =	.[illegible]	ELEVON =	.[illegible]
RUDFLR =	[illegible]		

SECTION (1)OMS POD OUTSIDE DEPENDENT VARIABLE CP

MACH (1) = .598	BETAT (1) = -8.060	X/LB	1.001
		PHI	
		110.000	-.2580
		120.000	-.1680
MACH (1) = .597	BETAT (2) = -6.040	X/LB	1.001
		PHI	
		110.000	-.2490
		120.000	-.1700
MACH (1) = .599	BETAT (3) = -4.020	X/LB	1.001
		PHI	
		110.000	-.2540
		120.000	-.1780
MACH (1) = .599	BETAT (4) = -2.000	X/LB	1.001
		PHI	
		110.000	-.2600
		120.000	-.1900
MACH (1) = .600	BETAT (5) = .020	X/LB	1.001
		PHI	
		110.000	-.2630
		120.000	-.2000
MACH (1) = .599	BETAT (6) = 2.060	X/LB	1.001
		PHI	
		110.000	-.2550
		120.000	-.2110
MACH (1) = .599	BETAT (7) = 4.090	X/LB	1.001
		PHI	
		110.000	-.2690
		120.000	-.2300
MACH (1) = .600	BETAT (8) = 6.120	X/LB	1.001
		PHI	
		110.000	-.2800
		120.000	-.2400

AMES 11-7X7 IA9 O2A + S3 + T9 OMS POD OUTSIDE (RBMM04)

SECTION (1)OMS POD OUTSIDE DEPENDENT VARIABLE CP

MACH (1) = .601 BETAT (9) = 8.160

X/LB	1.001
PHI	
110.000	-.2890
120.000	-.2710

MACH (2) = .899 BETAT (1) = -8.160

X/LB	1.001
PHI	
110.000	-.2690
120.000	-.1690

MACH (2) = .897 BETAT (2) = -6.100

X/LB	1.001
PHI	
110.000	-.2680
120.000	-.1780

MACH (2) = .902 BETAT (3) = -4.070

X/LB	1.001
PHI	
110.000	-.2770
120.000	-.1900

MACH (2) = .900 BETAT (4) = -2.030

X/LB	1.001
PHI	
110.000	-.2820
120.000	-.2000

MACH (2) = .902 BETAT (5) = 2.080

X/LB	1.001
PHI	
110.000	-.3040
120.000	-.2450

MACH (2) = .903 BETAT (6) = 4.140

X/LB	1.001
PHI	
110.000	-.3100
120.000	-.2590

MACH (2) = .900 BETAT (7) = 6.190

X/LB	1.001
PHI	
110.000	-.3170
120.000	-.2770

MACH (2) = .898 BETAT (8) = 8.240

X/LB	1.001
PHI	
110.000	-.3070
120.000	-.3020

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A (RBMM64)

AMES 11-707 1A9 OBA + S3 + T9 OMS POD OUTSIDE

SECTION (1)OMS POD OUTSIDE DEPENDENT VARIABLE CP

MACH (3) = 1.100 BETAT (1) = -8.195

X/LB	1.001
PHI	
110.000	-.1670
120.000	-.0200

MACH (3) = 1.099 BETAT (2) = -6.120

X/LB	1.001
PHI	
110.000	-.2460
120.000	-.1450

MACH (3) = 1.101 BETAT (3) = -4.080

X/LB	1.001
PHI	
110.000	-.2560
120.000	-.1750

MACH (3) = 1.101 BETAT (4) = -2.030

X/LB	1.001
PHI	
110.000	-.2910
120.000	-.2110

MACH (3) = 1.099 BETAT (5) = 2.090

X/LB	1.001
PHI	
110.000	-.3360
120.000	-.2830

MACH (3) = 1.098 BETAT (6) = 4.150

X/LB	1.001
PHI	
110.000	-.3680
120.000	-.3160

MACH (3) = 1.100 BETAT (7) = 6.210

X/LB	1.001
PHI	
110.000	-.3800
120.000	-.3450

MACH (3) = 1.098 BETAT (8) = 8.290

X/LB	1.001
PHI	
110.000	-.3890
120.000	-.3640

MACH (4) = 1.248 BETAT (1) = -8.140

X/LB	1.001
PHI	
110.000	-.1080
120.000	-.0120

AMES 11-7ft IA9 C2A + S3 + T9 OMS POD OUTSIDE (RBMM04)

SECTION (1)OMS POD OUTSIDE DEPENDENT VARIABLE CP

MACH (4) = 1.246 BETAT (2) = -6.100

X/LB	1.001
PHI	
110.000	-.1240
120.000	-.0470

MACH (4) = 1.244 BETAT (3) = -4.060

X/LB	1.001
PHI	
110.000	-.1410
120.000	-.0740

MACH (4) = 1.247 BETAT (4) = -2.020

X/LB	1.001
PHI	
110.000	-.1630
120.000	-.0960

MACH (4) = 1.245 BETAT (5) = 2.070

X/LB	1.001
PHI	
110.000	-.2120
120.000	-.1690

MACH (4) = 1.248 BETAT (6) = 4.120

X/LB	1.001
PHI	
110.000	-.2250
120.000	-.1720

MACH (4) = 1.245 BETAT (7) = 6.170

X/LB	1.001
PHI	
110.000	-.2490
120.000	-.2090

MACH (4) = 1.245 BETAT (8) = 8.210

X/LB	1.001
PHI	
110.000	-.2680
120.000	-.2410

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A (RBMM05) (28 APR 73)

AMES 11-707 IA9 OEA + S3 + T9 OMS POD OUTSIDE

REFERENCE DATA

SREF =	2.4210 SQ.FT.	XMRP =	28.5300 INCHES		
LREF =	39.8490 INCHES	YMRP =	.0000 INCHES		
BREF =	39.8490 INCHES	ZMRP =	.0000 INCHES		
SCALE =	.0300 SCALE				

PARAMETRIC DATA

ALPHAT =	-4.000	ORBINC =	.500
RUDDER =	.000	ELEVON =	.000
RUDFLR =	.000		

SECTION (1)OMS POD OUTSIDE

DEPENDENT VARIABLE CP

MACH (1) = .600 BETAT (1) = .020

X/LB	1.001
PHI	
110.000	-.2580
120.000	-.1940

MACH (1) = .598 BETAT (2) = 4.080

X/LB	1.001
PHI	
110.000	-.2790
120.000	-.2220

MACH (1) = .599 BETAT (3) = 6.120

X/LB	1.001
PHI	
110.000	-.2770
120.000	-.2480

MACH (1) = .599 BETAT (4) = 8.150

X/LB	1.001
PHI	
110.000	-.2870
120.000	-.2650

MACH (2) = .903 BETAT (1) = -8.170

X/LB	1.001
PHI	
110.000	-.2540
120.000	-.1580

MACH (2) = .901 BETAT (2) = -6.110

X/LB	1.001
PHI	
110.000	-.2590
120.000	-.1730

MACH (2) = .902 BETAT (3) = -4.070

X/LB	1.001
PHI	
110.000	-.2700
120.000	-.1870

MACH (2) = .901 BETAT (4) = -2.030

X/LB	1.001
PHI	
110.000	-.2680
120.000	-.1960

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A (RBMM05)

AMES 11-707 IA9 C2A + S3 + T9 OMS POD OUTSIDE

SECTION (1)OMS POD OUTSIDE DEPENDENT VARIABLE CP

MACH (1) = .903 BETAT (5) = 2.070

X/LB	1.001
PHI	
110.000	-.3000
120.000	-.2290

MACH (2) = .900 BETAT (6) = 4.120

X/LB	1.001
PHI	
110.000	-.3020
120.000	-.2470

MACH (2) = .904 BETAT (7) = 6.170

X/LB	1.001
PHI	
110.000	-.2990
120.000	-.2520

MACH (2) = .899 BETAT (8) = 8.230

X/LB	1.001
PHI	
110.000	-.3000
120.000	-.2840

MACH (3) = 1.100 BETAT (1) = -8.200

X/LB	1.001
PHI	
110.000	-.1380
120.000	-.1040

MACH (3) = 1.097 BETAT (2) = -6.130

X/LB	1.001
PHI	
110.000	-.2510
120.000	-.1640

MACH (3) = 1.101 BETAT (3) = -4.080

X/LB	1.001
PHI	
110.000	-.2870
120.000	-.1870

MACH (3) = 1.099 BETAT (4) = -2.030

X/LB	1.001
PHI	
110.000	-.3050
120.000	-.2230

MACH (3) = 1.101 BETAT (5) = 2.080

X/LB	1.001
PHI	
110.000	-.3490
120.000	-.2930

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A (RBMM05)

AMES 11-707 IA9 C2A + S3 + T9 CMS POD OUTSIDE

SECTION (1)CMS POD OUTSIDE DEPENDENT VARIABLE CP

MACH (3) = 1.102 BETAT (6) = 4.140

X/LB	1.001
PHI	
110.000	-.3720
120.000	-.3250

MACH (3) = 1.100 BETAT (7) = 6.200

X/LB	1.001
PHI	
110.000	-.3620
120.000	-.3510

MACH (3) = 1.100 BETAT (8) = 8.270

X/LB	1.001
PHI	
110.000	-.3690
120.000	-.3670

MACH (4) = 1.249 BETAT (1) = -8.150

X/LB	1.001
PHI	
110.000	-.1250
120.000	-.0340

MACH (4) = 1.245 BETAT (2) = -6.110

X/LB	1.001
PHI	
110.000	-.1390
120.000	-.0610

MACH (4) = 1.245 BETAT (3) = -4.080

X/LB	1.001
PHI	
110.000	-.1590
120.000	-.0880

MACH (4) = 1.246 BETAT (4) = -2.020

X/LB	1.001
PHI	
110.000	-.1750
120.000	-.1130

MACH (4) = 1.243 BETAT (5) = 2.080

X/LB	1.001
PHI	
110.000	-.2220
120.000	-.1810

MACH (4) = 1.241 BETAT (6) = 4.120

X/LB	1.001
PHI	
110.000	-.2180
120.000	-.1830

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A (RBMM05)

AMES 11-7D7 IA9 O2A + S3 + T9 OMS POD OUTSIDE

SECTION (1)OMS POD OUTSIDE DEPENDENT VARIABLE CP

MACH (4) = 1.244 BETAT (7) = 6.165

X/LB	1.001
PHI	
110.000	-.2600
120.000	-.2280

MACH (4) = 1.247 BETAT (8) = 8.210

X/LB	1.001
PHI	
110.000	-.2730
120.000	-.2480

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A (RBMM06) (28 APR 73)

AMES 11-707 IA9 OEA + S3 + T9 OMS POD OUTSIDE

PARAMETRIC DATA

ALPHAT = -2.000 ORBINC = .500
RUDDER = .000 ELEVON = .000
RUDFLR = .000

REFERENCE DATA

SREF = 2.4210 SQ.FT. XMRP = 23.5300 INCHES
LREF = 39.8490 INCHES YMRP = .0000 INCHES
BREF = 39.8490 INCHES ZMRP = .0000 INCHES
SCALE = .0300 SCALE

SECTION (1)OMS POD OUTSIDE DEPENDENT VARIABLE CP

MACH (1) = .599 BETAT (1) = -8.090

X/LB	1.001
PHI	
110.000	-.2260
120.000	-.1550

MACH (1) = .599 BETAT (2) = -6.080

X/LB	1.001
PHI	
110.000	-.2200
120.000	-.1510

MACH (1) = .598 BETAT (3) = -4.040

X/LB	1.001
PHI	
110.000	-.2390
120.000	-.1660

MACH (1) = .600 BETAT (4) = -2.000

X/LB	1.001
PHI	
110.000	-.2480
120.000	-.1760

MACH (1) = .601 BETAT (5) = .020

X/LB	1.001
PHI	
110.000	-.2530
120.000	-.1800

MACH (1) = .601 BETAT (6) = 2.050

X/LB	1.001
PHI	
110.000	-.2630
120.000	-.2050

MACH (1) = .601 BETAT (7) = 4.080

X/LB	1.001
PHI	
110.000	-.2740
120.000	-.2250

MACH (1) = .599 BETAT (8) = 6.110

X/LB	1.001
PHI	
110.000	-.2780
120.000	-.2440

AMES 11-707 IA9 O2A + S3 + T9 OMS POD OUTSIDE (RBM#6)

SECTION (1)OMS POD OUTSIDE DEPENDENT VARIABLE CP

MACH (1) = .600 BETAT (9) = 8.140

X/LB	1.001
PHI	
110.000	-.2940
120.000	-.2650

MACH (2) = .904 BETAT (1) = -8.180

X/LB	1.001
PHI	
110.000	-.2360
120.000	-.1580

MACH (2) = .901 BETAT (2) = -6.130

X/LB	1.001
PHI	
110.000	-.2440
120.000	-.1650

MACH (2) = .902 BETAT (3) = -4.070

X/LB	1.001
PHI	
110.000	-.2480
120.000	-.1740

MACH (2) = .901 BETAT (4) = -2.030

X/LB	1.001
PHI	
110.000	-.2620
120.000	-.1870

MACH (2) = .903 BETAT (5) = 2.080

X/LB	1.001
PHI	
110.000	-.2840
120.000	-.2200

MACH (2) = .903 BETAT (6) = 4.130

X/LB	1.001
PHI	
110.000	-.2970
120.000	-.2320

MACH (2) = .907 BETAT (7) = 6.180

X/LB	1.001
PHI	
110.000	-.2990
120.000	-.2390

MACH (2) = .904 BETAT (8) = 6.230

X/LB	1.001
PHI	
110.000	-.2910
120.000	-.2650

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A (RBMM06)

AMES 11-707 IA9 O2A + S3 + T9 CMS POD OUTSIDE

SECTION (1)CMS POD OUTSIDE DEPENDENT VARIABLE CP

MACH (3) = 1.099 BETAT (1) = -8.210

X/LB	1.001
PHI	
110.000	-.2360
120.000	-.1420

MACH (3) = 1.100 BETAT (2) = -6.140

X/LB	1.001
PHI	
110.000	-.2750
120.000	-.1760

MACH (3) = 1.100 BETAT (3) = -4.080

X/LB	1.001
PHI	
110.000	-.3020
120.000	-.2050

MACH (3) = 1.099 BETAT (4) = -2.030

X/LB	1.001
PHI	
110.000	-.3190
120.000	-.2420

MACH (3) = 1.101 BETAT (5) = 2.080

X/LB	1.001
PHI	
110.000	-.3580
120.000	-.2970

MACH (3) = 1.100 BETAT (6) = 4.130

X/LB	1.001
PHI	
110.000	-.3760
120.000	-.3330

MACH (3) = 1.100 BETAT (7) = 6.190

X/LB	1.001
PHI	
110.000	-.3880
120.000	-.3570

MACH (3) = 1.101 BETAT (8) = 8.260

X/LB	1.001
PHI	
110.000	-.3960
120.000	-.3660

MACH (4) = 1.248 BETAT (1) = -8.160

X/LB	1.001
PHI	
110.000	-.1490
120.000	-.0530

DATE 25 SEP 73 TABULATED PRESSURE DATA - IA9A

AMES 11-707 IA9 C2A + S3 + T9 OMS POD OUTSIDE (RBM=6)

SECTION (1)OMS POD OUTSIDE DEPENDENT VARIABLE CP

MACH (4) = 1.248 BETAT (2) = -6.110

X/LB	1.001
PHI	
110.000	-.1650
120.000	-.0780

MACH (4) = 1.248 BETAT (3) = -4.070

X/LB	1.001
PHI	
110.000	-.1800
120.000	-.1050

MACH (4) = 1.246 BETAT (4) = -2.030

X/LB	1.001
PHI	
110.000	-.1980
120.000	-.1290

MACH (4) = 1.248 BETAT (5) = 2.070

X/LB	1.001
PHI	
110.000	-.2410
120.000	-.2000

MACH (4) = 1.247 BETAT (6) = 4.110

X/LB	1.001
PHI	
110.000	-.2370
120.000	-.1950

MACH (4) = 1.249 BETAT (7) = 6.180

X/LB	1.001
PHI	
110.000	-.2620
120.000	-.2380

MACH (4) = 1.248 BETAT (8) = 8.240

X/LB	1.001
PHI	
110.000	-.2760
120.000	-.2570

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A (RBMM07) (28 APR 72

AMES 11-707 IA9 OEA + S3 + T9 OMS POD OUTSIDE

REFERENCE DATA

SREF =	2.4210 SQ.FT.	XMRP =	28.5300 INCHES
LREF =	39.8490 INCHES	YMRP =	.0000 INCHES
BREF =	39.8490 INCHES	ZMRP =	.0000 INCHES
SCALE =	.0300 SCALE		

PARAMETRIC DATA

ALPHAT =	.000	ORBINC =	.500
RUDDER =	.000	ELEVON =	.000
RUDFLR =	.000		

SECTION (1)OMS POD OUTSIDE

DEPENDENT VARIABLE CP

MACH (1) = .597 BETAT (1) = -8.100

X/LB	1.001
PHI	
110.000	-.2200
120.000	-.1400

MACH (1) = .598 BETAT (2) = -6.060

X/LB	1.001
PHI	
110.000	-.2250
120.000	-.1570

MACH (1) = .598 BETAT (3) = -4.050

X/LB	1.001
PHI	
110.000	-.2350
120.000	-.1650

MACH (1) = .595 BETAT (4) = -2.020

X/LB	1.001
PHI	
110.000	-.2380
120.000	-.1690

MACH (1) = .597 BETAT (5) = .020

X/LB	1.001
PHI	
110.000	-.2490
120.000	-.1840

MACH (1) = .597 BETAT (6) = 2.050

X/LB	1.001
PHI	
110.000	-.2530
120.000	-.1960

MACH (1) = .599 BETAT (7) = 4.080

X/LB	1.001
PHI	
110.000	-.2710
120.000	-.2160

MACH (1) = .597 BETAT (8) = 6.110

X/LB	1.001
PHI	
110.000	-.2930
120.000	-.2370

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A

AMES 11-707 IA9 C2A + S3 + T9 CMS POD OUTSIDE (FRAME 7)

SECTION (1)CMS POD OUTSIDE DEPENDENT VARIABLE CP

MACH (1) = .597 BETAT (9) = 8.140

X/LB	1.001
PHI	
110.000	-.2960
120.000	-.2600

MACH (2) = .900 BETAT (1) = -8.180

X/LB	1.001
PHI	
110.000	-.2240
120.000	-.1510

MACH (2) = .899 BETAT (2) = -6.140

X/LB	1.001
PHI	
110.000	-.2310
120.000	-.1600

MACH (2) = .899 BETAT (3) = -4.080

X/LB	1.001
PHI	
110.000	-.2470
120.000	-.1700

MACH (2) = .901 BETAT (4) = -2.030

X/LB	1.001
PHI	
110.000	-.2520
120.000	-.1780

MACH (2) = .901 BETAT (5) = .020

X/LB	1.001
PHI	
110.000	-.2640
120.000	-.1920

MACH (2) = .901 BETAT (6) = 2.070

X/LB	1.001
PHI	
110.000	-.2730
120.000	-.2110

MACH (2) = .900 BETAT (7) = 4.120

X/LB	1.001
PHI	
110.000	-.3000
120.000	-.2230

MACH (2) = .901 BETAT (8) = 6.100

X/LB	1.001
PHI	
110.000	-.2930
120.000	-.2330

DATE 29 SEP 73 TABULATED PRESSURE DATA - IA9A

AMES 11-707 IA9 C2A + S3 + T9 OMS POD OUTSIDE (REMARK 7)

SECTION (1)OMS POD OUTSIDE DEPENDENT VARIABLE CP

MACH (2) = .901 BETAT (9) = 8.220

X/LB	1.001
PHI	
110.000	-.3080
120.000	-.2510

MACH (3) = 1.100 BETAT (1) = -8.210

X/LB	1.001
PHI	
110.000	-.2500
120.000	-.1520

MACH (3) = 1.099 BETAT (2) = -6.140

X/LB	1.001
PHI	
110.000	-.2880
120.000	-.1870

MACH (3) = 1.098 BETAT (3) = -4.080

X/LB	1.001
PHI	
110.000	-.3130
120.000	-.2150

MACH (3) = 1.101 BETAT (4) = -2.030

X/LB	1.001
PHI	
110.000	-.3260
120.000	-.2520

MACH (3) = 1.099 BETAT (5) = 2.070

X/LB	1.001
PHI	
110.000	-.3570
120.000	-.3110

MACH (3) = 1.100 BETAT (6) = 4.140

X/LB	1.001
PHI	
110.000	-.3770
120.000	-.3320

MACH (3) = 1.101 BETAT (7) = 6.200

X/LB	1.001
PHI	
110.000	-.3980
120.000	-.3580

MACH (3) = 1.101 BETAT (8) = 8.250

X/LB	1.001
PHI	
110.000	-.3930
120.000	-.3760

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A (RBMM07)

AMES 11-707 IA9 C2A + S3 + T9 CMS POD OUTSIDE

SECTION (1)CMS POD OUTSIDE DEPENDENT VARIABLE CP

MACH (4) = 1.249 BETAT (1) = -8.160

X/LB	1.001
PHI	
110.000	-.1680
120.000	-.0670

MACH (4) = 1.248 BETAT (2) = -6.110

X/LB	1.001
PHI	
110.000	-.1850
120.000	-.0930

MACH (4) = 1.248 BETAT (3) = -4.080

X/LB	1.001
PHI	
110.000	-.1980
120.000	-.1170

MACH (4) = 1.247 BETAT (4) = -2.030

X/LB	1.001
PHI	
110.000	-.2140
120.000	-.1530

MACH (4) = 1.247 BETAT (5) = 2.060

X/LB	1.001
PHI	
110.000	-.2460
120.000	-.2050

MACH (4) = 1.245 BETAT (6) = 4.100

X/LB	1.001
PHI	
110.000	-.2490
120.000	-.2130

MACH (4) = 1.246 BETAT (7) = 6.150

X/LB	1.001
PHI	
110.000	-.2750
120.000	-.2510

MACH (4) = 1.247 BETAT (8) = 8.190

X/LB	1.001
PHI	
110.000	-.2880
120.000	-.2740

MACH (5) = 1.395 BETAT (1) = -8.180

X/LB	1.001
PHI	
110.000	-.1530
120.000	-.0510

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A (RBMM37)

AMES 11-707 IA9 C2A + S3 + T9 OMS POD OUTSIDE

SECTION (1)OMS POD OUTSIDE DEPENDENT VARIABLE CP

MACH (5) = 1.395 BETAT (2) = -6.120

X/LB	1.001
PHI	
110.000	-.1450
120.000	-.0630

MACH (5) = 1.397 BETAT (3) = -4.080

X/LB	1.001
PHI	
110.000	-.1470
120.000	-.0930

MACH (5) = 1.396 BETAT (4) = .020

X/LB	1.001
PHI	
110.000	-.1760
120.000	-.1490

MACH (5) = 1.394 BETAT (5) = 4.110

X/LB	1.001
PHI	
110.000	-.2030
120.000	-.1840

MACH (5) = 1.392 BETAT (6) = 8.210

X/LB	1.001
PHI	
110.000	-.2320
120.000	-.2150

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A (RBMM08) (28 APR 73)

AMES 11-707 IA9 C2A + S3 + T9 OMS POD OUTSIDE

REFERENCE DATA

SREF =	2.4210 SQ.FT.	XMRP =	28.5300 INCHES
LREF =	39.8495 INCHES	YMRP =	.0000 INCHES
BREF =	39.8495 INCHES	ZMRP =	.0000 INCHES
SCALE =	.0300 SCALE		

PARAMETRIC DATA

ALPHAT =	2.000	ORBINC =	.500
RUDDER =	.000	ELEVON =	.000
RUDFLR =	.000		

SECTION (1)OMS POD OUTSIDE DEPENDENT VARIABLE CP

MACH (1) = .599 BETAT (1) = -8.090

X/LB	1.001
PHI	
110.000	-.2040
120.000	-.1310

MACH (1) = .598 BETAT (2) = -6.060

X/LB	1.001
PHI	
110.000	-.2120
120.000	-.1550

MACH (1) = .596 BETAT (3) = -4.040

X/LB	1.001
PHI	
110.000	-.2230
120.000	-.1600

MACH (1) = .597 BETAT (4) = -2.010

X/LB	1.001
PHI	
110.000	-.2310
120.000	-.1710

MACH (1) = .598 BETAT (5) = .020

X/LB	1.001
PHI	
110.000	-.2370
120.000	-.1720

MACH (1) = .599 BETAT (6) = 2.050

X/LB	1.001
PHI	
110.000	-.2560
120.000	-.1920

MACH (1) = .596 BETAT (7) = 4.080

X/LB	1.001
PHI	
110.000	-.2680
120.000	-.2130

MACH (1) = .598 BETAT (8) = 6.110

X/LB	1.001
PHI	
110.000	-.2850
120.000	-.2320

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A (RBMM08)

AMES 11-707 IA9 OEA + S3 + T9 CMS POD OUTSIDE

SECTION (1)CMS POD OUTSIDE DEPENDENT VARIABLE CP

MACH (1) = .599 BETAT (9) = 8.140

X/LB	1.001
PHI	
110.000	-.2970
120.000	-.2590

MACH (2) = .902 BETAT (1) = -8.180

X/LB	1.001
PHI	
110.000	-.2210
120.000	-.1900

MACH (2) = .901 BETAT (2) = -6.130

X/LB	1.001
PHI	
110.000	-.2200
120.000	-.1950

MACH (2) = .899 BETAT (3) = -4.090

X/LB	1.001
PHI	
110.000	-.2340
120.000	-.1660

MACH (2) = .900 BETAT (4) = -2.090

X/LB	1.001
PHI	
110.000	-.2430
120.000	-.1740

MACH (2) = .902 BETAT (5) = 2.070

X/LB	1.001
PHI	
110.000	-.2650
120.000	-.2050

MACH (2) = .903 BETAT (6) = 4.120

X/LB	1.001
PHI	
110.000	-.2630
120.000	-.2210

MACH (2) = .904 BETAT (7) = 6.180

X/LB	1.001
PHI	
110.000	-.2630
120.000	-.2290

MACH (2) = .901 BETAT (8) = 8.230

X/LB	1.001
PHI	
110.000	-.3000
120.000	-.2340

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A

AMES 11-707 IA9 O2A + S3 + T9 OMS POD OUTSIDE (RBMM08)

SECTION (1)OMS POD OUTSIDE DEPENDENT VARIABLE CP

MACH (3) = 1.099 BETAT (1) = -8.200

X/LB	1.001
PHI	
110.000	-.2950
120.000	-.1730

MACH (3) = 1.100 BETAT (2) = -6.150

X/LB	1.001
PHI	
110.000	-.3080
120.000	-.2000

MACH (3) = 1.100 BETAT (3) = -4.090

X/LB	1.001
PHI	
110.000	-.3220
120.000	-.2370

MACH (3) = 1.099 BETAT (4) = -2.030

X/LB	1.001
PHI	
110.000	-.3350
120.000	-.2660

MACH (3) = 1.100 BETAT (5) = 2.080

X/LB	1.001
PHI	
110.000	-.3670
120.000	-.3200

MACH (3) = 1.097 BETAT (6) = 4.130

X/LB	1.001
PHI	
110.000	-.3870
120.000	-.3440

MACH (3) = 1.100 BETAT (7) = 6.180

X/LB	1.001
PHI	
110.000	-.3910
120.000	-.3680

MACH (3) = 1.101 BETAT (8) = 8.250

X/LB	1.001
PHI	
110.000	-.3990
120.000	-.3840

MACH (4) = 1.246 BETAT (1) = -8.160

X/LB	1.001
PHI	
110.000	-.1950
120.000	-.0990

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A (RBMM08)

AMES 11-707 IA9 OEA + S3 + T9 CMS POD OUTSIDE

SECTION (1)CMS POD OUTSIDE DEPENDENT VARIABLE CP

MACH (4) = 1.250 BETAT (2) = -6.110

X/LB	1.001
PHI	
110.000	-.2050
120.000	-.1140

MACH (4) = 1.249 BETAT (3) = -4.070

X/LB	1.001
PHI	
110.000	-.2150
120.000	-.1400

MACH (4) = 1.248 BETAT (4) = -2.030

X/LB	1.001
PHI	
110.000	-.2330
120.000	-.1740

MACH (4) = 1.246 BETAT (5) = 2.060

X/LB	1.001
PHI	
110.000	-.2670
120.000	-.2320

MACH (4) = 1.246 BETAT (6) = 4.110

X/LB	1.001
PHI	
110.000	-.2640
120.000	-.2350

MACH (4) = 1.247 BETAT (7) = 6.150

X/LB	1.001
PHI	
110.000	-.2650
120.000	-.2640

MACH (4) = 1.245 BETAT (8) = 8.200

X/LB	1.001
PHI	
110.000	-.3030
120.000	-.2970

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A (RBMM09) (28 APR 73)

AMES 11-707 IA9 C2A + S3 + T9 OMS POD OUTSIDE

REFERENCE DATA

SREF =	2.4210 SQ.FT.	YMRP =	28.5300 INCHES		
LREF =	39.8490 INCHES	YMRP =	.0000 INCHES		
BREF =	39.8490 INCHES	ZMRP =	.0000 INCHES		
SCALE =	.0300 SCALE				

PARAMETRIC DATA

ALPHAT =	4.000	ORBINC =	.000
RUDDER =	.000	ELEVON =	.000
RUDFLR =	.000		

SECTION (1)OMS POD OUTSIDE DEPENDENT VARIABLE CP

MACH (1) = .598 BETAT (1) = -8.090

X/LB	1.001
PHI	
110.000	-.2120
120.000	-.1470

MACH (1) = .597 BETAT (2) = -6.060

X/LB	1.001
PHI	
110.000	-.2130
120.000	-.1530

MACH (1) = .598 BETAT (3) = -4.030

X/LB	1.001
PHI	
110.000	-.2210
120.000	-.1600

MACH (1) = .598 BETAT (4) = -2.010

X/LB	1.001
PHI	
110.000	-.2250
120.000	-.1680

MACH (1) = .596 BETAT (5) = .020

X/LB	1.001
PHI	
110.000	-.2370
120.000	-.1780

MACH (1) = .598 BETAT (6) = 2.050

X/LB	1.001
PHI	
110.000	-.2510
120.000	-.1910

MACH (1) = .597 BETAT (7) = 4.080

X/LB	1.001
PHI	
110.000	-.2680
120.000	-.2070

MACH (1) = .597 BETAT (8) = 6.120

X/LB	1.001
PHI	
110.000	-.2750
120.000	-.2220

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A (RBMM09)

AMES 11-707 IA9 OEA + S3 + T9 OMS POD OUTSIDE

SECTION (1)OMS POD OUTSIDE DEPENDENT VARIABLE CP

MACH (1) = .998 BETAT (9) = 8.150

X/LB	1.001
PHI	
110.000	-.2990
120.000	-.2520

MACH (2) = .899 BETAT (1) = -8.170

X/LB	1.001
PHI	
110.000	-.2200
120.000	-.1410

MACH (2) = .907 BETAT (2) = -6.120

X/LB	1.001
PHI	
110.000	-.2160
120.000	-.1480

MACH (2) = .901 BETAT (3) = -4.080

X/LB	1.001
PHI	
110.000	-.2360
120.000	-.1720

MACH (2) = .899 BETAT (4) = -2.030

X/LB	1.001
PHI	
110.000	-.2340
120.000	-.1720

MACH (2) = .905 BETAT (5) = 2.070

X/LB	1.001
PHI	
110.000	-.2580
120.000	-.1970

MACH (2) = .901 BETAT (6) = 4.130

X/LB	1.001
PHI	
110.000	-.2870
120.000	-.2200

MACH (2) = .900 BETAT (7) = 6.180

X/LB	1.001
PHI	
110.000	-.2920
120.000	-.2260

MACH (2) = .900 BETAT (8) = 8.240

X/LB	1.001
PHI	
110.000	-.3050
120.000	-.2390

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A (RBMM09)

AMES 11-707 IA9 C2A + S3 + T9 OMS POD OUTSIDE

SECTION (1)OMS POD OUTSIDE DEPENDENT VARIABLE CP

MACH (3) = 1.103 BETAT (1) = -8.190

X/LB	1.001
PHI	
110.000	-.1150
120.000	.0200

MACH (3) = 1.100 BETAT (2) = -6.140

X/LB	1.001
PHI	
110.000	-.0790
120.000	.0040

MACH (3) = 1.103 BETAT (3) = -4.080

X/LB	1.001
PHI	
110.000	-.3250
120.000	-.2590

MACH (3) = 1.103 BETAT (4) = -2.030

X/LB	1.001
PHI	
110.000	-.3460
120.000	-.2790

MACH (3) = 1.103 BETAT (5) = 2.080

X/LB	1.001
PHI	
110.000	-.3780
120.000	-.3260

MACH (3) = 1.103 BETAT (6) = 4.140

X/LB	1.001
PHI	
110.000	-.3920
120.000	-.3570

MACH (3) = 1.101 BETAT (7) = 6.210

X/LB	1.001
PHI	
110.000	-.3990
120.000	-.3820

MACH (3) = 1.104 BETAT (8) = 8.260

X/LB	1.001
PHI	
110.000	-.4050
120.000	-.3980

MACH (4) = 1.246 BETAT (1) = -8.150

X/LB	1.001
PHI	
110.000	-.2240
120.000	-.1170

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A (RBMM09)

AMES 11-707 IA9 O2A + S3 + T9 OMS POD OUTSIDE

SECTION (1)OMS POD OUTSIDE DEPENDENT VARIABLE CP

MACH (4) = 1.248 BETAT (2) = -6.110

X/LB	1.001
PHI	
110.000	-.2350
120.000	-.1480

MACH (4) = 1.249 BETAT (3) = -4.060

X/LB	1.001
PHI	
110.000	-.2270
120.000	-.1580

MACH (4) = 1.248 BETAT (4) = -2.020

X/LB	1.001
PHI	
110.000	-.2470
120.000	-.1920

MACH (4) = 1.249 BETAT (5) = 2.070

X/LB	1.001
PHI	
110.000	-.2760
120.000	-.2490

MACH (4) = 1.249 BETAT (6) = 4.110

X/LB	1.001
PHI	
110.000	-.2780
120.000	-.2480

MACH (4) = 1.249 BETAT (7) = 6.170

X/LB	1.001
PHI	
110.000	-.2960
120.000	-.2760

MACH (4) = 1.246 BETAT (8) = 8.210

X/LB	1.001
PHI	
110.000	-.3090
120.000	-.3090

DATE 20 SEP 73

TABULATED PRESSURE DATA - IA9A

AMES 11-707 IA9 O2A + S3 + T9 OMS POD OUTSIDE

(RB*M10) (28 APR 73)

REFERENCE DATA

SREF =	2.4210 SQ.FT.	XMRP =	28.5300 INCHES
LREF =	39.8490 INCHES	YMRP =	.0000 INCHES
BREF =	39.8490 INCHES	ZMRF =	.0000 INCHES
SCALE =	.0300 SCALE		

PARAMETRIC DATA

ALPHAT =	6.000	ORBINC =	.500
RUDDER =	.000	ELEVON =	.000
RUDFLR =	.000		

SECTION (1)OMS POD OUTSIDE

DEPENDENT VARIABLE CP

MACH (1) = .597 BETAT (1) = -8.070

X/LB	1.001
PHI	
110.000	-.2050
120.000	-.1560

MACH (1) = .598 BETAT (2) = -6.050

X/LB	1.001
PHI	
110.000	-.2100
120.000	-.1590

MACH (1) = .597 BETAT (3) = -4.030

X/LB	1.001
PHI	
110.000	-.2080
120.000	-.1630

MACH (1) = .597 BETAT (4) = -2.000

X/LB	1.001
PHI	
110.000	-.2160
120.000	-.1670

MACH (1) = .598 BETAT (5) = .020

X/LB	1.001
PHI	
110.000	-.2250
120.000	-.1750

MACH (1) = .598 BETAT (6) = 2.060

X/LB	1.001
PHI	
110.000	-.2510
120.000	-.1930

MACH (1) = .597 BETAT (7) = 4.090

X/LB	1.001
PHI	
110.000	-.2650
120.000	-.2050

MACH (1) = .598 BETAT (8) = 6.130

X/LB	1.001
PHI	
110.000	-.2780
120.000	-.2190

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A (RBMM19)

- AMES 11-707 IA9 O2A + S3 + T9 OMS POD OUTSIDE

SECTION (1)OMS POD OUTSIDE DEPENDENT VARIABLE CP

MACH (1) = .596 BETAT (9) = 8.170

X/LB	1.001
PHI	
110.000	-.2920
120.000	-.2390

MACH (2) = .901 BETAT (1) = -8.160

X/LB	1.001
PHI	
110.000	-.2210
120.000	-.1520

MACH (2) = .900 BETAT (2) = -6.110

X/LB	1.001
PHI	
110.000	-.2290
120.000	-.1640

MACH (2) = .903 BETAT (3) = -4.070

X/LB	1.001
PHI	
110.000	-.2360
120.000	-.1740

MACH (2) = .902 BETAT (4) = -2.030

X/LB	1.001
PHI	
110.000	-.2400
120.000	-.1850

MACH (2) = .902 BETAT (5) = 2.060

X/LB	1.001
PHI	
110.000	-.2710
120.000	-.2130

MACH (2) = .901 BETAT (6) = 4.130

X/LB	1.001
PHI	
110.000	-.2930
120.000	-.2350

MACH (2) = .901 BETAT (7) = 6.200

X/LB	1.001
PHI	
110.000	-.3010
120.000	-.2460

MACH (2) = .900 BETAT (8) = 8.260

X/LB	1.001
PHI	
110.000	-.3160
120.000	-.2470

AMES 11-707 IA9 C2A + S3 + T9 OMS POD OUTSIDE (RBMM1D)

SECTION (1 OMS POD OUTSIDE DEPENDENT VARIABLE CP

MACH (3) = 1.103 BETAT (1) = -8.180

X/LB	1.001
PHI	
110.000	-.1450
120.000	-.0140

MACH (3) = 1.103 BETAT (2) = -6.130

X/LB	1.001
PHI	
110.000	-.1390
120.000	-.0160

MACH (3) = 1.102 BETAT (3) = -4.080

X/LB	1.001
PHI	
110.000	-.1220
120.000	-.0030

MACH (3) = 1.102 BETAT (4) = -2.020

X/LB	1.001
PHI	
110.000	-.0580
120.000	-.1210

MACH (3) = 1.102 BETAT (5) = 2.080

X/LB	1.001
PHI	
110.000	-.3890
120.000	-.3480

MACH (3) = 1.102 BETAT (6) = 4.140

X/LB	1.001
PHI	
110.000	-.4040
120.000	-.3770

MACH (3) = 1.100 BETAT (7) = 6.210

X/LB	1.001
PHI	
110.000	-.4180
120.000	-.3920

MACH (3) = 1.106 BETAT (8) = 8.280

X/LB	1.001
PHI	
110.000	-.4240
120.000	-.4010

MACH (4) = 1.248 BETAT (1) = -8.140

X/LB	1.001
PHI	
110.000	-.2420
120.000	-.1540

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A

AMES 11-707 IA9 02A + S3 + T9 OMS POD OUTSIDE

SECTION (1)OMS POD OUTSIDE DEPENDENT VARIABLE CP

MACH (4) = 1.248 BETAT (2) = -6.08

X/LB	1.001
PHI	
110.000	-.2480
120.000	-.1670

MACH (4) = 1.250 BETAT (3) = -4.050

X/LB	1.001
PHI	
110.000	-.2480
120.000	-.1860

MACH (4) = 1.249 BETAT (4) = -2.020

X/LB	1.001
PHI	
110.000	-.2560
120.000	-.2040

MACH (4) = 1.245 BETAT (5) = 2.070

X/LB	1.001
PHI	
110.000	-.2860
120.000	-.2640

MACH (4) = 1.247 BETAT (6) = 4.120

X/LB	1.001
PHI	
110.000	-.2800
120.000	-.2590

MACH (4) = 1.246 BETAT (7) = 6.160

X/LB	1.001
PHI	
110.000	-.3010
120.000	-.2860

MACH (4) = 1.247 BETAT (8) = 8.220

X/LB	1.000
PHI	
110.000	-.3230
120.000	-.3150

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A (RBMM11) (28 APR 73)

AMES 11-707 IA9 O2A + S3 + T9 OMS POD OUTSIDE

REFERENCE DATA

SREF =	2.4210 SQ.FT.	XMRP =	28.5300 INCHES
LREF =	39.8490 INCHES	YMRP =	.0000 INCHES
BREF =	39.8490 INCHES	ZMRP =	.0000 INCHES
SCALE =	.0300 SCALE		

PARAMETRIC DATA

ALPHAT =	0.000	ORBINC =	.500
RUDDER =	.000	ELEVON =	.000
RUDFLR =	.000		

SECTION (1)OMS POD OUTSIDE

DEPENDENT VARIABLE CP

MACH (1) = .599 BETAT (1) = -8.040

X/LB	1.001
PHI	
110.000	-.1960
120.000	-.1440

MACH (1) = .597 BETAT (2) = -6.030

X/LB	1.001
PHI	
110.000	-.2060
120.000	-.1570

MACH (1) = .597 BETAT (3) = -4.010

X/LB	1.001
PHI	
110.000	-.2070
120.000	-.1620

MACH (1) = .599 BETAT (4) = -2.000

X/LB	1.001
PHI	
110.000	-.2130
120.000	-.1700

MACH (1) = .600 BETAT (5) = .020

X/LB	1.001
PHI	
110.000	-.2360
120.000	-.1860

MACH (1) = .598 BETAT (6) = 2.060

X/LB	1.001
PHI	
110.000	-.2510
120.000	-.1950

MACH (1) = .597 BETAT (7) = 3.080

X/LB	1.001
PHI	
110.000	-.2550
120.000	-.1970

MACH (1) = .600 BETAT (8) = 4.100

X/LB	1.001
PHI	
110.000	-.2600
120.000	-.2090

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A (RBMM11)

AMES 11-707 IA9 OEA + S3 + T9 OMS POD OUTSIDE

SECTION (1)OMS POD OUTSIDE DEPENDENT VARIABLE CP

MACH (1) = .601 BETAT (9) = 6.150

X/LB	1.001
PHI	
110.000	-.2760
120.000	-.2180

MACH (1) = .800 BETAT (10) = 8.190

X/LB	1.001
PHI	
110.000	-.2940
120.000	-.2390

MACH (2) = .900 BETAT (1) = -8.140

X/LB	1.001
PHI	
110.000	-.2430
120.000	-.1690

MACH (2) = .903 BETAT (2) = -6.090

X/LB	1.001
PHI	
110.000	-.2360
120.000	-.1790

MACH (2) = .903 BETAT (3) = -4.080

X/LB	1.001
PHI	
110.000	-.2450
120.000	-.1890

MACH (2) = .901 BETAT (4) = -2.020

X/LB	1.001
PHI	
110.000	-.2520
120.000	-.2000

MACH (2) = .901 BETAT (5) = 2.080

X/LB	1.001
PHI	
110.000	-.2750
120.000	-.2230

MACH (2) = .900 BETAT (6) = 4.150

X/LB	1.001
PHI	
110.000	-.2930
120.000	-.2380

MACH (2) = .902 BETAT (7) = 6.200

X/LB	1.001
PHI	
110.000	-.3090
120.000	-.2590

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A (RBMM11)

AMES 11-707 IA9 O2A + S3 + T9 OMS POD OUTSIDE

SECTION (1):OMS POD OUTSIDE DEPENDENT VARIABLE CP

MACH (2) = .900 BETAT (8) = 8.280

X/LB	1.001
PHI	
110.000	-.3220
120.000	-.2570

MACH (3) = 1.103 BETAT (1) = -8.150

X/LB	1.001
PHI	
110.000	-.1540
120.000	-.0270

MACH (3) = 1.098 BETAT (2) = -6.110

X/LB	1.001
PHI	
110.000	-.1810
120.000	-.0680

MACH (3) = 1.102 BETAT (3) = -4.070

X/LB	1.001
PHI	
110.000	-.1950
120.000	-.0730

MACH (3) = 1.101 BETAT (4) = -2.030

X/LB	1.001
PHI	
110.000	-.1930
120.000	-.0790

MACH (3) = 1.101 BETAT (5) = 2.090

X/LB	1.001
PHI	
110.000	-.2100
120.000	-.2060

MACH (3) = 1.103 BETAT (6) = 4.150

X/LB	1.001
PHI	
110.000	-.4220
120.000	-.4060

MACH (3) = 1.100 BETAT (7) = 6.230

X/LB	1.001
PHI	
110.000	-.4290
120.000	-.4210

MACH (3) = 1.100 BETAT (8) = 8.300

X/LB	1.001
PHI	
110.000	-.4290
120.000	-.4280

DATE 20 SEP 79 TABULATED PRESSURE DATA - IA9A (RSNM11)

AMES 11-707 IA9 CEA + S3 + T9 OMS POD OUTSIDE

SECTION (1)OMS POD OUTSIDE DEPENDENT VARIABLE CP

MACH (4) = 1.245 BETAT (1) = -8.110

X/LB	1.001
PHI	
110.000	-.1580
120.000	-.1370

MACH (4) = 1.249 BETAT (2) = -6.070

X/LB	1.001
PHI	
110.000	-.2020
120.000	-.2010

MACH (4) = 1.249 BETAT (3) = -4.040

X/LB	1.001
PHI	
110.000	-.2630
120.000	-.2090

MACH (4) = 1.248 BETAT (4) = -2.020

X/LB	1.001
PHI	
110.000	-.2710
120.000	-.2200

MACH (4) = 1.248 BETAT (5) = 2.080

X/LB	1.001
PHI	
110.000	-.2980
120.000	-.2660

MACH (4) = 1.247 BETAT (6) = 4.130

X/LB	1.001
PHI	
110.000	-.2950
120.000	-.2670

MACH (4) = 1.246 BETAT (7) = 6.180

X/LB	1.001
PHI	
110.000	-.3130
120.000	-.2920

MACH (4) = 1.247 BETAT (8) = 8.250

X/LB	1.001
PHI	
110.000	-.3230
120.000	-.3070

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9.

AMES 11-707 IA9 O2A + S3 + T9 OMS POD OUTSIDE (RBMM12) (28 APR 73)

REFERENCE DATA

SREF =	2.4210 SQ.FT.	XMRP =	28.5300 INCHES		
LREF =	39.8490 INCHES	YMRP =	.0000 INCHES		
BREF =	39.8490 INCHES	ZMRP =	.0000 INCHES		
SCALE =	.0300 SCALE				

PARAMETRIC DATA

ALPHAT =	-8.000	ORBINC =	.500
RUDDER =	-5.000	ELEVON =	.000
RUDFLR =	.000		

SECTION (1)OMS POD OUTSIDE DEPENDENT VARIABLE CP

MACH (1) = 1.101 BETAT (1) = -8.170

X/LB	1.001
PHI	
110.000	-.1770
120.000	-.0400

MACH (1) = 1.100 BETAT (2) = -4.070

X/LB	1.001
PHI	
110.000	-.2460
120.000	-.1510

MACH (1) = 1.097 BETAT (3) = .020

X/LB	1.001
PHI	
110.000	-.3090
120.000	-.2430

MACH (1) = 1.099 BETAT (4) = 4.160

X/LB	1.001
PHI	
110.000	-.3590
120.000	-.3080

MACH (1) = 1.105 BETAT (5) = 8.200

Y/LB	1.001
PHI	
110.000	-.3860
120.000	-.3600

MACH (2) = 1.250 BETAT (1) = -8.120

X/LB	1.001
PHI	
110.000	-.0940
120.000	.0200

MACH (2) = 1.251 BETAT (2) = -4.050

X/LB	1.001
PHI	
110.000	-.1330
120.000	-.0630

MACH (2) = 1.246 BETAT (3) = .020

X/LB	1.001
PHI	
110.000	-.1800
120.000	-.1200

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A (RBMM12)

AMES 11-707 IA9 ORA + 93 + T9 OMS POD OUTSIDE

SECTION (1)OMS POD OUTSIDE DEPENDENT VARIABLE CP

MACH (2) = 1.245 BETAT (4) = 4.130

X/LB	1.001
PHI	
110.000	-.2340
120.000	-.1680

MACH (2) = 1.247 BETAT (5) = 0.250

X/LB	1.001
PHI	
110.000	-.2810
120.000	-.2510

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A (RBMM13) (28 APR 73)

AMES 11-707 IA9 O2A + S3 + T9 OMS POD OUTSIDE

REFERENCE DA

SREF =	2.4210 SQ.FT.	XMRP =	28.5300 INCHES
LREF =	39.8490 INCHES	YMRP =	.0000 INCHES
BREF =	39.8490 INCHES	ZMRP =	.0000 INCHES
SCALE =	.0300 SCALE		

PARAMETRIC DATA

ALPHAT =	-6.000	ORBINC =	.500
RUDDER =	-5.000	ELEVON =	.000
RUDFLR =	.000		

SECTION (1)OMS POD OUTSIDE DEPENDENT VARIABLE CP

MACH (1) = 1.102 BETAT (1) = -8.180

X/LB	1.001
PHI	
110.000	-.1580
120.000	-.0320

MACH (1) = 1.098 BETAT (2) = -4.080

X/LB	1.001
PHI	
110.000	-.2600
120.000	-.1790

MACH (1) = 1.101 BETAT (3) = .020

X/LB	1.001
PHI	
110.000	-.3180
120.000	-.2530

MACH (1) = 1.097 BETAT (4) = 4.140

X/LB	1.001
PHI	
110.000	-.3680
120.000	-.3240

MACH (1) = 1.102 BETAT (5) = 8.290

X/LB	1.001
PHI	
110.000	-.3790
120.000	-.3610

MACH (2) = 1.245 BETAT (1) = -8.130

X/LB	1.001
PHI	
110.000	-.1210
120.000	-.0200

MACH (2) = 1.251 BETAT (2) = -4.060

X/LB	1.001
PHI	
110.000	-.1510
120.000	-.0800

MACH (2) = 1.246 BETAT (3) = .020

X/LB	1.001
PHI	
110.000	-.1990
120.000	-.1330

DATE 29 SEP 73 TABULATED PRESSURE DATA - IA9A (RBNM13)

AMES 11-707 IA9 02A + S3 + T9 OMS POD OUTSIDE

SECTION (1)OMS POD OUTSIDE DEPENDENT VARIABLE CP

MACH (2) = 1.245 BETAT (4) = 4.120

X/LB	1.001
PHI	
110.000	-.2460
120.000	-.1760

MACH (2) = 1.247 BETAT (5) = 8.230

X/LB	1.001
PHI	
110.000	-.2810
120.000	-.2390

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A (RBNM14) (28 APR 73)

AMES 11-707 IA9 O2A + S3 + T9 OMS POD OUTSIDE

REFERENCE DATA

SREF	=	2.4210	SQ.FT.	XMRP	= 28.5300 INCHES
LREF	=	39.8490	INCHES	YMRP	= .0000 INCHES
BREF	=	39.8490	INCHES	ZMRP	= .0000 INCHES
SCALE	=	.0300	SCALE		

PARAMETRIC DATA

ALPHAT =	-4.000	ORBINC =	.500
RUDDER =	-5.000	ELEVON =	.000
RUDFLR =	.000		

SECTION (1)OMS POD OUTSIDE DEPENDENT VARIABLE CP

MACH (1) = 1.098 BETAT (1) = -8.190

X/LB	1.001
PHI	
110.000	-.1440
120.000	-.1110

MACH (1) = 1.101 BETAT (2) = -4.080

X/LB	1.001
PHI	
110.000	-.2020
120.000	-.1890

MACH (1) = 1.099 BETAT (3) = .020

X/LB	1.001
PHI	
110.000	-.3190
120.000	-.2560

MACH (1) = 1.103 BETAT (4) = 4.130

X/LB	1.001
PHI	
110.000	-.3620
120.000	-.3250

MACH (1) = 1.099 BETAT (5) = 8.260

X/LB	1.001
PHI	
110.000	-.3760
120.000	-.3610

MACH (2) = 1.246 BETAT (1) = -8.140

X/LB	1.001
PHI	
110.000	-.1410
120.000	-.0410

MACH (2) = 1.244 BETAT (2) = -4.060

X/LB	1.001
PHI	
110.000	-.1740
120.000	-.0940

MACH (2) = 1.247 BETAT (3) = .020

X/LB	1.001
PHI	
110.000	-.2180
120.000	-.1470

DATE 20 SEP 73 TABULATED PRESSURE DATA - 1A9A (RBMM14)

AMES 11-707 1A9 CBA + S3 + T9 ONS POD OUTSIDE

SECTION (1)ONS POD OUTSIDE DEPENDENT VARIABLE CP

MACH (2) = 1.245 BETAT (4) = 4.110

X/LB	1.001
PHI	
110.000	-.2340
120.000	-.1720

MACH (2) = 1.250 BETAT (5) = 8.210

X/LB	1.001
PHI	
110.000	-.2880
120.000	-.2500

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A (RBMM15) (28 APR 73)

AMES 11-707 IA9 O2A + S3 + T9 OMS POD OUTSIDE

REFERENCE DATA

SREF =	2.4210 SQ.FT.	XMRP =	28.5350 INCHES
LREF =	39.8490 INCHES	YMRP =	.0000 INCHES
BREF =	39.8490 INCHES	ZMRP =	.0000 INCHES
SCALE =	.0300 SCALE		

PARAMETRIC DATA

ALPHAT =	-2.000	ORBINC =	.500
RUDDER =	-5.000	ELEVON =	.000
RUDFLR =	.000		

SECTION (1)OMS POD OUTSIDE DEPENDENT VARIABLE CP

MACH (1) = 1.101 BETAT (1) = -8.200

X/LB	1.001
PHI	
110.000	-.2370
120.000	-.1440

MACH (1) = 1.101 BETAT (2) = -4.080

X/LB	1.001
PHI	
110.000	-.3020
120.000	-.2080

MACH (1) = 1.103 BETAT (3) = .030

X/LB	1.001
PHI	
110.000	-.3290
120.000	-.2620

MACH (1) = 1.097 BETAT (4) = 4.140

X/LB	1.001
PHI	
110.000	-.3790
120.000	-.3370

MACH (1) = 1.100 BETAT (5) = 8.250

X/LB	1.001
PHI	
110.000	-.3800
120.000	-.3690

MACH (2) = 1.245 BETAT (1) = -8.150

X/LB	1.001
PHI	
110.000	-.1530
120.000	-.0570

MACH (2) = 1.249 BETAT (2) = -4.070

X/LB	1.001
PHI	
110.000	-.1890
120.000	-.1130

MACH (2) = 1.247 BETAT (3) = .020

X/LB	1.001
PHI	
110.000	-.2240
120.000	-.1670

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A

AMES 11-707 IA9 OEA + S3 + T9 OMS POD OUTSIDE (RBMM15)

SECTION (1)OMS POD OUTSIDE DEPENDENT VARIABLE CP

MACH (2) = 1.247 BETAT (4) = 4.110

X/LB	1.001
PHI	
110.000	-.2480
120.000	-.2000

MACH (2) = 1.246 BETAT (5) = 8.200

X/LB	1.001
PHI	
110.000	-.2870
120.000	-.2590

DATE 20 SEP

TABULATED PRESSURE DATA - IA9A

AMES 11-707 IA9 C2A + S3 + T9 OMS POD OUTSIDE

(RBMM16) (28 APR 73)

REFERENCE DATA

SREF =	2.4210 SQ.FT.	XMRP =	28.5300 INCHES
LREF =	39.8490 INCHES	YMRP =	.0000 INCHES
BREF =	39.8490 INCHES	ZMRP =	.0000 INCHES
SCALE =	.0300 SCALE		

PARAMETRIC DATA

ALPHAT =	.000	ORBINC =	.500
RUDDER =	-5.000	ELEVON =	.000
RUDFLR =	.000		

SECTION (1)OMS POD OUTSIDE

DEPENDENT VARIABLE CP

MACH (1) = 1.101 BETAT (1) = -8.210

X/LB	1.001
PHI	
110.000	-.2490
120.000	-.1470

MACH (1) = 1.098 BETAT (2) = -4.090

X/LB	1.001
PHI	
110.000	-.3140
120.000	-.2140

MACH (1) = 1.100 BETAT (3) = .020

X/LB	1.001
PHI	
110.000	-.3340
120.000	-.2710

MACH (1) = 1.100 BETAT (4) = 4.130

X/LB	1.001
PHI	
110.000	-.3790
120.000	-.3300

MACH (1) = 1.099 BETAT (5) = 8.250

X/LB	1.001
PHI	
110.000	-.3910
120.000	-.3660

MACH (2) = 1.247 BETAT (1) = -8.150

X/LB	1.001
PHI	
110.000	-.1780
120.000	-.0680

MACH (2) = 1.249 BETAT (2) = -4.070

X/LB	1.001
PHI	
110.000	-.2080
120.000	-.1170

MACH (2) = 1.247 BETAT (3) = .020

X/LB	1.001
PHI	
110.000	-.2460
120.000	-.1920

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A

AMES 11-707 IA9 OEA + S3 + T9 OMS POD OUTSIDE (EPMM15)

SECTION (1)OMS POD OUTSIDE DEPENDENT VARIABLE CP

MACH (2) = 1.244 BETAT (4) = 4.110

X/LB	1.001
PHI	
110.000	-.2610
120.000	-.2190

MACH (2) = 1.244 BETAT (5) = 8.200

X/LB	1.001
PHI	
110.000	-.3130
120.000	-.2860

DATE 20 SEP [illegible] TABULATED PRESSURE DATA - IA9A (RBMM17) (28 APR 73)

AMES 11-707 IA9 O2A + S3 + T9 OMS POD OUTSIDE

REFERENCE DATA

SREF =	2.4210 SQ.FT.	XMRP =	28.5330 INCHES
LREF =	39.8490 INCHES	YMRP =	.0000 INCHES
BREF =	39.8490 INCHES	ZMRP =	.0000 INCHES
SCALE =	.0300 SCALE		

PARAMETRIC DATA

ALPHAT =	2.000	ORBINC =	.000
RUDDER =	-5.000	ELEVON =	.000
RUDFLR =	.000		

SECTION (1)OMS POD OUTSIDE — DEPENDENT VARIABLE CP

MACH (1) = 1.102 BETAT (1) = -6.200

X/LB	1.001
PHI	
110.000	-.2750
120.000	-.1730

MACH (1) = 1.098 BETAT (2) = -4.090

X/LB	1.001
PHI	
110.000	-.3200
120.000	-.2340

MACH (1) = 1.102 BETAT (3) = .020

X/LB	1.001
PHI	
110.000	-.3550
120.000	-.2950

MACH (1) = 1.100 BETAT (4) = 4.130

X/LB	1.001
PHI	
110.000	-.3850
120.000	-.3480

MACH (1) = 1.099 BETAT (5) = 8.250

X/LB	1.001
PHI	
110.000	-.3940
120.000	-.3850

MACH (2) = 1.244 BETAT (1) = -8.150

X/LB	1.001
PHI	
110.000	-.2030
120.000	-.0970

MACH (2) = 1.251 BETAT (2) = -4.060

X/LB	1.101
PHI	
110.000	-.2220
120.000	-.1460

MACH (2) = 1.248 BETAT (3) = .020

X/LB	1.101
PHI	
110.000	-.2570
120.000	-.2080

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A (RBMM17)

AMES 11-707 IA9 02A + S3 + T9 OMS POD OUTSIDE

SECTION (1)OMS POD OUTSIDE DEPENDENT VARIABLE CP

MACH (2) = 1.244 BETAT (4) = 4.100

X/LB	1.001
PHI	
110.000	-.2760
120.000	-.2440

MACH (2) = 1.245 BETAT (5) = 8.200

X/LB	1.001
PHI	
110.000	-.3100
120.000	-.3120

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A (RBMM18) (28 APR 73)

AMES 11-707 IA9 O2A + S3 + T9 OMS POD OUTSIDE

REFERENCE DATA

SREF =	2.4210 SQ.FT.	XMRP =	28.5300 INCHES
LREF =	39.8490 INCHES	YMRP =	.0000 INCHES
BREF =	39.8490 INCHES	ZMRP =	.0000 INCHES
SCALE =	.0300 SCALE		

PARAMETRIC DATA

ALPHAT =	4.000	ORBINC =	.500
RUDDER =	-5.000	ELEVON =	.000
RUDFLR =	.000		

SECTION (1)OMS POD OUTSIDE DEPENDENT VARIABLE CP

MACH (1) = 1.101 BETAT (1) = -8.200

X/LB	1.001
PHI	
110.000	-.1030
120.000	.0250

MACH (1) = 1.099 BETAT (2) = -4.080

X/LB	1.001
PHI	
110.000	-.3390
120.000	-.2570

MACH (1) = 1.098 BETAT (3) = .020

X/LB	1.001
PHI	
110.000	-.3640
120.000	-.2960

MACH (1) = 1.100 BETAT (4) = 4.130

X/LB	1.001
PHI	
110.000	-.4020
120.000	-.3570

MACH (1) = 1.095 BETAT (5) = 8.260

X/LB	1.001
PHI	
110.000	-.4130
120.000	-.3930

MACH (2) = 1.244 BETAT (1) = -8.140

X/LB	1.001
PHI	
110.000	-.2420
120.000	-.1260

MACH (2) = 1.244 BETAT (2) = -4.060

X/LB	1.001
PHI	
110.000	-.2520
120.000	-.1730

MACH (2) = 1.247 BETAT (3) = .020

X/LB	1.001
PHI	
110.000	-.2620
120.000	-.2310

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A

AMES 11-707 IA9 OEA + S3 + T9 OMS POD OUTSIDE (RBMM18)

SECTION (1)OMS POD OUTSIDE DEPENDENT VARIABLE CP

MACH (2) = 1.249 BETAT (4) = 4.120

X/LB	1.001
PHI	
110.000	-.2900
120.000	-.2550

MACH (2) = 1.245 BETAT (5) = 8.210

X/LB	1.001
PHI	
110.000	-.3340
120.000	-.3130

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A (RBMM19) (28 APR 73)

AMES 11-707 IA9 C2A + S3 + T9 OMS POD OUTSIDE

REFERENCE DATA

SREF =	2.4210 SQ.FT.	XMRP =	28.5300 INCHES
LREF =	39.8490 INCHES	YMRP =	.0000 INCHES
BREF =	39.8490 INCHES	ZMRP =	.0000 INCHES
SCALE =	.0300 SCALE		

PARAMETRIC DATA

ALPHAT =	6.000	ORBINC =	.500
RUDDER =	-5.000	ELEVON =	.000
RUDFLR =	.000		

SECTION (1)OMS POD OUTSIDE DEPENDENT VARIABLE CP

MACH (1) = 1.101 BETAT (1) = -8.180

X/LB	1.001
PHI	
110.000	-.1520
120.000	-.0210

MACH (1) = 1.098 BETAT (2) = -4.080

X/LB	1.001
PHI	
110.000	-.1260
120.000	-.0370

MACH (1) = 1.101 BETAT (3) = .020

X/LB	1.001
PHI	
110.000	-.3510
120.000	-.3140

MACH (1) = 1.103 BETAT (4) = 4.150

X/LB	1.001
PHI	
110.000	-.4000
120.000	-.3790

MACH (1) = 1.100 BETAT (5) = 8.280

X/LB	1.001
PHI	
110.000	-.4110
120.000	-.4110

MACH (2) = 1.248 BETAT (1) = -8.120

X/LB	1.001
PHI	
110.000	-.2480
120.000	-.1630

MACH (2) = 1.250 BETAT (2) = -4.050

X/LB	1.001
PHI	
110.000	-.2580
120.000	-.1980

MACH (2) = 1.247 BETAT (3) = .010

X/LB	1.001
PHI	
110.000	-.2860
120.000	-.2430

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A (RBMN19)

AMES 11-707 IA9 OEA + S3 + T9 OMS POD OUTSIDE

SECTION (1)OMS POD OUTSIDE DEPENDENT VARIABLE CP

MACH (2) = 1.245 BETAT (4) = 4.120

X/LB	1.001
PHI	
110.000	-.2910
120.000	-.2740

MACH (2) = 1.244 BETAT (5) = 6.250

X/LB	1.001
PHI	
110.000	-.3320
120.000	-.3260

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A (RBM420) (28 APR 73)

AMES 11-.07 IA9 O2A + S3 + T9 OMS POD OUTSIDE

REFERENCE DATA

SREF	=	2.4210 SQ.FT.	XMRP	=	28.5300 INCHES
LREF	=	39.8490 INCHES	YMRP	=	.0000 INCHES
BREF	=	39.8490 INCHES	ZMRP	=	.0000 INCHES
SCALE	=	.0300 SCALE			

PARAMETRIC DATA

ALPHAT =	8.000	ORBINC =	.500
RUDDER =	-5.000	ELEVON =	.000
RUDFLR =	.000		

SECTION (1)OMS POD OUTSIDE DEPENDENT VARIABLE CP

MACH (1) = 1.101 BETAT (1) = -8.160

X/LB	1.001
PHI	
110.000	-.1670
120.000	-.0280

MACH (1) = 1.101 BETAT (2) = -4.070

X/LB	1.001
PHI	
110.000	-.1980
120.000	-.0720

MACH (1) = 1.099 BETAT (3) = .020

X/LB	1.001
PHI	
110.000	-.1910
120.000	-.0740

MACH (1) = 1.100 BETAT (4) = 4.160

X/LB	1.001
PHI	
110.000	-.4180
120.000	-.3940

MACH (1) = 1.099 BETAT (5) = 8.300

X/LB	1.001
PHI	
110.000	-.4320
120.000	-.4210

MACH (2) = 1.246 BETAT (1) = -8.110

X/LB	1.001
PHI	
110.000	-.2400
120.000	-.1670

MACH (2) = 1.248 BETAT (2) = -4.040

X/LB	1.001
PHI	
110.000	-.2820
120.000	-.2140

MACH (2) = 1.245 BETAT (3) = .010

X/LB	1.001
PHI	
110.000	-.3090
120.000	-.2520

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A (RBN420)

AMES 11-707 IA9 CEA + S3 + T9 OMS POD OUTSIDE

SECTION (1)OMS POD OUTSIDE DEPENDENT VARIABLE CP

MACH (2) = 1.245 BETAT (4) = 4.130

X/LB	1.001
PHI	
110.000	-.3190
120.000	-.2730

MACH (2) = 1.243 BETAT (5) = 7.210

X/LB	1.001
PHI	
110.000	-.3450
120.000	-.3100

DATE 20 SEP 75 TABULATED PRESSURE DATA - IA9A (RBMM21) (28 APR 73)

AMES 11-707 IA9 O2A + S3 + T9 OMS POD OUTSIDE

REFERENCE DATA

SREF =	2.4210 SQ.FT.	XMRP =	28.5300 INCHES		
LREF =	39.8490 INCHES	YMRP =	.0000 INCHES		
BREF =	39.8490 INCHES	ZMRP =	.0000 INCHES		
SCALE =	.0300 SCALE				

PARAMETRIC DATA

ALPHAT =	-8.000	ORBINC =	.500
RUDDER =	-10.000	ELEVON =	.000
RUDFLR =	.000		

SECTION (1)OMS POD OUTSIDE DEPENDENT VARIABLE CP

MACH (1) = 1.100 BETAT (1) = -8.170

X/LB	1.001
PHI	
110.000	-.1800
120.000	-.0410

MACH (1) = 1.104 BETAT (2) = -4.080

X/LB	1.001
PHI	
110.000	-.2510
120.000	-.1590

MACH (1) = 1.099 BETAT (3) = .020

X/LB	1.001
PHI	
110.000	-.3070
120.000	-.2480

MACH (1) = 1.101 BETAT (4) = 4.150

X/LB	1.001
PHI	
110.000	-.3550
120.000	-.3170

MACH (1) = 1.100 BETAT (5) = 8.300

X/LB	1.001
PHI	
110.000	-.3930
120.000	-.3570

MACH (2) = 1.245 BETAT (1) = -8.120

X/LB	1.001
PHI	
110.000	-.0920
120.000	.0030

MACH (2) = 1.252 BETAT (2) = -4.050

X/LB	1.001
PHI	
110.000	-.1270
120.000	-.0630

MACH (2) = 1.250 BETAT (3) = .020

X/LB	1.001
PHI	
110.000	-.1760
120.000	-.1270

DATE 26 SEP 73 TABULATED PRESSURE DATA - IA9A (RBM#21)

AMES 11-707 IA9 OEA + S3 + T9 OMS POD OUTSIDE

SECTION (1)OMS POD OUTSIDE DEPENDENT VARIABLE CP

MACH (2) = 1.246 BETAT (4) = 4.130

X/LB	1.001
PHI	
110.000	-.2280
120.000	-.1910

MACH (2) = 1.247 BETAT (5) = 8.260

X/LB	1.001
PHI	
110.000	-.2690
120.000	-.2550

AMES 11-707 IA9 O2A + S3 + T9 OMS POD OUTSIDE (RBMM22) (28 APR 73)

REFERENCE DATA

SREF =	2.4210 SQ.FT.	XMRP =	28.5300 INCHES		
LREF =	39.8490 INCHES	YMRP =	.0000 INCHES		
BREF =	39.8490 INCHES	ZMRP =	.0000 INCHES		
SCALE =	.0300 SCALE				

PARAMETRIC DATA

ALPHAT =	-6.000	ORBINC =	.500
RUDDER =	-10.000	ELEVON =	.000
RUDFLR =	.000		

SECTION (1)OMS POD OUTSIDE DEPENDENT VARIABLE CP

MACH (1) = 1.101 BETAT (1) = -8.190

X/LB	1.001
PHI	
110.000	-.1630
120.000	-.0300

MACH (1) = 1.097 BETAT (2) = -4.080

X/LB	1.001
PHI	
110.000	-.2630
120.000	-.1740

MACH (1) = 1.098 BETAT (3) = .020

X/LB	1.001
PHI	
110.000	-.3210
120.000	-.2530

MACH (1) = 1.100 BETAT (4) = 4.140

X/LB	1.001
PHI	
110.000	-.3730
120.000	-.3180

MACH (1) = 1.099 BETAT (5) = 8.280

X/LB	1.001
PHI	
110.000	-.3960
120.000	-.3590

MACH (2) = 1.247 BETAT (1) = -8.140

X/LB	1.001
PHI	
110.000	-.1130
120.000	-.0180

MACH (2) = 1.247 BETAT (2) = -4.060

X/LB	1.001
PHI	
110.000	-.1480
120.000	-.0820

MACH (2) = 1.250 BETAT (3) = .020

X/LB	1.001
PHI	
110.000	-.1950
120.000	-.1410

DATE 20 SEP 73 TABULATED PRESSURE DATA - 1A9A

AMES 11-707 IA9 CBA + S3 + T9 OMS POD OUTSIDE (RBM#22)

SECTION (1)OMS POD OUTSIDE DEPENDENT VARIABLE CP

MACH (2) = 1.230 BETAT (4) = 4.120

X/LB	1.001
PHI	
110.000	-.2350
120.000	-.1960

MACH (2) = 1.249 BETAT (5) = 8.230

X/LB	1.001
PHI	
110.000	-.2680
120.000	-.2490

AMES 11-707 IA9 02A + S3 + T9 OMS POD OUTSIDE (RBMM23) (28 APR 73)

REFERENCE DATA

SREF = 2.4210 SQ.FT. XMRP = 28.5300 INCHES
LREF = 39.8490 INCHES YMRP = .0000 INCHES
BREF = 39.8490 INCHES ZMRP = .0000 INCHES
SCALE = .0300 SCALE

PARAMETRIC DATA

ALPHAT = -4.000 ORBINC = .500
RUDDER = -10.000 ELEVON = .000
RUDFLR = .000

SECTION (1)OMS POD OUTSIDE DEPENDENT VARIABLE CP

MACH (1) = 1.099 BETAT (1) = -8.200

X/LB	1.001
PHI	
110.000	-.1390
120.000	-.1070

MACH (1) = 1.097 BETAT (2) = -4.090

X/LB	1.001
PHI	
110.000	-.2860
120.000	-.1830

MACH (1) = 1.101 BETAT (3) = .020

X/LB	1.001
PHI	
110.000	-.3260
120.000	-.2580

MACH (1) = 1.102 BETAT (4) = 4.140

X/LB	1.001
PHI	
110.000	-.3670
120.000	-.3260

MACH (1) = 1.098 BETAT (5) = 8.260

X/LB	1.001
PHI	
110.000	-.3880
120.000	-.3570

MACH (2) = 1.248 BETAT (1) = -8.150

X/LB	1.001
PHI	
110.000	-.1310
120.000	-.0360

MACH (2) = 1.249 BETAT (2) = -4.060

X/LB	1.001
PHI	
110.000	-.1610
120.000	-.0930

MACH (2) = 1.248 BETAT (3) = .010

X/LB	1.001
PHI	
110.000	-.2100
120.000	-.1580

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A (RBMM23)

AMES 11-707 IA9 OEA + S3 + T9 OMS POD OUTSIDE

SECTION (1)OMS POD OUTSIDE DEPENDENT VARIABLE CP

MACH (2) = 1.247 BETAT (4) = 4.120

X/LB	1.001
PHI	
110.000	-.2270
120.000	-.1770

MACH (2) = 1.246 BETAT (5) = 8.210

X/LB	1.001
PHI	
110.000	-.2820
120.000	-.2570

DATE 2[illegible] SEP 73 TABULATED PRESSURE DATA - IA9A (RBMM24) (28 APR 73)

AMES 11-707 IA9 O2A + S3 + T9 OMS POD OUTSIDE

REFERENCE DATA

SREF =	2.4210 SQ.FT.	XMRP =	28.5350 INCHES
LREF =	39.8490 INCHES	YMRP =	.0000 INCHES
BREF =	39.8490 INCHES	ZMRP =	.0000 INCHES
SCALE =	.0300 SCALE		

PARAMETRIC DATA

ALPHAT =	-2.000	ORBINC =	.500
RUDDER =	-10.000	ELEVON =	.000
RUDFLR =	.000		

SECTION (1)OMS POD OUTSIDE DEPENDENT VARIABLE CP

MACH (1) = 1.100 BETAT (1) = -8.200

X/LB	1.001
PHI	
110.000	-.2330
120.000	-.1470

MACH (1) = 1.098 BETAT (2) = -4.090

X/LB	1.001
PHI	
110.000	-.3050
120.000	-.2090

MACH (1) = 1.098 BETAT (3) = .030

X/LB	1.001
PHI	
110.000	-.3340
120.000	-.2660

MACH (1) = 1.097 BETAT (4) = 4.130

X/LB	1.001
PHI	
110.000	-.3790
120.000	-.3390

MACH (1) = 1.101 BETAT (5) = 8.250

X/LB	1.001
PHI	
110.000	-.3940
120.000	-.3730

MACH ([illegible]) = 1.246 BETAT (1) = -8.150

X/LB	1.001
PHI	
110.000	-.1540
120.000	-.0600

MACH (2) = 1.249 BETAT (2) = -4.070

X/LB	1.001
PHI	
110.000	-.1880
120.000	-.1090

MACH (2) = 1.249 BETAT (3) = .020

X/LB	1.001
PHI	
110.000	-.2240
120.000	-.1770

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A (RBMM24)

AMES 11-707 IA9 ORA + S3 + T9 OMS POD OUTSIDE

SECTION (1)OMS POD OUTSIDE DEPENDENT VARIABLE CP

MACH (2) = 1.249 BETAT (4) = 4.110

X/LB	1.001
PHI	
110.000	-.2510
120.000	-.2080

MACH (2) = 1.248 BETAT (5) = 8.200

X/LB	1.001
PHI	
110.000	-.2650
120.000	-.2670

DATE 27 SEP 73 TABULATED PRESSURE DATA - IA9A

AMES 11-707 IA9 C2A + S3 + T9 OMS POD OUTSIDE (RBHM25) (28 APR 73)

REFERENCE DATA

SREF =	2.4210 SQ.FT.	XMRP =	28.5300 INCHES		
LREF =	39.8490 INCHES	YMRP =	.0000 INCHES		
BREF =	39.8490 INCHES	ZMRP =	.0000 INCHES		
SCALE =	.0300 SCALE				

PARAMETRIC DATA

ALPHAT =	.000	ORBINC =	.500
RUDDER =	-10.000	ELEVON =	.000
RUDFLR =	.000		

SECTION (1)OMS POD OUTSIDE DEPENDENT VARIABLE CP

MACH (1) = 1.098 BETAT (1) = -8.200

X/LB	1.001
PHI	
110.000	-.2660
120.000	-.1640

MACH (1) = 1.095 BETAT (2) = -4.090

X/LB	1.001
PHI	
110.000	-.3110
120.000	-.2200

MACH (1) = 1.099 BETAT (3) = .020

X/LB	1.001
PHI	
110.000	-.3460
120.000	-.2840

MACH (1) = 1.100 BETAT (4) = 4.130

X/LB	1.001
PHI	
110.000	-.3650
120.000	-.3390

MACH (1) = 1.096 BETAT (5) = 8.280

X/LB	1.001
PHI	
110.000	-.4020
120.000	-.3830

MACH (2) = 1.248 BETAT (1) = -8.160

X/LB	1.001
PHI	
110.000	-.1670
120.000	-.0750

MACH (2) = 1.248 BETAT (2) = -4.070

X/LB	1.001
PHI	
110.000	-.2030
120.000	-.1220

MACH (2) = 1.249 BETAT (3) = .020

X/LB	1.001
PHI	
110.000	-.2370
120.000	-.1650

DATE [illegible] SEP 73 TABULATED PRESSURE DATA - IASA (RBM025)

AMES 11-707 IA9 OEA + 83 + T9 OMS POD OUTSIDE

DEPENDENT VARIABLE CP

SECTION (1)OMS POD OUTSIDE

MACH (2) = 1.251 BETAT (4) = 4.110

X/LB	1.001
PHI	
110.000	-.2500
120.000	-.2170

MACH (2) = 1.248 BETAT (5) = 8.200

X/LB	1.001
PHI	
110.000	-.2920
120.000	-.2870

AMES 11-707 IA9 OEA + S3 + T9 OMS POD OUTSIDE (RBM#23) (28 APR 73)

REFERENCE DATA

SREF = 2.4210 SQ.FT. XMRP = 28.3300 INCHES
LREF = 39.6490 INCHES YMRP = .0000 INCHES
BMLF = 39.6490 INCHES ZMRP = .0000 INCHES
SCALE = .0300 SCALE

PARAMETRIC DATA

ALPHAT = 2.000 ORBINC = .500
RUDDER = -10.000 ELEVON = .000
RUDFLR = .000

SECTION (1) OMS POD OUTSIDE DEPENDENT VARIABLE CP

MACH (1) = 1.099 BETAT (1) = -8.210

X/LB	1.001
PHI	
110.000	-.2850
120.000	-.1720

MACH (1) = 1.099 BETAT (2) = -4.090

X/LB	1.001
PHI	
110.000	-.3190
120.000	-.2320

MACH (1) = 1.100 BETAT (3) = .020

X/LB	1.001
PHI	
110.000	-.3600
120.000	-.2880

MACH (1) = 1.101 BETAT (4) = 4.130

X/LB	1.001
PHI	
110.000	-.3820
120.000	-.3490

MACH (1) = 1.098 BETAT (5) = 8.260

X/LB	1.001
PHI	
110.000	-.3990
120.000	-.3870

MACH (2) = 1.247 BETAT (1) = -8.160

X/LB	1.001
PHI	
110.000	-.2050
120.000	-.1010

MACH (2) = 1.250 BETAT (2) = -4.070

X/LB	1.001
PHI	
110.000	-.2240
120.000	-.1490

MACH (2) = 1.248 BETAT (3) = .020

X/LB	1.001
PHI	
110.000	-.2610
120.000	-.2140

DATE 20 SEP 75 TABULATED PRESSURE DATA - IA9A (RUN026)

AMES 11-707 IA9 ORA +.85 + T9 CNS POD OUTSIDE

SECTION (1)CNS POD OUTSIDE DEPENDENT VARIABLE CP

MACH (2) = 1.246 BETAT (4) = 4.100

X/LB	1.001
PHI	
110.000	-.2790
120.000	-.2470

MACH (2) = 1.247 BETAT (5) = 8.200

X/LB	1.001
PHI	
110.000	-.3120
120.000	-.3120

DATE 25 SEP 73 TABULATED PRESSURE DATA - IA9A (RUN#27) (28 APR 73)

AMES 11-707 IA9 C2A + S3 + T9 OMS POD OUTSIDE

REFERENCE DATA

SREF =	2.4210 SQ.FT.	XMRP =	28.5300 INCHES
LREF =	39.8490 INCHES	YMRP =	.0000 INCHES
BREF =	39.8490 INCHES	ZMRP =	.0000 INCHES
SCALE =	.0300 SCALE		

PARAMETRIC DATA

ALPHAT =	4.000	ORBINC =	.500
RUDDER =	-10.000	ELEVON =	.000
RUDFLR =	.000		

SECTION (1)OMS POD OUTSIDE

DEPENDENT VARIABLE CP

MACH (1) = 1.097 BETAT (1) = -8.200

X/LE	1.001
PHI	
110.000	-.1050
120.000	.0240

MACH (1) = 1.099 BETAT (2) = -4.090

X/LB	1.001
PHI	
110.000	-.2610
120.000	-.2490

MACH (1) = 1.100 BETAT (3) = .020

X/LB	1.001
PHI	
110.000	-.3580
120.000	-.3040

MACH (1) = 1.099 BETAT (4) = 4.140

X/LB	1.001
PHI	
110.000	-.3910
120.000	-.3650

MACH (1) = 1.101 BETAT (5) = 8.260

X/LB	1.001
PHI	
110.000	-.4070
120.000	-.3970

MACH (2) = 1.249 BETAT (1) = -8.150

X/LB	1.001
PHI	
110.000	-.2300
120.000	-.1280

MACH (2) = 1.247 BETAT (2) = -4.060

X/LB	1.001
PHI	
110.000	-.2430
120.000	-.1750

MACH (2) = 1.249 BETAT (3) = .020

X/LB	1.001
PHI	
110.000	-.2740
120.000	-.2290

[illegible] 3EP 73 TABULATED PRESSURE DATA - IA9A (RBM#27)

AMES 11-707 IA9 ORA + S9 + T9 OMS POD OUTSIDE

[illegible] (1)OMS POD OUTSIDE DEPENDENT VARIABLE CP

[illegible] 2) = 1.251 BETAT (4) = 4.110

X/LB	1.001
PHI	
110.000	-.2650
120.000	-.2610

[illegible] 2) = 1.246 BETAT (5) = 8.210

X/LB	1.001
PHI	
110.000	-.3220
120.000	-.3220

DATE 21 SEP 73 TABULATED PRESSURE DATA - IA9A (RBM428) (20 APR 73)

AMES 11-7D7 IA9 O2A + S3 + T9 OMS POD OUTSIDE

REFERENCE DATA

SREF =	2.4210 SQ.FT.	XMRP =	28.5300 INCHES		
LREF =	39.8490 INCHES	YMRP =	.0000 INCHES		
EREF =	39.8490 INCHES	ZMRP =	.0000 INCHES		
SCALE =	.0300 SCALE				

PARAMETRIC DATA

ALPHAT =	6.000	ORBINC =	.500
RUDDER =	-10.000	ELEVON =	.000
RUDFLR =	.000		

SECTION (1)OMS POD OUTSIDE DEPENDENT VARIABLE CP

MACH (1) = 1.099 BETAT (1) = -8.190

X/LB	1.001
PHI	
110.000	-.1430
120.000	-.0220

MACH (1) = 1.098 BETAT (2) = -4.080

X/LB	1.001
PHI	
110.000	-.1320
120.000	-.0120

MACH (1) = 1.099 BETAT (3) = .020

X/LB	1.001
PHI	
110.000	-.3680
120.000	-.3240

MACH (1) = 1.102 BETAT (4) = 4.150

X/LB	1.001
PHI	
110.000	-.4050
120.000	-.3850

MACH (1) = 1.099 BETAT (5) = 8.280

X/LB	1.001
PHI	
110.000	-.4290
120.000	-.4210

MACH (2) = 1.248 BETAT (1) = -8.130

X/LB	1.001
PHI	
110.000	-.2500
120.000	-.1650

MACH (2) = 1.251 BETAT (2) = -4.060

X/LB	1.001
PHI	
110.000	-.2600
120.000	-.1960

MACH (2) = 1.249 BETAT (3) = .010

X/LB	1.001
PHI	
110.000	-.2840
120.000	-.2440

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A (RDM928)

AMES 11-707 IA9 02A + S3 + T9 OMS POD OUTSIDE

SECTION (1)OMS POD OUTSIDE DEPENDENT VARIABLE CP

MACH (2) = 1.245 BETAT (4) = 4.120

X/LB	1.001
PHI	
110.000	-.2870
120.000	-.2710

MACH (2) = 1.245 BETAT (5) = 8.230

X/LB	1.001
PHI	
110.000	-.3370
120.000	-.3270

AMES 11-7D7 1A9 O2A + S3 + T9 OMS POD OUTSIDE (RBM29) (28 APR 73)

REFERENCE DATA

SREF =	2.4210 SQ.FT.	XMRP =	28.3300 INCHES		
LREF =	39.8490 INCHES	YMRP =	.0000 INCHES		
BREF =	39.8490 INCHES	ZMRP =	.0000 INCHES		
SCALE =	.0300 SCALE				

PARAMETRIC DATA

ALPHAT =	8.000	ORBINC =	.500
RUDDER =	-10.000	ELEVON =	.000
RUDFLR =	.000		

SECTION (1)OMS POD OUTSIDE DEPENDENT VARIABLE CP

MACH (1) = 1.098 BETAT (1) = -8.160

X/LB	1.001
PHI	
110.000	-.1650
120.000	-.0400

MACH (1) = 1.096 BETAT (2) = -4.070

X/LB	1.001
PHI	
110.000	-.1990
120.000	-.0760

MACH (1) = 1.098 BETAT (3) = .020

X/LB	1.001
PHI	
110.000	-.1850
120.000	-.0870

MACH (1) = 1.098 BETAT (4) = 4.150

X/LB	1.001
PHI	
110.000	-.4040
120.000	-.4070

MACH (1) = 1.098 BETAT (5) = 8.310

X/LB	1.001
PHI	
110.000	-.4370
120.000	-.4250

MACH (2) = 1.247 BETAT (1) = -8.100

X/LB	1.001
PHI	
110.000	-.2240
120.000	-.1920

MACH (2) = 1.249 BETAT (2) = -4.040

X/LB	1.001
PHI	
110.000	-.2810
120.000	-.2190

MACH (2) = 1.249 BETAT (3) = .020

X/LB	1.001
PHI	
110.000	-.2980
120.000	-.2560

DATE 20 SEP 79 TABULATED PRESSURE DATA - IA9A (RBM#29)

AMES 11-707 IA9 O2A + S3 + T9 OMS POD OUTSIDE

SECTION (1)OMS POD OUTSIDE DEPENDENT VARIABLE CP

MACH (2) = 1.249 BETAT (4) = 4.130

X/LB	1.001
PHI	
110.000	-.3090
120.000	-.2900

MACH (2) = 1.248 BETAT (5) = 8.250

X/LB	1.001
PHI	
110.000	-.3440
120.000	-.3250

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A (RBMN30) (28 APR 73)

AMES 11-707 IA9 O2A + S3 + T9 OMS POD OUTSIDE

REFERENCE DATA

SREF =	2.4210 SQ.FT.	XMRP =	28.5300 INCHES
LREF =	39.8490 INCHES	YMRP =	.0000 INCHES
BREF =	39.8490 INCHES	ZMRP =	.0000 INCHES
SCALE =	.0300 SCALE		

PARAMETRIC DATA

ALPHAT =	-8.000	ORBINC =	.500
RUDDER =	-15.000	ELEVON =	.000
RUDFLR =	.000		

SECTION (1)OMS POD OUTSIDE

DEPENDENT VARIABLE CP

MACH (1) = 1.101 BETAT (1) = -8.180

X/LB	1.001
PHI	
110.000	-.1740
120.000	-.0390

MACH (1) = 1.102 BETAT (2) = -4.080

X/LB	1.001
PHI	
110.000	-.2410
120.000	-.1530

MACH (1) = 1.102 BETAT (3) = .020

X/LB	1.001
PHI	
110.000	-.3110
120.000	-.2480

MACH (1) = 1.100 BETAT (4) = 4.160

X/LB	1.001
PHI	
110.000	-.3550
120.000	-.3190

MACH (1) = 1.102 BETAT (5) = 8.310

X/LB	1.001
PHI	
110.000	-.3910
120.000	-.3680

MACH (2) = 1.244 BETAT (1) = -8.130

X/LB	1.001
PHI	
110.000	-.0860
120.000	.0020

MACH (2) = 1.245 BETAT (2) = -4.050

X/LB	1.001
PHI	
110.000	-.1240
120.000	-.0640

MACH (2) = 1.249 BETAT (3) = .020

X/LB	1.001
PHI	
110.000	-.1790
120.000	-.1290

DATE 2?, SEP 73 TABULATED PRESSURE DATA - IA9A

AMES 11-707 IA9 C2A + S3 + T9 CMS POD OUTSIDE (EMPTY)

SECTION (1)CMS POD OUTSIDE DEPENDENT VARIABLE CP

MACH (9) = 1.245 BETAT (4) = 4.130

X/LB	1.001
PHI	
110.000	-.2210
120.000	-.1610

MACH (2) = 1.247 BETAT (5) = 8.250

X/LB	1.001
PHI	
110.000	-.2750
120.000	-.2525

AMES 11-707 IA9 O2A + S3 + T9 OMS POD OUTSIDE (RBNM31) (28 APR 73)

REFERENCE DATA

SREF = 2.4210 SQ.FT. XMRP = 28.5300 INCHES
LREF = 39.8490 INCHES YMRP = .0000 INCHES
BREF = 39.8490 INCHES ZMRP = .0000 INCHES
SCALE = .0300 SCALE

PARAMETRIC DATA

ALPHAT = -6.000 ORBINC = .500
RUDDER = -15.000 ELEVON = .000
RUDFLR = .000

SECTION (1)OMS POD OUTSIDE DEPENDENT VARIABLE CP

MACH (1) = 1.101 BETAT (1) = -8.190

X/LB	1.001
PHI	
110.000	-.1630
120.000	-.0330

MACH (1) = 1.101 BETAT (2) = -4.090

X/LB	1.001
PHI	
110.000	-.2620
120.000	-.1780

MACH (1) = 1.099 BETAT (3) = .020

X/LB	1.001
PHI	
110.000	-.3220
120.000	-.2550

MACH (1) = 1.098 BETAT (4) = 4.140

X/LB	1.001
PHI	
110.000	-.3640
120.000	-.3220

MACH (1) = 1.097 BETAT (5) = 8.280

X/LB	1.001
PHI	
110.000	-.3850
120.000	-.3690

MACH (2) = 1.247 BETAT (1) = -8.140

X/LB	1.001
PHI	
110.000	-.1140
120.000	-.0010

MACH (2) = 1.248 BETAT (2) = -4.060

X/LB	1.001
PHI	
110.000	-.1500
120.000	-.0830

MACH (2) = 1.251 BETAT (3) = .020

X/LB	1.001
PHI	
110.000	-.1910
120.000	-.1280

DATE 25 SEP 73 TABULATED PRESSURE DATA - IA9A (RBMM31)

AMES 11-7D7 IA9 OBA + S3 + T9 OMS POD OUTSIDE

SECTION (1)OMS POD OUTSIDE DEPENDENT VARIABLE CP

MACH (2) = 1.251 BETAT (4) = 4.120

X/LB	1.001
PHI	
110.000	-.2400
120.000	-.1970

MACH (2) = 1.250 BETAT (5) = 8.230

X/LB	1.001
PHI	
110.000	-.2810
120.000	-.2460

DATE 2[illegible] 73 TABULATED PRESSURE DATA - IA9A

AMES 11-707 IA9 02A + S3 + T9 OMS POD OUTSIDE (RBMM32) (28 APR 73)

REFERENCE DATA

SREF	=	2.4210	SQ.FT.	XMRP	= 28.5300 INCHES
LREF	=	29.8490	INCHES	YMRP	= .0000 INCHES
BREF	=	39.8490	INCHES	ZMRP	= .0000 INCHES
SCALE	=	.0300	SCALE		

PARAMETRIC DATA

ALPHAT =	-4.000	ORBINC =	.500
RUDDER =	-15.000	ELEVON =	.000
RUDFLR =	.000		

SECTION (1)OMS POD OUTSIDE DEPENDENT VARIABLE CP

MACH (1) = 1.100 BETAT (1) = -8.200

X/LB	1.001
PHI	
110.000	-.1410
120.000	-.1060

MACH (1) = 1.098 BETAT (2) = -4.090

X/LB	1.001
PHI	
110.000	-.2880
120.000	-.1910

MACH (1) = 1.100 BETAT (3) = .020

X/LB	1.001
PHI	
110.000	-.3210
120.000	-.2590

MACH (1) = 1.101 BETAT (4) = 4.130

X/LB	1.001
PHI	
110.000	-.3690
120.000	-.3310

MACH (1) = 1.101 BETAT (5) = 8.250

X/LB	1.001
PHI	
110.000	-.3870
120.000	-.3690

MACH (2) = 1.249 BETAT (1) = -8.150

X/LB	1.001
PHI	
110.000	-.1340
120.000	-.0360

MACH (2) = 1.250 BETAT (2) = -4.060

X/LB	1.001
PHI	
110.000	-.1660
120.000	-.0890

MACH (2) = 1.250 BETAT (3) = .020

X/LB	1.001
PHI	
110.000	-.2160
120.000	-.1470

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A (RBMM32)

AMES 11-707 IA9 OEA + S3 + T9 OMS POD OUTSIDE

SECTION (1)OMS POD OUTSIDE DEPENDENT VARIABLE CP

MACH (2) = 1.246 BETAT (4) = 4.110

X/LB	1.001
PHI	
110.000	-.2420
120.000	-.1900

MACH (2) = 1.246 BETAT (5) = 8.210

X/LB	1.001
PHI	
110.000	-.2910
120.000	-.2530

AMES 11-707 IA9 C2A + S3 + T9 OMS POD OUTSIDE (RBM033) (28 APR 73)

REFERENCE DATA

SREF =	2.4210 SQ.FT.	XMRP =	28.5300 INCHES
LREF =	39.8490 INCHES	YMRP =	.0000 INCHES
BREF =	39.8490 INCHES	ZMRP =	.0000 INCHES
SCALE =	.0300 SCALE		

PARAMETRIC DATA

ALPHAT =	-2.000	ORBINC =	.500
RUDDER =	-15.000	ELEVON =	.000
RUDFLR =	.000		

SECTION (1)OMS POD OUTSIDE DEPENDENT VARIABLE CP

MACH (1) = 1.102 BETAT (1) = -8.200

X/LB	1.001
PHI	
110.000	-.2310
120.000	-.1460

MACH (1) = 1.101 BETAT (2) = -4.090

X/LB	1.001
PHI	
110.000	-.2990
120.000	-.2080

MACH (1) = 1.100 BETAT (3) = .020

X/LB	1.001
PHI	
110.000	-.3340
120.000	-.2680

MACH (1) = 1.101 BETAT (4) = 4.130

X/LB	1.001
PHI	
110.000	-.3770
120.000	-.3380

MACH (1) = 1.099 BETAT (5) = 8.250

X/LB	1.001
PHI	
110.000	-.3920
120.000	-.3720

MACH (2) = 1.247 BETAT (1) = -8.150

X/LB	1.001
PHI	
110.000	-.1590
120.000	-.0500

MACH (2) = 1.246 BETAT (2) = -4.060

X/LB	1.001
PHI	
110.000	-.1910
120.000	-.1110

MACH (2) = 1.250 BETAT (3) = .020

X/LB	1.001
PHI	
110.000	-.2300
120.000	-.1770

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A

AMES 11-707 IA9 CEA + S3 + T9 CMS POD OUTSIDE (RBM#33)

SECTION (1)CMS POD OUTSIDE DEPENDENT VARIABLE CP

MACH (2) = 1.230 BETAT (4) = 4.110

X/LB	1.001
PHI	
110.000	-.2900
120.000	-.2010

MACH (2) = 1.248 BETAT (5) = 8.200

X/LB	1.001
PHI	
110.000	-.2950
120.000	-.2800

DATE 20 SE 73 TABULATED PRESSURE DATA - IA9A (RBMM34) (28 APR 73)

AMES 11-7D7 IA9 CBA + S3 + T9 OMS POD OUTSIDE

REFERENCE DATA

SREF	=	2.4210 SQ.FT.	XMRP	=	28.5300 INCHES
LREF	=	39.8490 INCHES	YMRP	=	.0000 INCHES
BREF	=	39.8490 INCHES	ZMRP	=	.0000 INCHES
SCALE	=	.0300 SCALE			

PARAMETRIC DATA

ALPHAT =	.000	ORBINC =	.500
RUDDER =	-15.000	ELEVON =	.000
RUDFLR =	.000		

SECTION (1)OMS POD OUTSIDE — DEPENDENT VARIABLE CP

MACH (1) = 1.097 BETAT (1) = -8.200

X/LB	1.001
PHI	
110.000	-.2610
120.000	-.1570

MACH (1) = 1.100 BETAT (2) = -4.090

X/LB	1.001
PHI	
110.000	-.3090
120.000	-.2190

MACH (1) = 1.099 BETAT (3) = .020

X/LB	1.001
PHI	
110.000	-.3400
120.000	-.2780

MACH (1) = 1.100 BETAT (4) = 4.130

X/LB	1.001
PHI	
110.000	-.3780
120.000	-.3390

MACH (1) = 1.099 BETAT (5) = 8.250

X/LB	1.001
PHI	
110.000	-.4000
120.000	-.3830

MACH (2) = 1.249 BETAT (1) = -8.160

X/LB	1.001
PHI	
110.000	-.1750
120.000	-.0660

MACH (2) = 1.250 BETAT (2) = -4.070

X/LB	1.001
PHI	
110.000	-.2090
120.000	-.1170

MACH (2) = 1.249 BETAT (3) = .020

X/LB	1.001
PHI	
110.000	-.2460
120.000	-.1920

DATE 2[illegible] SEP 73 TABULATED PRESSURE DATA - 1A9A

AMES 11-707 1A9.CPA + S3 + T9 CMB POD OUTSIDE (RBM#34)

SECTION (1)CMB POD OUTSIDE DEPENDENT VARIABLE CP

MACH (2) = 1.245 BETAT (4) = 4.110

X/LB	1.001
PHI	
110.000	-.2620
120.000	-.2190

MACH (2) = 1.247 BETAT (5) = 9.200

X/LB	1.001
PHI	
110.000	-.3090
120.000	-.2800

AMES 11-707 IA9 OEA + S3 + T9 OMS POD OUTSIDE (RBMM35) (28 APR 73)

REFERENCE DATA

SREF = 2.4210 SQ.FT. XMRP = 28.5300 INCHES
LREF = 39.8490 INCHES YMRP = .0000 INCHES
BREF = 39.8490 INCHES ZMRP = .0000 INCHES
SCALE = .0300 SCALE

PARAMETRIC DATA

ALPHAT = 2.000 ORBINC = .500
RUDDER = -15.000 ELEVON = .000
RUDFLR = .000

SECTION (1)OMS POD OUTSIDE DEPENDENT VARIABLE CP

MACH (1) = 1.102 BETAT (1) = -8.210

X/LB	1.001
PHI	
110.000	-.0300
120.000	-.1670

MACH (1) = 1.095 BETAT (2) = -4.090

X/LB	1.001
PHI	
110.000	-.3320
120.000	-.2230

MACH (1) = 1.099 BETAT (3) = .020

X/LB	1.001
PHI	
110.000	-.3490
120.000	-.2700

MACH (1) = 1.101 BETAT (4) = 4.130

X/LB	1.001
PHI	
110.000	-.3860
120.000	-.3500

MACH (1) = 1.106 BETAT (5) = 8.250

X/LB	1.001
PHI	
110.000	-.3950
120.000	-.3820

MACH (2) = 1.248 BETAT (1) = -8.160

X/LB	1.001
PHI	
110.000	-.2140
120.000	-.0930

MACH (2) = 1.244 BETAT (2) = -4.070

X/LB	1.001
PHI	
110.000	-.2300
120.000	-.1390

MACH (2) = 1.250 BETAT (3) = .020

X/LB	1.001
PHI	
110.000	-.2690
120.000	-.2140

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A (RBM#35)

AMES 11-707 IA9 CEA + S3 + T9 OMS POD OUTSIDE

SECTION (1)OMS POD OUTSIDE DEPENDENT VARIABLE CP

MACH (2) = 1.248 BETAT (4) = 4.100

X/LB	1.001
PHI	
110.000	-.2780
120.000	-.2430

MACH (2) = 1.248 BETAT (5) = 8.200

X/LB	1.001
PHI	
110.000	-.3240
120.000	-.3040

AMES 11-707 IA9 C2A + S3 + T9 OMS POD OUTSIDE (RBM#36) (28 APR 73)

REFERENCE DATA

SREF =	2.4210	SQ.FT.	XMRP =	28.5300	INCHES
LREF =	39.8490	INCHES	YMRP =	.0000	INCHES
BREF =	39.8490	INCHES	ZMRP =	.0000	INCHES
SCALE =	.0300	SCALE			

PARAMETRIC DATA

ALPHAT =	4.000	ORBINC =	.500
RUDDER =	-15.000	ELEVON =	.000
RUDFLR =	.000		

SECTION (1)OMS POD OUTSIDE DEPENDENT VARIABLE CP

MACH (1) = 1.103 BETAT (1) = -8.200

X/LB	1.001
PHI	
110.000	-.1060
120.000	.0220

MACH (1) = 1.099 BETAT (2) = -4.090

X/LB	1.001
PHI	
110.000	-.2730
120.000	-.2430

MACH (1) = 1.098 BETAT (3) = .020

X/LB	1.001
PHI	
110.000	-.3630
120.000	-.3040

MACH (1) = 1.098 BETAT (4) = 4.140

X/LB	1.001
PHI	
110.000	-.3890
120.000	-.3620

MACH (1) = 1.100 BETAT (5) = 8.260

X/LB	1.001
PHI	
110.000	-.4090
120.000	-.4060

MACH (2) = 1.248 BETAT (1) = -8.150

X/LB	1.001
PHI	
110.000	-.2390
120.000	-.1140

MACH (2) = 1.249 BETAT (2) = -4.060

X/LB	1.001
PHI	
110.000	-.2480
120.000	-.1580

MACH (2) = 1.249 BETAT (3) = .010

X/LB	1.001
PHI	
110.000	-.2880
120.000	-.2290

DATE 2?. SEP 73 TABULATED PRESSURE DATA - IA9A

AMES 11-7D7 IA9 C2A + S3 + T9 OMS POD OUTSIDE (RBM#56)

SECTION (1)OMS POD OUTSIDE DEPENDENT VARIABLE CP

MACH (2) = 1.245 BETAT (4) = 0.110

X/LB	1.001
PHI	
110.000	-.2690
120.000	-.2520

MACH (2) = 1.246 BETAT (5) = 8.210

X/L	001
PHI	
110.000	-.3350
120.000	-.3170

AMES 11-7[illegible] IA9 O2A + S3 + T9 OMS POD OUTSIDE (REMM37) (28 APR 73)

REFERENCE DATA

SREF = 2.421[illegible] SQ.FT. YMRP = 28.5300 INCHES
LREF = 39.8495 INCHES YMRP = .0000 INCHES
BREF = 39.8495 INCHES ZMRP = .0000 INCHES
SCALE = .0300 SCALE

PARAMETRIC DATA

ALPHAT = 6.000 ORBINC = .500
RUDDER = -15.000 ELEVON = .000
RUDFLR = .000

SECTION (1)OMS POD OUTSIDE DEPENDENT VARIABLE CP

MACH (1) = 1.100 BETAT (1) = -8.180

X/LB	1.001
PHI	
110.000	-.1510
120.000	-.0220

MACH (1) = 1.100 BETAT (2) = -4.080

X/LB	1.001
PHI	
110.000	-.1340
120.000	-.0110

MACH (1) = 1.098 BETAT (3) = .010

X/LB	1.001
PHI	
110.000	-.3390
120.000	-.3220

MACH (1) = 1.100 BETAT (4) = 4.140

X/LB	1.001
PHI	
110.000	-.4060
120.000	-.3870

MACH (1) = 1.099 BETAT (5) = 8.280

X/LB	1.001
PHI	
110.000	-.4280
120.000	-.4140

MACH (2) = 1.247 BETAT (1) = -8.130

X/LB	1.001
PHI	
110.000	-.2560
120.000	-.1600

MACH (2) = 1.248 BETAT (2) = -4.050

X/LB	1.001
PHI	
110.000	-.2720
120.000	-.1960

MACH (2) = 1.247 BETAT (3) = .020

X/LB	1.001
PHI	
110.000	-.2920
120.000	-.2420

DATE 29 SEP 73 TABULATED PRESSURE DATA - IA9A (RBMM37)

AMES 11-707 IA9 02A + 53 + T9 OMS POD OUTSIDE

SECTION (1)OMS POD OUTSIDE DEPENDENT VARIABLE CP

MACH (2) = 1.252 BETAT (4) = 4.120

X/LB	1.001
PHI	
110.000	-.3010
120.000	-.2700

MACH (2) = 1.247 BETAT (5) = 8.230

X/LB	1.001
PHI	
110.000	-.3460
120.000	-.3190

DATE [illegible]

TABULATED PRESSURE DATA - IA9A

AMES 11-707 IA9 O2A + S3 + T9 OMS POD OUTSIDE

(RBMM38) (28 APR 73)

REFERENCE DATA

SREF =	2.4210 SQ.FT.	YMRP =	28.5300	INCHES	
LREF =	39.8490 INCHES	YMRP =	.0000	INCHES	
BREF =	39.8490 INCHES	ZMRP =	.0000	INCHES	
SCALE =	.0300 SCALE				

PARAMETRIC DATA

ALPHAT =	8.000	ORBINC =	.500
RUDDER =	-15.000	ELEVON =	.000
RUDFLR =	.000		

SECTION (1)OMS POD OUTSIDE

DEPENDENT VARIABLE CP

MACH (1) = 1.099 BETAT (1) = -8.170

X/LB	1.001
PHI	
110.000	-.1570
120.000	-.0340

MACH (1) = 1.099 BETAT (2) = -4.070

X/LB	1.001
PHI	
110.000	-.1830
120.000	-.0770

MACH (1) = 1.099 BETAT (3) = .020

X/LB	1.001
PHI	
110.000	-.1870
120.000	-.0880

MACH (1) = 1.095 BETAT (4) = 4.160

X/LB	1.001
PHI	
110.000	-.4120
120.000	-.4070

MACH (1) = 1.097 BETAT (5) = 8.310

X/LB	1.001
PHI	
110.000	-.4380
120.000	-.4270

MACH (2) = 1.245 BETAT (1) = -8.110

X/LB	1.001
PHI	
110.000	-.2360
120.000	-.1700

MACH (2) = 1.251 BETAT (2) = -4.040

X/LB	1.001
PHI	
110.000	-.2780
120.000	-.2150

MACH (2) = 1.246 BETAT (3) = .020

X/LB	1.001
PHI	
110.000	-.3050
120.000	-.2490

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A (RBM#38)

AMES 11-707 IA9 02A + 53 + T9 OMS POD OUTSIDE

SECTION (1)OMS POD OUTSIDE DEPENDENT VARIABLE CP

MACH (2) = 1.245 BETAT (4) = 4.130

X/LB	1.001
PHI	
110.000	-.3160
120.000	-.2700

MACH (2) = 1.245 BETAT (5) = 8.250

X/LB	1.001
PHI	
110.000	-.3500
120.000	-.3130

DATE 25 SEP 73 TABULATED PRESSURE DATA - IA9A (RBMM39) (28 APR 73)

AMES 11-707 IA9 O2A + S3 + T9 OMS POD OUTSIDE

REFERENCE DATA

SREF =	2.4219 SQ.FT.	XMRP =	28.5300 INCHES
LREF =	39.8490 INCHES	YMRP =	.0900 INCHES
BREF =	39.8490 INCHES	ZMRP =	.0000 INCHES
SCALE =	.0300 SCALE		

PARAMETRIC DATA

ALPHAT =	-8.000	ORBINC =	.500
RUDDER =	-5.000	ELEVON =	.000
RUDFLR =	.000		

SECTION (1)OMS POD OUTSIDE

DEPENDENT VARIABLE CP

MACH (1) = 1.105 BETAT (1) = -8.180

X/LB	1.001
PHI	
110.000	-.1830
120.000	-.0460

MACH (1) = 1.097 BETAT (2) = -4.070

X/LB	1.001
PHI	
110.000	-.2500
120.000	-.1560

MACH (1) = 1.098 BETAT (3) = .020

X/LB	1.001
PHI	
110.000	-.3120
120.000	-.2540

MACH (1) = 1.104 BETAT (4) = 4.160

X/LB	1.001
PHI	
110.000	-.3590
120.000	-.3230

MACH (1) = 1.099 BETAT (5) = 8.310

X/LB	1.001
PHI	
110.000	-.3940
120.000	-.3800

MACH (2) = 1.251 BETAT (1) = -8.120

X/LB	1.001
PHI	
110.000	-.0910
120.000	.0020

MACH (2) = 1.249 BETAT (2) = -4.050

X/LB	1.001
PHI	
110.000	-.1290
120.000	-.0640

MACH (2) = 1.246 BETAT (3) = .020

X/LB	1.001
PHI	
110.000	-.1780
120.000	-.1260

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A (RBMM39)

AMES 11-707 IA9 02A + 03 + T9 OMS POD OUTSIDE

SECTION (1)OMS POD OUTSIDE DEPENDENT VARIABLE CP

MACH (2) = 1.246 BETAT (4) = 4.130

X/LB	1.001
PHI	
110.000	-.2130
120.000	-.1650

MACH (2) = 1.245 BETAT (5) = 8.250

X/LB	1.001
PHI	
110.000	-.2710
120.000	-.2530

DATE 2? SEP 72 TABULATED PRESSURE DATA - IA9A (RBMM4D) (28 APR 73)

AMES 11-707 IA9 02A + S3 + T9 OMS POD OUTSIDE

REFERENCE DATA

SREF =	2.4210 SQ.FT.	XMRP =	28.5300 INCHES
LREF =	39.8490 INCHES	YMRP =	.0000 INCHES
BREF =	39.8490 INCHES	ZMRP =	.0000 INCHES
SCALE =	.0300 SCALE		

PARAMETRIC DATA

ALPHAT =	-4.000	ORBINC =	.500
RUDDER =	-5.000	ELEVON =	.000
RUDFLR =	.000		

SECTION (1)OMS POD OUTSIDE — DEPENDENT VARIABLE CP

MACH (1) = 1.101 BETAT (1) = -8.190

X/LB	1.001
PHI	
110.000	-.1460
120.000	-.1310

MACH (1) = 1.101 BETAT (2) = -4.080

X/LB	1.001
PHI	
110.000	-.2900
120.000	-.2010

MACH (1) = 1.101 BETAT (3) = .020

X/LB	1.001
PHI	
110.000	-.3300
120.000	-.2650

MACH (1) = 1.099 BETAT (4) = 4.140

X/LB	1.001
PHI	
110.000	-.3720
120.000	-.3280

MACH (1) = 1.100 BETAT (5) = 8.260

X/LB	1.001
PHI	
110.000	-.3810
120.000	-.3650

MACH (2) = 1.244 BETAT (1) = -8.150

X/LB	1.001
PHI	
110.000	-.1350
120.000	-.0470

MACH (2) = 1.245 BETAT (2) = -4.060

X/LB	1.001
PHI	
110.000	-.1720
120.000	-.1010

MACH (2) = 1.240 BETAT (3) = .010

X/LB	1.001
PHI	
110.000	-.2140
120.000	-.1610

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A (RBMN40)

AMES 11-707 IA9 C2A + S3 + T9 OMS POD OUTSIDE

SECTION (1)OMS POD OUTSIDE DEPENDENT VARIABLE CP

MACH (2) = 1.252 BETAT (4) = 4.110

X/LB	1.001
PHI	
110.000	-.2920
120.000	-.2110

MACH (2) = 1.230 BETAT (5) = 8.210

X/LB	1.001
PHI	
110.000	-.2780
120.000	-.2520

AMES 11-707 IA9 O2A + S3 + T9 OMS POD OUTSIDE (RBMM41) (28 APR 73)

REFERENCE DATA

SREF =	2.4210 SQ.FT.	XMRP =	28.5300 INCHES
LREF =	39.8490 INCHES	YMRP =	.0000 INCHES
BREF =	39.8490 INCHES	ZMRP =	.0000 INCHES
SCALE =	.0300 SCALE		

PARAMETRIC DATA

ALPHAT =	.000	ORBINC =	.500
RUDDER =	-5.000	ELEVON =	.000
RUDFLR =	.000		

SECTION (1)OMS POD OUTSIDE DEPENDENT VARIABLE CP

MACH (1) = 1.101 BETAT (1) = -8.200

X/LB	1.001
PHI	
110.000	-.2780
120.000	-.1670

MACH (1) = 1.098 BETAT (2) = -4.090

X/LB	1.001
PHI	
110.000	-.3200
120.000	-.2310

MACH (1) = 1.100 BETAT (3) = .020

X/LB	1.001
PHI	
110.000	-.3520
120.000	-.2810

MACH (1) = 1.100 BETAT (4) = 4.130

X/LB	1.001
PHI	
110.000	-.3740
120.000	-.3390

MACH (1) = 1.100 BETAT (5) = 8.250

X/LB	1.001
PHI	
110.000	-.4070
120.000	-.3800

MACH (2) = 1.247 BETAT (1) = -8.160

X/LB	1.001
PHI	
110.000	-.1750
120.000	-.0800

MACH (2) = 1.251 BETAT (2) = -4.060

X/LB	1.001
PHI	
110.000	-.2020
120.000	-.1270

MACH (2) = 1.246 BETAT (3) = .020

X/LB	1.001
PHI	
110.000	-.2430
120.000	-.1970

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A (RBM9441)

AMES 11-7D7 IA9 O2A + S3 + T9 OMS POD OUTSIDE

SECTION (1)OMS POD OUTSIDE DEPENDENT VARIABLE CP

MACH (2) = 1.247 BETAT (4) = 4.110

X/LB	1.001
PHI	
110.000	-.2590
120.000	-.2300

MACH (2) = 1.248 BETAT (5) = 8.200

X/LB	1.001
PHI	
110.000	-.3010
120.000	-.2910

AMES 11-707 IA9 C2A + S3 + T9 OMS POD OUTSIDE (RBMM42) (28 APR 73)

REFERENCE DA

SREF =	2.4210 SQ.FT.	XMRP =	28.5300 INCHES		
LREF =	39.6490 INCHES	YMRP =	.0000 INCHES		
BREF =	39.6490 INCHES	ZMRP =	.0000 INCHES		
SCALE =	.0300 SCALE				

PARAMETRIC DATA

ALPHAT =	4.000	ORBINC =	.500
RUDDER =	-5.000	ELEVON =	.000
RUDFLR =	.000		

SECTION (1)OMS POD OUTSIDE DEPENDENT VARIABLE CP

MACH (1) = 1.101 BETAT (1) = -8.190

X/LB	1.001
PHI	
110.000	-.1060
120.000	.0100

MACH (1) = 1.102 BETAT (2) = -4.090

X/LB	1.001
PHI	
110.000	-.2920
120.000	-.2620

MACH (1) = 1.098 BETAT (3) = .020

X/LB	1.001
PHI	
110.000	-.3640
120.000	-.3070

MACH (1) = 1.099 BETAT (4) = 4.140

X/LB	1.001
PHI	
110.000	-.3970
120.000	-.3690

MACH (1) = 1.100 BETAT (5) = 8.260

X/LB	1.001
PHI	
110.000	-.4090
120.000	-.3930

MACH (2) = 1.245 BETAT (1) = -8.140

X/LB	1.001
PHI	
110.000	-.2400
120.000	-.1340

MACH (2) = 1.246 BETAT (2) = -4.060

X/LB	1.001
PHI	
110.000	-.2450
120.000	-.1790

MACH (2) = 1.249 BETAT (3) = .020

X/LB	1.001
PHI	
110.000	-.2700
120.000	-.2330

AMES 11-707 IA9 O2A + S3 + T9 OMS POD OUTSIDE (RBM442)

SECTION (1)OMS POD OUTSIDE DEPENDENT VARIABLE CP

MACH (2) = 1.247 BETAT (4) = 4.110

X/LB	1.001
PHI	
110.000	-.2830
120.000	-.2590

MACH (2) = 1.246 BETAT (5) = 8.210

X/LB	1.001
PHI	
110.000	-.3300
120.000	-.3250

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A (RB13443) (28 APR 73)

AMES 11-707 IA9 C2A + S3 + T9 OMS POD OUTSIDE

REFERENCE DATA

SREF =	2.4210 SQ.FT.	XMRP =	28.5300 INCHES
LREF =	39.8490 INCHES	YMRP =	.0000 INCHES
BREF =	39.8490 INCHES	ZMRP =	.0000 INCHES
SCALE =	.0300 SCALE		

PARAMETRIC DATA

ALPHAT =	8.000	ORBINC =	.500
RUDDER =	-5.000	ELEVON =	.000
RUDFLR =	.000		

SECTION (1)OMS POD OUTSIDE DEPENDENT VARIABLE CP

MACH (1) = 1.101 BETAT (1) = -8.160

X/LB	1.001
PHI	
110.000	-.1640
120.000	-.0370

MACH (1) = 1.097 BETAT (2) = -4.070

X/LB	1.001
PHI	
110.000	-.2000
120.000	-.0790

MACH (1) = 1.101 BETAT (3) = .010

X/LB	1.001
PHI	
110.000	-.1740
120.000	-.0580

MACH (1) = 1.099 BETAT (4) = 4.150

X/LB	1.001
PHI	
110.000	-.4080
120.000	-.4050

MACH (1) = 1.099 BETAT (5) = 8.300

X/LB	1.001
PHI	
110.000	-.4190
120.000	-.4130

MACH (2) = 1.245 BETAT (1) = -8.110

X/LB	1.001
PHI	
110.000	-.1710
120.000	-.0810

MACH (2) = 1.249 BETAT (2) = -4.040

X/LB	1.001
PHI	
110.000	-.2840
120.000	-.2250

MACH (2) = 1.246 BETAT (3) = .020

X/LB	1.001
PHI	
110.000	-.3000
120.000	-.2610

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A (RBMM43)

AMES 11-707 IA9 OEA + S3 + T9 OMS POD OUTSIDE

SECTION (1)OMS POD OUTSIDE DEPENDENT VARIABLE CP

MACH (2) = 1.245 BETAT (4) = 4.130

X/LB	1.001
PHI	
110.000	-.3130
120.000	-.2850

MACH (2) = 1.246 BETAT (5) = 8.250

X/LB	1.001
PHI	
110.000	-.3420
120.000	-.3280

DATE 25 SEP 73 TABULATED PRESSURE DATA - IA9A (RBMM44) 1 27 APR 73

AMES 11-707 IA9 ORA + S3 + T9 OMS POD OUTSIDE

REFERENCE DATA

SREF = 2.4210 SQ.FT. XMRP = 28.5300 INCHES
LREF = 39.8490 INCHES YMRP = .0000 INCHES
BREF = 39.8490 INCHES ZMRP = .0000 INCHES
SCALE = .0300 SCALE

PARAMETRIC DATA

BETAT = .000 ORBINC = -1.200
RUDDER = .000 ELEVON = .000
RUDFLR = .000

SECTION (1)OMS POD OUTSIDE

DEPENDENT VARIABLE CP

MACH (1) = .600 ALPHAT(1) = -8.050

X/LB	1.001
PHI	
110.000	-.2700
120.000	-.2030

MACH (1) = .600 ALPHAT(2) = -5.990

X/LB	1.001
PHI	
110.000	-.2680
120.000	-.2040

MACH (1) = .598 ALPHAT(3) = -3.990

X/LB	1.001
PHI	
110.000	-.2590
120.000	-.1930

MACH (1) = .599 ALPHAT(4) = -1.970

X/LB	1.001
PHI	
110.000	-.2580
120.000	-.1950

MACH (1) = .600 ALPHAT(5) = .060

X/LB	1.001
PHI	
110.000	-.2530
120.000	-.1900

MACH (1) = .600 ALPHAT(6) = 2.070

X/LB	1.001
PHI	
110.000	-.2450
120.000	-.1840

MACH (1) = .600 ALPHAT(7) = 4.010

X/LB	1.001
PHI	
110.000	-.2450
120.000	-.1850

MACH (1) = .598 ALPHAT(8) = 6.040

X/LB	1.001
PHI	
110.000	-.2350
120.000	-.1850

DATE 15 SEP 73 TABULATED PRESSURE DATA - IA9A (RBMM44)

AMES 11-foot IA9 O2A + S3 + T9 OMS POD OUTSIDE

SECTION (1)OMS POD OUTS. DEPENDENT VARIABLE CP

MACH (1) = .599 ALPHAT(9) = 8.020

X/LB	1.001
PHI	
110.000	-.2310
120.000	-.1790

MACH (2) = .901 ALPHAT(1) = -8.070

X/LB	1.001
PHI	
110.000	-.3050
120.000	-.2530

MACH (2) = .901 ALPHAT(2) = -6.030

X/LB	1.001
PHI	
110.000	-.3020
120.000	-.2260

MACH (2) = .899 ALPHAT(3) = -4.020

X/LB	1.001
PHI	
110.000	-.2950
120.000	-.2190

MACH (2) = .900 ALPHAT(4) = -1.090

X/LB	1.001
PHI	
110.000	-.2750
120.000	-.2120

MACH (2) = .902 ALPHAT(5) = .010

X/LB	1.001
PHI	
110.000	-.2780
120.000	-.2040

MACH (2) = .902 ALPHAT(6) = 1.990

X/LB	1.001
PHI	
110.000	-.2640
120.000	-.1910

MACH (2) = .901 ALPHAT(7) = 4.010

X/LB	1.001
PHI	
110.000	-.2540
120.000	-.1850

MACH (2) = .904 ALPHAT(8) = 6.000

X/LB	1.001
PHI	
110.000	-.2530
120.000	-.1930

DATE 20 SEP 7: TABULATED PRESSURE DATA - IA9A

AMES 11-707 IA9 O2A + S3 + T9 OMS POD OUTSIDE (RBMM44)

SECTION (1)OMS POD OUTSIDE DEPENDENT VARIABLE CP

MACH (2) = .898 ALPHAT(9) = 7.990

X/LB	1.001
PHI	
110.000	-.2530
120.000	-.2000

MACH (3) = 1.103 ALPHAT(1) = -8.010

X/LB	1.001
PHI	
110.000	-.2780
120.000	-.2220

MACH (3) = 1.097 ALPHAT(2) = -5.950

X/LB	1.001
PHI	
110.000	-.2960
120.000	-.2390

MACH (3) = 1.100 ALPHAT(3) = -3.970

X/LB	1.001
PHI	
110.000	-.3050
120.000	-.2490

MACH (3) = 1.102 ALPHAT(4) = -1.990

X/LB	1.001
PHI	
110.000	-.3310
120.000	-.2560

MACH (3) = 1.100 ALPHAT(5) = .030

X/LB	1.001
PHI	
110.000	-.3280
120.000	-.2640

MACH (3) = 1.101 ALPHAT(6) = 2.040

X/LB	1.001
PHI	
110.000	-.3400
120.000	-.2730

MACH (3) = 1.102 ALPHAT(7) = 3.980

X/LB	1.001
PHI	
110.000	-.3530
120.000	-.2920

MACH (3) = 1.105 ALPHAT(8) = 6.030

X/LB	1.001
PHI	
110.000	-.3560
120.000	-.3000

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A (RBMM44)

AMES 11-707 IA9 C2A + S3 + T9 OMS POD OUTSIDE

SECTION (1)OMS POD OUTSIDE DEPENDENT VARIABLE CP

MACH (3) = 1.102 ALPHAT(9) = 8.010

X/LB	1.001
PHI	
110.000	-.3720
120.000	-.3210

MACH (4) = 1.247 ALPHAT(1) = -8.060

X/LB	1.001
PHI	
110.000	-.1560
120.000	-.1140

MACH (4) = 1.250 ALPHAT(2) = -5.980

X/LB	1.001
PHI	
110.000	-.1720
120.000	-.1220

MACH (4) = 1.247 ALPHAT(3) = -3.980

X/LB	1.001
PHI	
110.000	-.1860
120.000	-.1370

MACH (4) = 1.248 ALPHAT(4) = -2.000

X/LB	1.001
PHI	
110.000	-.2080
120.000	-.1520

MACH (4) = 1.248 ALPHAT(5) = .020

X/LB	1.001
PHI	
110.000	-.2230
120.000	-.1750

MACH (4) = 1.244 ALPHAT(6) = 2.070

X/LB	1.001
PHI	
110.000	-.2440
120.000	-.1890

MACH (4) = 1.248 ALPHAT(7) = 4.020

X/LB	1.001
PHI	
110.000	-.2590
120.000	-.2100

MACH (4) = 1.246 ALPHAT(8) = 6.030

X/LB	1.001
PHI	
110.000	-.2680
120.000	-.2360

AMES 11-7?7 IA9 O2A + S3 + T9 OMS POD OUTSIDE (RBMM44)

SECTION 1 :OMS POD OUTSIDE DEPENDENT VARIABLE CP

MACH (4) = 1.246 ALPHAT(9) = 8.010

X/LB	1.051
PHI	
110.000	-.2830
120.000	-.2410

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A (RBMLD1) (27 APR 73)

AMES 11-707 IA9 CBA + S3 + T9 LOWER WING

REFERENCE DATA

SREF = 2.4210 SQ.FT. XMRP = 28.5300 INCHES
LREF = 39.8490 INCHES YMRP = .0000 INCHES
BREF = 39.8490 INCHES ZMRP = .0000 INCHES
SCALE = .0300 SCALE

PARAMETRIC DATA

BETAT = .000 ORBINC = 1.500
RUDDER = .000 ELEVON = .000
RUDFLR = .000

SECTION (1)LOWER WING

DEPENDENT VARIABLE CP

MACH (1) = .601 ALPHAT(1) = -8.140

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.0400	-.0870	.1850	.2160	.1140	-.0340	-.0500
.050				-.4400	-.5240	-.6600	-.6400
.081			-.1600				
.086		-.0200					
.094	-.0210						
.150				-.2420	-.3180	-.3310	-.4000
.177			-.1860				
.229	-.0020						
.246		-.0570					
.250				-.2830	-.2660	-.2610	-.2900
.362	.0050						
.400				-.2210	-.2410		-.2710
.402			-.2490				
.497	-.1420						
.550				-.3100	-.3270		
.565			-.3040				
.600							-.2580
.650						-.2660	
.700	-.2790				-.3190		
.725				-.2950			
.750						-.2330	-.2480
.760			-.3090				
.775				-.2360	-.2530		
.808			-.1960				
.834	-.2230						
.850				-.1780	-.1670	-.1500	
.857			-.1590				
.865	-.1840						
.900	-.1350			-.0780			-.1940
.905			-.0810				
.950				.0430	.0350	.0290	
.953			.0160				
.965	-.0540						

MACH (1) = .998 ALPHAT(2) = -6.130

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.0330	-.0140	.2490	.3590	.2860	.2220	.2170
.050				-.3020	-.3850	-.4660	-.5950
.081			-.0890				
.086		-.0010					
.094	-.0070						

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A

AMES 11-707 IA9 CEA + S3 + T9 LOWER WING (RBML01)

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (1) = .598 ALPHAT(2) = -6.130

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.150				-.1820	-.2280	-.2780	-.2480
.177			-.1470				
.229	.0180						
.246		-.0030					
.250				-.2300	-.2040	-.1940	-.1870
.362	.0320						
.400				-.1870	-.2050		-.2250
.402			-.2240				
.497	-.1130						
.550				-.2900	-.3010		
.565			-.2960				
.600							-.2440
.650						-.2600	
.700	-.2840				-.3040		
.725				-.2900			
.750						-.2340	-.2330
.760			-.3140				
.775				-.2410	-.2470		
.808			-.2050				
.834	-.2300						
.850				-.1870	-.1630	-.1510	
.857			-.1580				
.865	-.1800						
.900	-.1280			-.0830			-.0800
.905			-.0860				
.950				.0350	.0410	.0360	
.953			.0150				
.965	-.0410						

MACH (1) = .597 ALPHAT(3) = -4.100

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.0490	.0120	.2740	.4350	.4010	.3780	.3680
.050				-.2180	-.2300	-.2510	-.3800
.081			-.0130				
.086		.0180					
.094	.0040						
.150				-.1110	-.1460	-.2030	-.1470
.177			-.0910				
.229	.0300						
.246		.0310					
.250				-.1720	-.1450	-.1380	-.1360
.362	.0520						
.400				-.1520	-.1650		-.1910
.402			-.1970				
.497	-.0850						

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A (RBMLD1)

AMES 11-7D7 IA9 CBA + S3 + T9 LOWER WING

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (1) = .597 ALPHAT(3) = -4.100

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.550				-.2630	-.2950		
.565			-.2810				-.2320
.600						-.2420	
.650					-.2940		
.700	-.2690			-.2800			
.725						-.2260	-.2350
.750							
.760			-.3100				
.775				-.2330	-.2410		
.808			-.2020				
.834	-.2280						
.850				-.1840	-.1640	-.1560	
.857			-.1590				
.885	-.1780						
.900	-.1200			-.0870			-.0880
.905			-.0870				
.950				.0540	.0980	.0910	
.953			.0160				
.985	-.0340						

MACH (1) = .999 ALPHAT(4) = -2.080

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.0980	-.0040	.2540	.4500	.4110	.4270	.3690
.050				-.1080	-.0940	-.1370	-.1400
.081			.0800				
.086		.0270					
.094	.0080			-.0580	-.0770	-.1170	-.0660
.150							
.177			-.0900				
.229	.0370						
.246		.0630					
.250				-.1360	-.0960	-.0830	-.0710
.362	.0750						
.400				-.1220	-.1310		-.1570
.402			-.1600				
.497	-.0500						
.550				-.2500	-.2700		
.565			-.2650				-.2170
.600						-.2900	
.650					-.2870		
.700	-.2600			-.2780			
.725						-.2210	-.2330
.750							
.760			-.3050				
.775				-.2370	-.2410		

DATE 20 SEP 7- TABULATED PRESSURE DATA - 1A9A

AMES 11-707 1A9 02A + S3 + T9 LOWER WING (RBML01)

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (1) = .599 ALPHAT(4) = -2.060

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.608			-.1940				
.834	-.2230						
.850				-.1910	-.1670	-.1610	
.857			-.1740				
.865	-.1690						
.900	-.1190			-.0950			-.1010
.905			-.0990				
.950				.0300	.0300	.0250	
.953			.0100				
.965	-.0280						

MACH (1) = .597 ALPHAT(5) = -.060

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.1590	-.0630	.2040	.4090	.3560	.3680	.2100
.050				.0020	.0240	.0210	.0240
.081			.1250				
.086		.0360					
.094	.0240						
.150				-.0020	.0040	-.0270	.0100
.177			.0180				
.229	.0490						
.246		.1020					
.250				-.0790	-.0380	-.0210	-.0240
.362	.0950						
.400				-.0840	-.0840		-.1190
.402			-.1240				
.497	-.0120						
.550				-.2170	-.2390		
.565			-.2360				
.600							-.1920
.650						-.2060	
.700	-.2430				-.2700		
.725				-.2610			
.750						-.2080	-.2270
.760			-.3000				
.775				-.2270	-.2310		
.808			-.1890				
.834	-.2160						
.850				-.1900	-.1670	-.1700	
.857			-.1690				
.865	-.1650						
.900	-.1110			-.0980			-.1140
.905			-.0990				
.950				.0190	.0210	.0150	
.953			.0050				

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A (RBML01)

AMES 11-707 IA9 C2A + S3 + T9 LOWER WING

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (1) = .597 ALPHAT(5) = -.060

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.965	-.0290						

MACH (1) = .598 ALPHAT(6) = 1.960

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.2640	-.1820	.1010	.3040	.2080	.1850	-.1360
.050				.1060	.1370	.1410	.1680
.081			.1860				
.086		.0350					
.094	.0320						
.150				.0700	.0740	.0580	.0800
.177			.0770				
.229	.0580						
.246		.1330					
.250				-.0280	.0240	.0470	.0270
.362	.1110						
.400				-.0370	-.0320		-.0740
.402			-.0930				
.497	.0190						
.550				-.1800	-.2050		
.565			-.2100				
.600							-.1810
.650						-.1800	
.700	-.2150				-.2490		
.725				-.2450			
.750						-.1960	-.2180
.760			-.2880				
.775				-.2210	-.2200		
.808			-.1910				
.834	-.2200						
.850				-.1810	-.1600	-.1580	
.857			-.1620				
.865	-.1720						
.900	-.1280			-.0960			-.1150
.905			-.0970				
.950				.0210	.0200	.0140	
.953			.0030				
.965	-.0460						

MACH (1) = .597 ALPHAT(7) = 3.930

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.3700	-.3170	-.1210	.1520	.0140	-.0850	-.6310
.050				.2070	.2410	.2620	.2790
.081			.2410				
.086		.0440					
.094	.0440						

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A

AMES 11-707 IA9 C2A + S3 + T9 LOWER WING (RBML01)

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (1) = .597 ALPHAT(7) = 3.930

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.150				.1350	.1480	.1550	.1440
.177			.1230				
.229	.0710						
.246		.1620					
.250				.0380	.0950	.1040	.0830
.362	.1350						
.400				.0020	.0080		-.0370
.402			-.0480				
.497	.0540						
.550				-.1500	-.1590		
.565			-.1830				
.600							-.1440
.650						-.1430	
.700	-.1890				-.2240		
.725				-.2170			
.750						-.1680	-.1930
.760			-.2840				
.775				-.1990	-.1960		
.808			-.1810				
.834	-.2060						
.850				-.1760	-.1480	-.1560	
.857			-.1570				
.865	-.1610						
.900	-.1160			-.0940			-.1200
.905			-.0940				
.950				.0190	.0180	.0060	
.953			.0060				
.965	-.0350						

MACH (1) = .600 ALPHAT(8) = 5.900

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.4830	-.4660	-.1850	-.0430	-.2560	-.4280	-1.1290
.050				.2850	.3420	.3450	.3590
.081			.2970				
.086		.0430					
.094	.0510						
.150				.1940	.2190	.2180	.2100
.177			.1650				
.229	.0770						
.246		.1910					
.250				.0850	.1420	.1610	.1370
.362	.1530						
.400				.0430	.0630		.0030
.402			-.0150				
.497	.0660						

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A (RBML01)

AMES 11-7D7 IA9 C2A + S3 + T9 LOWER WING

DEPENDENT VARIABLE CP

SECTION (1)LOWER WING

MACH (1) = .600 ALPHAT(8) = 5.900

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.550				-.1130	-.1310		
.565			-.1590				-.1060
.600						-.1160	
.650					-.2030		
.700	-.1790			-.1950			
.725						-.1510	-.1850
.750							
.760			-.2650	-.1780	-.1900		
.775							
.808			-.1640				
.834	-.1990			-.1610	-.1480	-.1500	
.850							
.857			-.1440				
.865	-.1550			-.0820			-.1350
.900	-.1060						
.905			-.0870	.0290	.0060	-.0050	
.950							
.953			.0110				
.965	-.0270						

MACH (1) = .599 ALPHAT(9) = 7.950

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.4890	-.5070	-.3430	-.2350	-.5150	-.7750	-1.5590
.050				.3510	.4130	.4260	.4130
.081			.3370				
.086		.0420					
.094	.0600			.2380	.2810	.2790	.2680
.150			.2070				
.177							
.229	.0930						
.246		.2180		.1230	.1960	.2180	.1930
.250							
.362	.1740			.0680	.1160		.0430
.410							
.482			.1030				
.497	.0960			-.0980	-.0970		
.550							
.565			-.1350				-.0760
.600						-.0860	
.650					-.1810		
.700	-.1590			-.1850			
.725						-.1380	-.1630
.750							
.760			-.2520	-.1860	-.1760		
.775							

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A

AMES 11-707 IA9 C2A + S3 + T9 LOWER WING (RBMLO1)

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (1) = .599 ALPHAT(9) = 7.950

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.808			-.1590				
.834	-.1870						
.850				-.1580	-.1490	-.1510	
.857			-.1440				
.865	-.1460						
.900	-.0980			-.0900			-.1380
.905			-.0830				
.950				.0200	-.0100	-.0330	
.953			.0120				
.965	-.0210						

MACH (2) = .905 ALPHAT(1) = -8.020

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.0080	-.0280	.3050	.3910	.2830	.1800	.1230
.050				-.3090	-.5150	-1.1570	-.8150
.081			-.0160				
.086		.0470					
.094	.0110						
.150				-.1780	-.3710	-.4410	-.6220
.177			-.1020				
.229	.0660						
.246		.0780					
.250				-.3180	-.3700	-.3570	-.6070
.362	.1180						
.400				-.2750	-.2890		-.3590
.402			-.3320				
.497	-.0460						
.550				-.3540	-.4590		
.565			-.3300				
.600							-.4600
.650						-.5000	
.700	-.3000				-.6200		
.725				-.6060			
.750						-.5230	-.3660
.760			-.4620				
.775				-.3090	-.4140		
.808			-.2760				
.834	-.2920						
.850				-.1090	-.0890	-.0550	
.857			-.1710				
.865	-.2660						
.900	-.1970			-.0090			-.0250
.905			-.0680				
.950				.0450	.0700	.0960	
.953			.0190				

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A (RBMLO1)

AMES 11-707 IA9 O2A + S3 + T9 LOWER WING

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (2) = .955 ALPHAT(1) = -8.020

Y/BW	.299	.364	.427	.534	.673	.785	.887
X/CW							
.965	-.0890						

MACH (2) = .899 ALPHAT(2) = -5.960

Y/BW	.299	.364	.427	.534	.673	.785	.887
X/CW							
.000	-.0070	.0300	.3360	.4670	.3760	.3580	.2610
.050				-.2040	-.3560	-.8210	-.5790
.081			.0450				
.086		.0620					
.094	.0270						
.150				-.1200	-.2630	-.2510	-.4570
.177			-.0530				
.229	.0770						
.246		.1090					
.250				-.2480	-.1890	-.2120	-.2710
.362	.1350						
.400				-.1450	-.2260		-.3280
.402			-.2420				
.497	-.0190						
.550				-.3090	-.4190		
.565			-.2930				-.5000
.600						-.5120	
.650							
.700	-.2420				-.6040		
.725				-.6040			
.750						-.5590	-.4210
.760			-.4830				
.775				-.3600	-.4090		
.808			-.3100				
.834	-.2880						
.850				-.1280	-.0770	-.0530	
.857			-.1640				
.865	-.2620						
.900	-.1730			-.0190			.0110
.905			-.0520				
.950				.0720	.0740	.0670	
.953			.0430				
.965	-.0670						

MACH (2) = .898 ALPHAT(3) = -4.000

Y/BW	.299	.364	.427	.534	.673	.785	.887
X/CW							
.000	-.0320	.0480	.3400	.5070	.4360	.4040	.3590
.050				-.1350	-.2620	-.2520	-.4590
.081			.1060				
.086		.0700					
.094	.0360						

DATE 20 SEP 7[illegible] TABULATED PRESSURE DATA - IA9A

AMES 11-7?7 IA9 O2A + S3 + T9 LOWER WING (RBML01)

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (2) = .898 ALPHAT(3) = -4.000

Y/BW	.299	.364	.427	.534	.673	.785	.887
X/CW							
.150				-.0620	-.1440	-.1630	-.1800
.177			-.0040				
.229	.0830						
.246		.1300					
.250				-.1690	-.1290	-.1380	-.1650
.362	.1480						
.400				-.1080	-.1700		-.2840
.402			-.1630				
.497	.0110						
.550				-.2740	-.4080		
.565			-.2690				
.600							-.4900
.650						-.4910	
.700	-.2180				-.5870		
.725				-.5960			
.750						-.5560	-.4400
.760			-.5040				
.775				-.3510	-.3820		
.808			-.2880				
.834	-.2860						
.850				-.1240	-.0690	-.0460	
.857			-.1520				
.865	-.2450						
.900	-.1610			-.0160			.0180
.905			-.0550				
.950				[illegible]950	.0670	.0810	
.953			.0490				
.965	-.0430						

MACH (2) = .902 ALPHAT(4) = -1.980

Y/BW	.299	.364	.427	.534	.673	.785	.887
X/CW							
.[illegible]40	-.0850	.0320	.3200	.5090	.4510	.4490	.3540
.050				-.0240	-.0490	-.[illegible]90	-.1780
.081			.1650				
.086		.0790					
.094	.0430						
.150				.0480	-.0510	-.0580	-.0950
.177			.0480				
.229	.0880						
.246		.1540					
.250				-.1020	-.0590	-.0690	-.1110
.362	.1620						
.400				-.0690	-.1220		-.2620
.402			-.1170				
.497	.0390						

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A

AMES 11-707 IA9 O2A + S3 + T9 LOWER WING (RBMLD1)

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (2) = .902 ALPHAT(4) = -1.980

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.550				-.2420	-.3770		
.565			-.2380				-.4750
.600						-.4620	
.650					-.5650		
.700	-.1960			-.5810			
.725						-.5840	-.5960
.750							
.760			-.5590				
.775				-.3850	-.5270		
.808			-.2930				
.834	-.2890						
.850				-.1330	-.0750	-.0510	
.857			-.1560				
.865	-.2500						.0100
.900	-.1500			-.0190			
.905			-.0560				
.950				.0930	.0760	.0930	
.953			.0560				
.965	-.0320						

MACH (2) = .902 ALPHAT(5) = .090

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.1650	-.0[illegible]50	.2780	.4830	.4170	.4320	.2630
.050				.0710	.0440	.0240	.0090
.081			.2250				
.086		.0880					
.094	.0560						
.150				.0680	.0420	.0230	-.0180
.177			.0990				
.229	.1040						
.246		.1840					
.250				-.0370	.0040	-.0010	-.0470
.362	.1830						
.400				-.0240	-.0690		-.2070
.402			-.0690				
.497	.0710						
.550				-.2100	-.3360		
.565			-.2070				
.600							-.4180
.650						-.4240	
.700	-.1670				-.5290		
.725				-.5330			
.750						-.5480	-.6100
.760			-.5310				
.775				-.4000	-.6470		

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A

AMES 11-707 IA9 C2A + S3 + T9 LOWER WING (RBMLD1)

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (2) = .902 ALPHAT(5) = .030

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.808			-.2650				
.834	-.2820						
.850				-.1560	-.1120	-.0950	
.857			-.1590				
.865	-.2270						
.900	-.1350			-.0350			-.0260
.905			-.0540				
.950				.0900	.1080	.1000	
.953			.0570				
.965	-.0240						

MACH (2) = .901 ALPHAT(6) = 2.100

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.2880	-.1370	.2100	.4300	.3440	.3540	.0960
.050				.1540	.1620	.1510	.1430
.081			.2710				
.086		.0870					
.094	.0630						
.150				.1200	.1150	.1010	.0550
.177			.1420				
.229	.1020						
.246		.2060					
.250				.0200	.0580	.0540	.0110
.362	.1930						
.400				.0100	-.0260		-.1520
.402			-.0290				
.497	.0990						
.550				-.1860	-.3000		
.565			-.1810				
.600							-.3530
.650						-.3820	
.700	-.1440				-.4900		
.725				-.5250			
.750						-.4840	-.5150
.760			-.5340				
.775				-.3690	-.6000		
.808			-.2680				
.834	-.2780						
.850				-.2140	-.1940	-.2790	
.857			-.1850				
.865	-.2250						
.900	-.1360			-.0810			-.1740
.905			-.0830				
.950				.0670	.0590	-.0050	
.953			.0440				

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A (RBMLD1)

AMES 11-707 IA9 C2A + S3 + T9 LOWER WING

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (2) = .901 ALPHAT(6) = 2.100

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.965	-.0270						

MACH (2) = .859 ALPHAT(7) = 4.030

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.3340	-.2340	.1320	.3710	.2570	.2390	-.0930
.050				.2350	.2440	.2420	.2460
.081			.3200				
.086		.0920					
.094	.0770						
.150				.1770	.1760	.1710	.1240
.177			.1870				
.229	.1190						
.246		.2340					
.250				.0660	.1060	.1080	.0580
.362	.2140						
.400				.0450	.0130		-.0940
.402			.0000				
.497	.1260						
.550				-.1610	-.2570		
.565			-.1640				
.600							-.3100
.650						-.3320	
.700	-.1260				-.4280		
.725				-.4810			
.750						-.4130	-.4070
.760			-.4440				
.775				-.3120	-.4680		
.808			-.2570				
.834	-.2640						
.850				-.2740	-.2990	-.3710	
.857			-.2070				
.865	-.2080						
.900	-.1460			-.1210			-.3150
.905			-.0940				
.950				.0400	-.0210	-.1340	
.953			.0380				
.965	-.0330						

MACH (2) = .901 ALPHAT(8) = 6.000

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.3440	-.2860	.0520	.3140	.1850	.1310	-.2510
.050				.2990	.3160	.3250	.3240
.081			.3630				
.086		.0980					
.094	.0930						

DATE 20 SEP 7[illegible] TABULATED PRESSURE DATA - IA9A

AMES 11-707 IA9 O2A + S3 + T9 LOWER WING (RBMLO1)

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (2) = .901 ALPHAT(8) = 6.000

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.150				.2240	.2230	.2320	.1900
.177			.2240				
.229	.1310						
.246		.2640					
.250				.1140	.1580	.1620	.1220
.362	.2340						
.400				.0750	.0560		-.0380
.402			.0330				
.497	.1530						
.550				-.1330	-.2180		
.565			-.1380				-.2510
.600						-.2720	
.650					-.4110		
.700	-.1030			-.4310			
.725						-.3740	-.3870
.750							
.760			-.4000				
.775				-.3870	-.4650		
.808			-.2880				
.834	-.2520						
.850				-.3390	-.4080	-.5020	
.857			-.2590				
.865	-.2190						
.900	-.1480			-.1920			-.4840
.905			-.1450				
.950				-.0260	-.1510	-.2950	
.953			.0000				
.965	-.0470						

MACH (2) = .902 ALPHAT(9) = 8.030

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.3690	-.3300	-.0310	.2400	.0860	.0130	-.4140
.050				.3550	.3910	.3950	.3990
.081			.3820				
.086		.0960					
.094	.0970						
.150				.2660	.2840	.2970	.2510
.177			.2440				
.229	.1420						
.246		.2720					
.250				.1530	.2080	.2210	.1710
.362	.2400						
.400				.1010	.0990		.0140
.402			.0500				
.497	.1620						

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A (RBMLD1)

AMES 11-707 IA9 ORA + S3 + T9 LOWER WING

DEPENDENT VARIABLE CP

SECTION (1)LOWER WING

MACH (2) = .902 ALPHAT(9) = 8.030

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.550				-.1110	-.1770		
.565			-.1280				-.2020
.600						-.2190	
.650					-.3600		
.700	-.0950			-.3700			
.725						-.3170	-.3430
.750							
.760			-.4250				
.775				-.3720	-.4090		
.806			-.2980				
.834	-.2540			-.3910	-.4490	-.4920	
.850							
.857			-.2780				
.885	-.2230			-.2380			-.4580
.900	-.1990						
.908			-.1620				
.950				-.0750	-.2480	-.4200	
.953			-.0280				
.985	-.0810						

MACH (2) = .901 ALPHAT(10) = 10.000

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.4190	-.3590	-.0850	.1630	.0710	-.0560	-.5580
.050				.3950	.4640	.4770	.4730
.081			.3930				
.088		.1010					
.094	.1090			.2940	.3410	.3650	.3190
.150			.2620				
.177							
.229	.1430						
.246		.2760		.1830	.2570	.2790	.2300
.250							
.362	.2440			.1140	.1380		.0750
.400			.0690				
.402							
.497	.1660			-.1040	-.1580		
.550			-.1200				-.1480
.565						-.1810	
.600					-.3590		
.650							
.700	-.0910			-.3770			
.725						-.2830	-.3110
.750							
.760			-.4310				
.775				-.3970	-.4040		

DATE .. SEP 73 TABULATED PRESSURE DATA - IA9A (RBMLD1)

AMES 11-707 IA9 02A + S3 + T9 LOWER WING

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (2) = .901 ALPHAT(10) = 10.000

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.808			-.3100				
.834	-.2640						
.850				-.4610	-.4800	-.4760	
.857			-.3300				
.865	-.2410						
.900	-.1850			-.3470			-.4410
.905			-.2150				
.950				-.1370	-.5280	-.5180	
.953			-.0800				
.965	-.0890						

MACH (3) = 1.104 ALPHAT(1) = -8.010

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.2600	-.2500	.3800	.5340	.4470	.3810	.3340
.050				-.1230	-.3770	-.6940	-.6160
.081			.1560				
.086		.0520					
.094	-.1880						
.150				-.0160	-.1030	-.2230	-.5230
.177			.0720				
.229	-.0090						
.246		.1950					
.250				-.0880	-.1630	-.1980	-.4500
.362	.1980						
.400				-.1530	-.1620		-.1190
.402			-.1490				
.497	.1320						
.550				-.2470	-.3020		
.565			-.2390				
.600							-.2900
.650						-.3600	
.700	-.2600				-.4350		
.725				-.4230			
.750						-.4370	-.4500
.760			-.4680				
.775				-.4710	-.5140		
.808			-.4720				
.834	-.4440						
.850				-.5470	-.5490	-.5570	
.857			-.6150				
.865	-.4020						
.900	-.3480			-.2520			-.5520
.905			-.2920				
.950				-.2380	-.2830	-.4000	
.953			-.2360				

DATE 20 SEP 73 TABULATED PRESSURE DATA - 1A9A (RBNL01)

AMES 11-707 1A9 CBA + SS + T9 LOWER WING

DEPENDENT VARIABLE CP

SECTION (1)LOWER WING

MACH (3) = 1.104 ALPHAT(1) = -8.010

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.985	-.2170						

MACH (3) = 1.101 ALPHAT(2) = -5.990

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.2880	-.1720	.4070	.5770	.4850	.4650	.4120
.050				-.0600	-.2320	-.5460	-.4650
.081			.2030				
.086		.0780					
.094	-.1890			.0410	-.0610	-.1490	-.3440
.150			.1130				
.177							
.229	.0210						
.246		.2190		-.0570	-.1300	-.1180	-.1530
.250							
.362	.2120			-.1290	-.1150		-.1030
.400			-.1320				
.402							
.497	.1480			-.1970	-.2600		
.550							
.565			-.2070				-.2800
.600						-.3030	
.650					-.3980		
.700	-.2210			-.3760			
.725						-.3980	-.4300
.750							
.760			-.4470	-.4300	-.4710		
.775							
.808			-.4510				
.834	-.4430			-.5540	-.4990	-.5430	
.850							
.857			-.5990				
.865	-.3810			-.2290			-.5250
.900	-.3210						
.905			-.2540	-.2010	-.2960	-.4790	
.950							
.953			-.2050				
.965	-.1990						

MACH (3) = 1.104 ALPHAT(3) = -3.980

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.3190	-.1380	.4110	.5990	.5330	.5120	.4620
.050				.0320	-.0490	-.2790	-.2990
.081			.2500				
.086		.1050					
.094	-.1650						

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A

AMES 11-707 IA9 C2A + S3 + T9 LOWER WING (RBNL01)

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (3) = 1.104 ALPHAT(3) = -3.980

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.150				.1150	-.0010	-.0710	-.0700
.177			.1480				
.229	.0440						
.246		.2400					
.250				-.0220	-.0740	-.0400	-.0230
.362	.2310						
.400				-.0820	-.0650		-.0750
.402			-.1060				
.497	.1690						
.550				-.1510	-.1940		
.565			-.1710				
.600							-.2440
.650						-.2790	
.700	-.1760				-.3610		
.725				-.3180			
.750						-.3770	-.4080
.760			-.4230				
.775				-.4020	-.4080		
.808			-.4320				
.834	-.4240						
.850				-.5190	-.4590	-.5090	
.857			-.5010				
.865	-.5040						
.900	-.3120			-.2220			-.5200
.905			-.2370				
.950				-.1840	-.4370	-.5440	
.953			-.2100				
.965	-.1810						

MACH (3) = 1.102 ALPHAT(4) = -2.000

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.3520	-.1470	.3930	.6400	.5350	.5360	.4760
.050				.1100	.0680	-.0410	-.0730
.081			.2970				
.086		.1130					
.094	-.1890						
.150				.1500	.0590	.0490	.0290
.177			.1810				
.229	.0400						
.246		.2610					
.250				.0110	-.0010	.0430	.0390
.362	.2450						
.400				-.0390	-.0040		-.0220
.402			-.0780				
.497	.1850						

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A (RBMLO1)

AMES 11-707 IA9 CBA + S3 + T9 LOWER WING

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (3) = 1.102 ALPHAT(4) = -2.000

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.550				-.1020	-.1560		
.565			-.1110				
.600							-.2260
.650						-.2430	
.700	-.1120				-.2650		
.725				-.2660			
.750						-.3000	-.3960
.760			-.4090				
.775				-.3700	-.3540		
.808			-.4150				
.834	-.4180						
.850				-.5130	-.4420	-.4610	
.857			-.5730				
.865	-.5540						
.900	-.2790			-.2180			-.4750
.905			-.2230				
.950				-.1740	-.5550	-.5520	
.953			-.1910				
.965	-.1470						

MACH (3) = 1.102 ALPHAT(5) = .080

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.4160	-.1950	.3510	.5780	.5010	.5220	.4410
.050				.1860	.1450	.1080	.1490
.081			.3400				
.086		.1100					
.094	-.1940						
.150				.1810	.1050	.1390	.1380
.177			.2160				
.229	.0550						
.246		.2760					
.250				.0450	.0700	.1580	.1410
.362	.2530						
.400				.0900	.0820		.0480
.402			-.0350				
.497	.1920						
.550				.0350	-.0700		
.565			.0060				
.600							-.1770
.650						-.1680	
.700	-.0400				-.2490		
.725				-.2550			
.750						-.2870	-.3380
.760			-.4020				
.775				-.3660	-.3430		

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A

AMES 11-707 IA9 O2A + S3 + T9 LOWER WING (RBMLO1)

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (3) = 1.102 ALPHAT(5) = .030

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.808			-.4080				
.834	-.4020						
.850				-.5000	-.4320	-.4460	
.857			-.5550				
.865	-.4960						
.900	-.2650			-.2430			-.4740
.905			-.2130				
.950				-.1670	-.5610	-.5380	
.953			-.1830				
.965	-.1200						

MACH (3) = 1.101 ALPHAT(6) = 2.010

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.4930	-.3170	.2870	.5390	.4490	.4750	.3240
.050				.2500	.2370	.2610	.2910
.081			.3690				
.086		.0910					
.094	-.1600						
.150				.2220	.1890	.2450	.2170
.177			.2430				
.229	.0970						
.246		.2870					
.250				.1000	.1980	.2170	.1900
.362	.2460						
.400				.1750	.1530		.0780
.402			.0590				
.497	.1970						
.550				.0340	-.0610		
.565			.0140				
.600							-.1510
.650						-.1380	
.700	.0240				-.2260		
.725				-.2310			
.750						-.2570	-.3030
.760			-.3880				
.775				-.3460	-.3150		
.808			-.3900				
.834	-.3950						
.850				-.4810	-.4040	-.4160	
.857			-.5410				
.865	-.3570						
.900	-.2830			-.2590			-.4410
.905			-.1760				
.950				-.1450	-.5340	-.5080	
.953			-.1540				

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A (RBMLO1)

AMES 11-707 IA9 O2A + S3 + T9 LOWER WING

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (3) = 1.101 ALPHAT(6) = 2.010

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.965	-.0920						

MACH (3) = 1.102 ALPHAT(7) = 4.020

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.5420	-.4490	.2160	.4980	.4380	.4400	.2210
.050				.3510	.3520	.3640	.3890
.081			.4310				
.086		.0790					
.094	-.1190						
.150				.2990	.2820	.3150	.2840
.177			.2990				
.229	.1120						
.246		.3200					
.250				.1810	.2600	.2830	.2400
.362	.2670						
.400				.2130	.1960		.1200
.402			.1290				
.497	.2250						
.550				.0590	-.0200		
.565			.0310				
.600							-.1140
.650						-.0990	
.700	.0480				-.1940		
.725				-.2160			
.750						-.2240	-.2540
.760			-.3840				
.775				-.3340	-.2890		
.808			-.3830				
.834	-.3900						
.850				-.4660	-.3780	-.3890	
.857			-.5310				
.865	-.3730						
.900	-.2680			-.4930			-.4000
.905			-.1830				
.950				-.1730	-.5170	-.4850	
.953			-.1500				
.965	-.1070						

MACH (3) = 1.105 ALPHAT(8) = 5.980

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.5800	-.4900	.0980	.4210	.3820	.3670	.0960
.050				.4090	.4290	.4340	.4710
.081			.4490				
.086		.0720					
.094	-.0860						

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A

AMES 11-707 IA9 O2A + S3 + T9 LOWER WING (RBMLD1)

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (3) = 1.105 ALPHAT(8) = 5.980

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.150				.3270	.3500	.3690	.3480
.177			.3180				
.229	.0750						
.246		.3190					
.250				.2210	.3080	.3270	.2890
.362	.2610						
.400				.2270	.2380		.1620
.402			.1620				
.497	.2310						
.550				.0680	-.0190		
.565			.0430				
.600							-.0580
.650						-.0720	
.700	.0540				-.1850		
.725				-.2120			
.750						-.1980	-.2370
.760			-.3850				
.775				-.3280	-.2780		
.808			-.3780				
.834	-.3950						
.850				-.4530	-.3650	-.3640	
.857			-.5320				
.865	-.3080						
.900	-.2400			-.5100			-.3760
.905			-.2730				
.950				-.1540	-.5040	-.4600	
.953			-.1580				
.965	-.1080						

MACH (3) = 1.102 ALPHAT(9) = 7.780

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.5570	-.5030	-.0190	.3860	.3440	.3110	-.0140
.050				.4670	.5050	.5230	.5390
.081			.4800				
.086		.0350					
.094	-.0220						
.150				.3730	.4090	.4390	.4130
.177			.3410				
.229	.0860						
.246		.3300					
.250				.2690	.3540	.3770	.3360
2	.2640						
.400				.2530	.2750		.2040
.402			.1840				
.497	.2410						

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A

AMES 11-707 IA9 O2A + S3 + T9 LOWER WING (RBMLS1)

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (3) = 1.102 ALPHAT(5) = 7.980

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.550				.0840	.0130		
.565			.0520				-.0200
.600						-.0360	
.650					-.1700		
.700	.0460			-.2040			
.725						-.1680	-.1940
.750							
.760			-.3860				
.775				-.3180	-.2560		
.800			-.3740				
.834	-.3890						
.850				-.4540	-.3510	-.3370	
.857			-.4910				
.865	-.2310						-.3430
.900	-.2040			-.5150			
.905			-.3340				
.950				-.2390	-.4910	-.4360	
.953			-.1500				
.965	-.1410						

MACH (3) = 1.102 ALPHAT(10) = 9.950

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.5430	-.5050	-.1030	.3510	.3260	.2550	-.1210
.050				.4680	.5600	.5820	.5950
.081			.4550				
.086		.0360					
.094	.0230						
.150				.3850	.4550	.4870	.4540
.177			.3360				
.229	.1050						
.246		.3150					
.250				.2880	.3840	.4180	.3820
.362	.2650						
.400				.2480	.2940		.2490
.402			.1960				
.497	.2420						
.550				.0760	.0220		
.565			.0580				
.600						-.1280	.1190
.650					-.1680		
.700	.0690			-.2020			
.725						-.1414	-.1610
.750							
.760			-.3780				
.775				-.3090	-.2440		

DATE 20 SEP 73 TABULATED PRESSURE DATA - IASA

AMES 11-7FT IA9 OPA + S3 + T9 LOWER WING (RBMLD1)

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (3) = 1.102 ALPHAT(1D) = 9.950

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.808			-.3500				
.834	-.3600						
.850				-.4430	-.3410	-.3120	
.857			-.3370				
.865	-.1980						
.900	-.1750			-.4950			-.3110
.905			-.3050				
.950				-.4750	-.4770	-.4140	
.953			-.2440				
.965	-.1420						

MACH (4) = 1.250 ALPHAT(1) = -8.000

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.1590	-.1370	.1050	.4380	.4490	.4140	.4070
.050				-.2560	-.3190	-.5100	-.4550
.081			-.0160				
.086		-.1710					
.094	-.1560						
.150				.0650	-.1640	-.1740	-.4530
.177			.0710				
.229	-.1700						
.246		-.0300					
.250				.0020	-.0510	-.1460	-.3190
.362	-.0820						
.400				-.0560	-.0330		-.1230
402			-.0580				
.497	.1580						
.550				-.1550	-.2010		
.565			-.1530				
.600							-.1930
.650						-.2520	
.700	-.1530				-.3260		
.725				-.3210			
.750						-.3310	-.3320
.760			-.3490				
.775				-.3710	-.3840		
.808			-.3370				
.834	-.2690						
.850				-.4410	-.4370	-.4410	
.857			-.4390				
.865	-.4460						
.900	-.4110			-.4570			-.4330
.905			-.5290				
.950				-.5250	-.5190	-.5120	
.953			-.3820				

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A

AMES 11-707 IA9 OEA + S3 + T9 LOWER WING (RBMLD1)

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (4) = 1.250 ALPHAT(1) = -8.000

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.985	-.3710						

MACH (4) = 1.252 ALPHAT(2) = -5.980

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.003	-.1900	-.1120	.1590	.5570	.5070	.5030	.4700
.050				-.1340	-.1960	-.4340	-.3240
.081			.2120				
.086		-.1470					
.094	-.1500						
.150				.0780	.0150	-.0540	-.2860
.177			.1530				
.229	-.1630						
.246		.0950					
.250				.0290	-.0270	-.0480	-.0850
.362	-.0250						
.400				-.0150	.0050		.0140
.402			-.0180				
.497	.1950						
.550				-.1190	-.1560		
.565			-.1140				
.600							-.1780
.650						-.2210	
.700	-.1310				-.2900		
.725				-.2840			
.750						-.3090	-.3210
.760			-.3040				
.775				-.3380	-.3540		
.808			-.3050				
.834	-.2630						
.850				-.4030	-.4120	-.4150	
.857			-.4270				
.865	-.4300						
.900	-.4010			-.4330			-.4260
.905			-.5150				
.950				-.5090	-.4910	-.4850	
.953			-.3620				
.965	-.3400						

MACH (4) = 1.248 ALPHAT(3) = -4.030

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.2220	-.1170	.2270	.5980	.5440	.5530	.5145
.050				.0610	-.0720	-.2230	-.1880
.081			.2300				
.086		-.1250					
.094	-.1430						

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A

AMES 11-707 IA9 O2A + S3 + T9 LOWER WING (RBM_01)

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (4) = 1.248 ALPHAT(3) = -4.030

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.150				.1330	.0990	.0140	-.0020
.177			.1970				
.229	-.1680						
.246		.1630					
.250				.0710	.0130	.0320	.0310
.362	.0380						
.400				.0160	.0400		.0320
.402			-.0060				
.497	.2100						
.550				-.0880	-.1230		
.565			-.0940				
.600							-.1580
.650						-.1830	
.700	-.1260				-.2440		
.725				-.2440			
.750						-.2800	-.2990
.760			-.2900				
.775				-.3050	-.3240		
.808			-.2970				
.834	-.2630						
.850				-.3780	-.3800	-.3860	
.857			-.4170				
.865	-.4340						
.900	-.4390			-.4110			-.4120
.905			-.5040				
.950				-.4850	-.4650	-.4670	
.953			-.3360				
.965	-.3280						

MACH (4) = 1.250 ALPHAT(4) = -1.980

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.2550	-.1480	.2620	.6220	.5600	.5740	.5130
.050				.1570	.1060	.0460	.0110
.081			.2880				
.086		-.1200					
.094	-.1260						
.150				.1950	.1530	.0860	.0970
.177			.2400				
.229	-.1360						
.246		.2240					
.250				.1180	.0760	.1080	.1020
.362	.0830						
.400				.0520	.0790		.0810
.402			.0270				
.497	.2410						

DATE 23 SEP 73 TABULATED PRESSURE DATA - IA9A (RBMLD1)

AMES 11-7D7 IA9 CBA + S3 + T9 LOWER WING

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (4) = 1.250 ALPHAT(4) = -1.980

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.550				-.0360	-.0780		
.565			-.0510				-.1220
.600						-.1510	
.650					-.2140		
.700	-.0960			-.2130			
.725						-.2320	-.2790
.750							
.760			-.2520				
.775				-.2690	-.2870		
.808			-.2720				
.834	-.2430						
.850				-.3370	-.3500	-.3620	
.857			-.3970				
.865	-.4170						
.900	-.4930			-.3800			-.3790
.905			-.4790				
.950				-.4620	-.4080	-.4400	
.955			-.3830				
.965	-.3050						

MACH (4) = 1.249 ALPHAT(5) = .040

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.3280	-.2170	.2970	.6250	.5470	.5610	.4710
.050				.2450	.2190	.1770	.1630
.061			.3630				
.086		-.0990					
.094	-.0840						
.150				.2560	.1930	.1580	.1680
.177			.2820				
.229	-.0970						
.246		.2670					
.250				.1430	.1280	.1690	.1650
.362	.1070						
.400				.0870	.1280		.1290
.402			.0470				
.497	.2620						
.550				.0190	-.0250		
.565			-.0090				
.600							-.0880
.650						-.0960	
.700	-.0560				-.1710		
.725				-.1510			
.750						-.1930	-.2360
.760			-.2370				
.775				-.2040	-.2560		

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A

AMES 11-707 IA9 C2A + S3 + T9 LOWER WING (RBMLD1)

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (4) = 1.249 ALPHAT(5) = .040

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.808			-.2520				
.834	-.2460						
.850				-.3000	-.2960	-.3300	
.857			-.3730				
.865	-.4140						
.900	-.4790			-.3690			-.3360
.905			-.4620				
.950				-.4510	-.3820	-.4060	
.953			-.5080				
.965	-.2900						

MACH (4) = 1.247 ALPHAT(6) = 2.030

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.3890	-.3130	.3030	.5930	.5190	.5300	.4020
.050				.3120	.2980	.2600	.3030
.081			.4060				
.086		-.0910					
.094	-.0690						
.150				.2920	.2410	.2270	.2410
.177			.3100				
.229	-.0740						
.246		.2930					
.250				.1690	.1860	.2280	.2210
.362	.1700						
.400				.1130	.1050		.1490
.402			.0680				
.497	.2670						
.550				.0620	.0180		
.565			.0320				
.600							-.0520
.650						-.0490	
.700	-.0220				-.1390		
.725				-.0840			
.750						-.1570	-.1940
.760			-.2080				
.775				-.1750	-.1850		
.808			-.2330				
.834	-.2360						
.850				-.3070	-.2410	-.2810	
.857			-.3560				
.865	-.4050						
.900	-.4810			-.3720			-.3040
.905			-.4620				
.950				-.4490	-.3820	-.3450	
.953			-.5210				

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A (RBML01)

AMES 11-707 IA9 CBA + S3 + T9 LOWER WING

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (4) = 1.247 ALPHAT(6) = 2.030

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.963	-.2820						

MACH (4) = 1.248 ALPHAT(7) = 4.040

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.4180	-.3560	.2180	.5310	.4870	.4930	.3210
.050				.3780	.3650	.3410	.4020
.081			.4360				
.088		-.0710					
.094	-.0510						
.150				.3210	.2840	.2940	.3060
.177			.3280				
.229	-.0880						
.248		.3040					
.250				.1900	.2250	.2950	.2760
.362	.2220						
.400				.1400	.2320		.2040
.402			.0780				
.497	.2590						
.550				.1130	.0700		
.565			.0770				
.600							.0070
.650						.0120	
.700	.0530				-.0530		
.725				-.0710			
.750						-.0950	-.1440
.760			-.1980				
.775				-.1880	-.1600		
.808			-.2350				
.834	-.2280						
.850				-.3140	-.2540	-.2520	
.857			-.3630				
.865	-.3940						
.900	-.4640			-.3740			-.2690
.905			-.4610				
.950				-.4440	-.3800	-.3480	
.953			-.5190				
.965	-.2420						

MACH (4) = 1.247 ALPHAT(8) = 6.010

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.4100	-.3760	.0690	.4940	.4520	.4530	.2190
.050				.4440	.4470	.4350	.5150
.081			.4840				
.088		-.0400					
.094	-.0280						

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A (RBML01)

AMES 11-707 IA9 C2A + S3 + T9 LOWER WING

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (4) = 1.247 ALPHAT(8) = 6.010

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.150				.3660	.3440	.4050	.4020
.177			.3620				
.229	-.0350						
.246		.3130					
.250				.2280	.3050	.4010	.3560
.362	.2310						
.400				.2800	.3300		.2610
.402			.1160				
.497	.2740						
.550				.1590	.0940		
.565			.1380				.0260
.600						.0180	
.650					-.0790		
.700	.1320			-.0940			
.725						-.0940	-.1250
.750							
.760			-.2150				
.775				-.1860	-.1600		
.808			-.2570				
.834	-.2340						
.850				-.3060	-.2400	-.2420	
.857			-.3620				
.865	-.4020						
.900	-.4170			-.3660			-.2490
.905			-.4560				
.950				-.4350	-.3660	-.3330	
.953			-.5110				
.965	-.2180						

MACH (4) = 1.247 ALPHAT(9) = 8.010

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.3970	-.3860	-.0780	.4380	.4110	.4060	.1150
.050				.4980	.5200	.5410	.5880
.081			.5120				
.086		.0100					
.094	-.0060						
.150				.4010	.4200	.4770	.4580
.177			.3830				
.229	.0150						
.246		.3230					
.250				.2710	.3980	.4410	.4050
.362	.2400						
.400				.3150	.3430		.3050
.402			.2150				
.497	.2800						

DATE 20 SEP 79 TABULATED PRESSURE DATA - IASA (RBHL01)

AMES 11-707 IA9 CEA + S9 + T9 LOWER WING

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (4) = 1.247 ALPHAT(9) = 8.010

Y/BW	.299	.384	.427	.534	.673	.780	.887
X/CW							
.550				.1580	.1160		
.565			.1280				.0650
.600						.0510	
.650					-.0820		
.700	.1310			-.0810			
.725						-.0810	-.0850
.750			-.2150				
.760				-.1770	-.1380		
.775			-.2360				
.808							
.834	-.2310			-.3010	-.2290	-.2180	
.850			-.3580				
.857							
.865	-.3980			-.3640			-.2200
.900	-.2980		-.4510				
.905				-.4280	-.3530	-.3100	
.950			-.4890				
.955							
.965	-.2000						

MACH (4) = 1.248 ALPHAT(10) = 9.980

Y/BW	.299	.384	.427	.534	.673	.780	.887
X/CW							
.000	-.3880	-.3710	-.2020	.3900	.3650	.3610	.0290
.050				.5050	.5760	.6107	.6480
.081			.4940				
.086		.0590					
.094	.0270			.4110	.4730	.5290	.5130
.150							
.177			.3740				
.229	.1170						
.246		.3200					
.250				.3050	.4230	.4820	.4490
.362	.2610						
.400				.3110	.3600		.3480
.402			.2350				
.497	.2740						
.550				.1670	.1360		
.565			.1300				
.600							.1060
.650						.0800	
.700	.1350				-.0580		
.725				-.0840			
.750						-.0380	-.0540
.760			-.2210				
.775				-.1840	-.1300		

DATE 20 SEP 79 TABULATED PRESSURE DATA - IA9A (RBML01)

AMES 11-707 IA9 CRA + S3 + T9 LOWER WING

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (4) = 1.246 ALPHAT(10) = 9.960

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.8			-.2370				
.834	-.2380						
.850				-.3090	-.2200	-.1970	
.857			-.3570				
.865	-.4050						
.900	-.1870			-.3660			-.1930
.905			-.4460				
.950				-.4240	-.3480	-.[illegible]	
.953			-.3780				
.965	-.1950						

AMES 11-707 IA9 02A + S3 + T9 LOWER WING (RBML02) (27 APR 73)

REFERENCE DATA

SREF - 2.4210 SQ.FT. XMRP = 28.5300 INCHES
LREF - 39.8490 INCHES YMRP = .0000 INCHES
BREF - 39.8490 INCHES ZMRP = .0000 INCHES
SCALE - .0300 SCALE

PARAMETRIC DATA

BETAT = .000 ORBINC = .500
RUDDER = .000 ELEVON = .000
RUDFLR = .000

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (1) = .598 ALPHAT(1) = -8.020

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.0670	-.1600	.1180	.0970	-.0410	-.2210	-.2020
.050				-.5390	-.6910	-.8050	-.7350
.081			-.2410				
.086		-.0650					
.094	-.0530						
.150				-.3020	-.3920	-.4060	-.5620
.177			-.2490				
.229	-.0180						
.246		-.0900					
.250				-.3150	-.3140	-.3040	-.4330
.362	-.0200						
.400				-.2470	-.2700		-.2820
.402			-.2920				
.497	-.1730						
.550				-.3280	-.3480		
.565			-.3310				
.600							-.2730
.650						-.2910	
.700	-.3070				-.3320		
.725				-.3090			
.750						-.2510	-.2580
.760			-.3220				
.775				-.2420	-.2660		
.808			-.2010				
.834	-.2280						
.850				-.1800	-.1730	-.1590	
.857			-.1570				
.865	-.1840						
.900	-.1440			-.0770			-.1070
.905			-.0820				
.950				.0370	.0220	.0210	
.953			.0120				
.965	-.0740						

MACH (1) = .598 ALPHAT(2) = -6.020

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.0420	-.0780	.2010	.2690	.1830	.0820	.0600
.050				-.4110	-.4930	-.5790	-.6190
.081			-.1640				
.086		-.0340					
.094	-.0370						

DATE 22 SEP 73 TABULATED PRESSURE DATA - IA9A

AMES 11-707 IA9 O2A + S3 + T9 LOWER WING (RBMLO2)

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (1) = .900 ALPHAT(2) = -6.020

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.150				-.2260	-.2920	-.3090	-.3250
.177			-.1940				
.229	-.0050						
.246		-.0600					
.250				-.2650	-.2460	-.2410	-.2430
.362	.0030						
.400				-.2210	-.2340		-.2220
.402			-.2550				
.497	-.1440						
.550				-.3110	-.3300		
.565			-.3200				
.600							-.2610
.650						-.2770	
.700	-.2950				-.3240		
.725				-.2990			
.750						-.2450	-.2540
.760			-.3170				
.775				-.2470	-.2540		
.808			-.2110				
.834	-.2400						
.850				-.1930	-.1680	-.1620	
.857			-.1710				
.865	-.1920						
.900	-.1400			-.0970			-.0930
.905			-.0860				
.950				.0320	.0330	.0220	
.953			.0140				
.965	-.0480						

MACH (1) = .999 ALPHAT(3) = -5.990

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.0430	-.0190	.2580	.3900	.3380	.2940	.2840
.050				-.2770	-.3380	-.3960	-.5310
.081			-.0820				
.086		-.0090					
.094	-.0210						
.150				-.1620	-.1980	-.2110	-.2020
.177			-.1370				
.229	.0060						
.246		-.0170					
.250				-.2170	-.1860	-.1770	-.1630
.362	.0210						
.400				-.1860	-.1890		-.1920
.402			-.2170				
.497	-.1150						

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A

AMES 11-707 IA9 O2A + S3 + T9 LOWER WING (RBMLO2)

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (1) = .599 ALPHAT(3) = -3.990

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.559				-.2920	-.3030		
.565			-.3060				-.2450
.600						-.2660	
.650					-.3060		
.700	-.2890			-.3000			
.725						-.2420	-.2450
.750							
.760			-.3220				
.775				-.2470	-.2540		
.808			-.2120				
.834	-.2350						
.850				-.1940	-.1690	-.1640	
.857			-.1700				
.865	-.1910						
.900	-.1260			-.0930			-.0880
.905			-.0980				
.950				.0270	.0330	.0260	
.953			.0070				
.965	-.0480						

MACH (1) = .598 ALPHAT(4) = -1.910

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.0640	.0100	.2800	.4570	.4180	.4200	.3830
.050				-.1910	-.1720	-.1820	-.2630
.081			-.0050				
.086		.0110					
.094	-.0090						
.150				-.0990	-.1150	-.1220	-.1080
.177			-.0790				
.229	.0230						
.246		.0250					
.250				-.1580	-.1210	-.1120	-.1060
.362	.0460						
.400				-.1490	-.1460		-.1470
.402			-.1850				
.497	-.0790						
.550				-.2630	-.2740		
.565			-.2850				
.600							-.2280
.650						-.2460	
.700	-.2710				-.2920		
.725				-.2870			
.750						-.2260	-.2410
.760			-.3180				
.775				-.2390	-.2480		

DATE 2[illegible] SEP 73 TABULATED PRESSURE DATA - IA9A

AMES 11-707 IA9 C2A + S3 + T9 LOWER WING (RBML02)

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (1) = .598 ALPHAT(4) = -1.915

Y/BW	.299	.364	.427	.534	.672	.785	.887
X/CW							
.808			-.2080				
.834	-.2210						
.850				-.1910	-.1720	-.1630	
.857			-.1690				
.885	-.1780						
.900	-.1260			-.1010			-.0940
.905			-.0970				
.950				.0240	.0290	.0190	
.953			.0090				
.965	-.0400						

MACH (1) = .599 ALPHAT(5) = .020

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.1070	-.0140	.2550	.4590	.4090	.4220	.3070
.050				-.0740	-.0450	-.0780	-.0620
.081			.0690				
.086		.0210					
.094	.0010						
.150				-.0380	-.0400	-.0350	-.0470
.177			-.0240				
.229	.0290						
.246		.0530					
.250				-.1150	-.0670	-.0580	-.0500
.362	.0660						
.400				-.1190	-.1100		-.1130
.402			-.1510				
.497	-.0470						
.550				-.2380	-.2460		
.565			-.2430				
.600							-.2150
.650						-.2280	
.700	-.2570				-.2820		
.725				-.2710			
.750						-.2190	-.2380
.760			-.3090				
.775				-.2350	-.2420		
.808			-.2020				
.834	-.2180						
.850				-.1910	-.1710	-.1680	
.857			-.1710				
.865	-.1730						
.900	-.1220			-.1020			-.1080
.905			-.1010				
.950				.0250	.0230	.0160	
.953			.0010				

DATE 25 SEP 73 TABULATED PRESSURE DATA - IA9A

AMES 11-7D7 IA9 C2A + S3 + T9 LOWER WING (RBM.02)

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (1) = .599 ALPHAT(5) = .020

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.965	-.0450						

MACH (1) = .599 ALPHAT(6) = 2.020

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.1880	-.0820	.1860	.4000	.3190	.3150	.0690
.050				.0260	.0480	.0600	.0910
.081			.1320				
.086		.0290					
.094	.0100						
.150				.0290	.0370	.0390	.0300
.177			.0240				
.229	.0360						
.246		.0900					
.250				-.0600	-.0150	.0010	-.0030
.362	.0880						
.400				-.0780	-.0630		-.0780
.402			-.1200				
.497	-.0210						
.550				-.2140	-.2210		
.565			-.2290				
.600							-.1860
.650						-.2070	
.700	-.2350				-.2760		
.725				-.2670			
.750						-.2130	-.2370
.760			-.3120				
.775				-.2350	-.2370		
.808			-.1980				
.834	-.2100						
.850				-.1930	-.1790	-.1730	
.857			-.1790				
.865	-.1760						
.910	-.1240			-.1100			-.1210
.945			-.1140				
.950				.0120	.0110	.0050	
.953			-.0110				
.965	-.0480						

MACH (1) = .597 ALPHAT(7) = 4.020

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.2780	-.1920	.0860	.2810	.1680	.1160	-.3360
.050				.1360	.1730	.1850	.2260
.081			.2010				
.086		.1430					
.094	.0290						

DATE 9 SEP 73 TABULATED PRESSURE DATA - IA9A

AMES 11-707 IA9 02A + S3 + T9 LOWER WING (EBWL02)

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (1) = .597 ALPHAT(7) = 4.020

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.150				.09..	.1570	.1260	.1080
.177			.0840				
.229	.0590						
.246		.1320					
.250				-.0020	.0510	.0690	.0590
.362	.1160						
.400				-.0320	-.0180		-.0380
.402			-.0740				
.497	.0190						
.550				-.1680	-.1770		
.565			-.2030				
.600							-.1620
.650						-.1730	
.700	-.2040				-.2450		
.725				-.2370			
.750						-.1870	-.2130
.760			-.2870				
.775				-.2110	-.2160		
.808			-.1930				
.834	-.2140						
.850				-.1810	-.1590	-.1630	
.857			-.1670				
.865	-.1700						
.900	-.1190			-.1080			-.1170
.905			-.1130				
.950				.0130	.0100	.0020	
.953			-.0090				
.965	-.0530						

MACH (1) = .999 ALPHAT(8) = 6.010

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.4030	-.3500	-.0450	.1150	-.0650	-.2240	-.8310
.050				.2250	.2750	.2900	.3170
.081			.2530				
.086		.0430					
.094	.0400						
.150				.1530	.1700	.1990	.1710
.177			.1310				
.229	.0710						
.246		.1610					
.250				.0450	.1120	.1290	.0980
.362	.1410						
.400				.0060	.0210		.0060
.402			-.0450				
.497	.0460						

DATE 20 SEP 73 TABULATED PRESSURE DATA - 1A9A (RBML02)

AMES 11-7D7 1A9 OBA + S3 + T9 LOWER WING

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (1) = .599 ALPHAT(8) = 6.010

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.550				-.1400	-.1440		
.565			-.1820				-.1330
.600						-.1460	
.650					-.2230		
.700	-.1890			-.2180			
.725						-.1760	-.1960
.750							
.760			-.2760				
.775				-.2040	-.1970		
.808			-.1790				
.834	-.2020						
.850				-.1810	-.1580	-.1640	
.857			-.1800				
.865	-.1590						
.900	-.1080			-.1120			-.1270
.905			-.1040				
.950				.0100	.0020	-.0140	
.953			.0000				
.965	-.0410						

MACH (1) = .997 ALPHAT(9) = 8.000

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.4920	-.4840	-.1710	-.0470	-.3380	-.5650	-1.2540
.050				.2990	.3660	.3870	.3910
.081			.2980				
.086		.0500					
.094	.0490						
.150				.2050	.2410	.2670	.2340
.177			.1650				
.229	.0830						
.246		.1870					
.250				.0950	.1640	.1880	.1540
.362	.1530						
.400				.0360	.0750		.0520
.402			-.0190				
.497	.0650						
.550				-.1180	-.1040		
.565			-.1620				
.600							-.0960
.650						-.1140	
.700	-.1580				-.2000		
.725				-.2060			
.750						-.1460	-.1820
.760			-.2610				
.775				-.1890	-.1830		

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A

AMES 11-707 IA9 O2A + S3 + T9 LOWER WING (RBMLO2)

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (1) = .597 ALPHAT(9) = 8.000

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.808			-.1660				
.834	-.1840						
.850				-.1690	-.1500	-.1550	
.857			-.1530				
.865	-.1460						
.900	-.0980			-.1040			-.1360
.905			-.0970				
.950				.0150	-.0030	-.0230	
.953			.0030				
.965	-.0320						

MACH (2) = .903 ALPHAT(1) = -8.000

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.0150	-.0900	.2640	.3360	.2220	.1090	.0890
.050				-.4120	-.6270	-1.2490	-.9790
.061			-.0720				
.086		.0130					
.094	-.0020						
.150				-.2070	-.5720	-.5000	-.7420
.177			-.1430				
.229	.0550						
.246		.0460					
.250				-.3440	-.4350	-.4450	-.7090
.362	.1040						
.400				-.3350	-.3580		-.4720
.402			-.3640				
.497	-.0680						
.550				-.4020	-.5320		
.565			-.3520				
.600							-.3820
.650						-.5350	
.700	-.3250				-.6290		
.725				-.5940			
.750						-.2750	-.2440
.760			-.4460				
.775				-.2450	-.2570		
.808			-.2770				
.834	-.2790						
.850				-.0900	-.0650	-.0730	
.857			-.1660				
.865	-.2990						
.900	-.2000			-.0130			-.0120
.905			-.0770				
.950				.0330	.0680	.0860	
.953			.0110				

DATE 24 SEP 79 TABULATED PRESSURE DATA - IA9A (RBML02)

AMES 11-707 IA9 C2A + S3 + T9 LOWER WING

DEPENDENT VARIABLE CP

SECTION (1)LOWER WING

MACH (2) = .903 ALPHAT(1) = -8.000

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.965	-.1030						

MACH (2) = .901 ALPHAT(2) = -6.020

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.0060	-.0130	.3140	.4240	.3250	.2410	.2050
.050				-.3000	-.5130	-1.0690	-.7210
.061			-.0230				
.086		.0430					
.094	.0100						
.150				-.1650	-.3330	-.3740	-.5380
.177			-.1040				
.229	.0820						
.246		.0640					
.250				-.2940	-.3400	-.2520	-.4810
.352	.1130						
.400				-.2060	-.2320		-.2710
.402			-.3140				
.497	-.0500						
.550				-.3210	-.4600		
.565			-.3010				
.600							-.4520
.650						-.5070	
.700	-.2610				-.6160		
.725				-.6090			
.750						-.5900	-.3810
.760			-.4610				
.775				-.3390	-.4930		
.808			-.3130				
.834	-.2700						
.850				-.1230	-.0920	-.0510	
.857			-.1640				
.865	-.2940						
.900	-.1930			-.0160			.0170
.905			-.0570				
.950				.0550	.0920	.0960	
.953			.0900				
.965	-.0710						

MACH (2) = .900 ALPHAT(3) = -4.030

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.0090	.0330	.3460	.4930	.4090	.3630	.3280
.050				-.2070	-.3250	-.3650	-.5420
.061			.0480				
.086		.0560					
.094	.0180						

DATE 2[illegible] SEP 75 TABULATED PRESSURE DATA - IA9A

AMES 11-707 IA9 CBA + S3 + T9 LOWER WING (RBML02)

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (2) = .800 ALPHAT(3) = -[illegible].030

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.150				-.1040	-.2250	-.2110	-.3230
.177			-.0500				
.229	.0880						
.246		.0940					
.250				-.2250	-.1740	-.1840	-.2140
.362	.1250						
.400				-.1370	-.2050		-.2680
.402			-.2080				
.497	-.0190						
.550				-.3000	-.4310		
.565			-.2920				
.600							-.4750
.650						-.5000	
.700	-.2340				-.6040		
.725				-.6050			
.750						-.5850	-.5360
.760			-.4720				
.775				-.5390	-.4570		
.808			-.3200				
.834	-.2690						
.850				-.1290	-.0820	-.0500	
.857			-.1610				
.865	-.2040						
.900	-.1780			-.0190			.0130
.905			-.0550				
.950				.0730	.0900	.0790	
.953			.0350				
.965	-.0540						

MACH (2) = .898 ALPHAT(4) = -1.390

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.0340	.0510	.3480	.5280	.4670	.4460	.3850
.050				-.1150	-.1630	-.1490	-.3640
.081			.1100				
.086		.0690					
.094	.0350						
.150				-.0390	-.1040	-.1140	-.1440
.177			.0050				
.229	.0790						
.246		.1230					
.250				-.1470	-.1010	-.1090	-.1370
.362	.1480						
.400				-.0940	-.1480		-.2410
.402			-.1480				
.497	.0180						

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A (RBML02)

AMES 11-7ft IA9 02A + S3 + T9 LOWER WING

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (2) = .696 ALPHAT(4) = -1.990

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.550				-.2640	-.3990		
.565			-.2620				-.4650
.600						-.4750	
.650					-.5800		
.700	-.2100			-.5890			
.725						-.5890	-.4980
.750							
.760			-.4990				
.775				-.3390	-.4810		
.808			-.3130				
.834	-.2890						
.850				-.1340	-.0690	-.0550	
.857			-.1560				
.865	-.2790						
.900	-.1610			-.0260			.0220
.905			-.0500				
.950				.0820	.0680	.0930	
.953			.0530				
.965	-.0290						

MACH (2) = .888 ALPHAT(5) = .010

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.0970	.0320	.3270	.5250	.4660	.4700	.3520
.050				-.0090	-.0190	-.0680	-.0780
.081			.1710				
.086		.0780					
.094	.0430						
.150				.0260	-.0180	-.0140	-.0550
.177			.0540				
.229	.0670						
.246		.1530					
.250				-.0770	-.0340	-.0440	-.0830
.362	.1630						
.400				-.0550	-.0970		-.1980
.442			-.1000				
.497	.0450						
.550				-.2380	-.3680		
.565			-.2320				-.4300
.600						-.4440	
.650					-.5560		
.700	-.1900			-.5730			
.725						-.5690	-.6230
.750							
.760			-.4840				
.775				-.3660	-.6250		

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A

AMES 11-7OT IA9 C2A + S3 + T9 LOWER WING (RBM_02)

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (2) = .899 ALPHAT(5) = .010

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.808			-.2950				
.834	-.2610						
.850				-.1460	-.0930	-.0710	
.857			-.1650				
.865	-.2730						
.900	-.1450			-.0310			.0010
.905			-.0550				
.950				.0840	.1040	.1080	
.953			.0510				
.965	-.0180						

MACH (2) = .899 ALPHAT(6) = 2.04

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.1880	-.0490	.2860	.4990	.4290	.4330	.2390
.050				.0820	.0840	.0820	.0650
.081			.2150				
.096		.0740					
.094	.0470						
.150				.0800	.0680	.0700	.0190
.177			.0970				
.229	.0820						
.246		.1690					
.250				-.0800	.0210	.0230	-.0260
.362	.1660						
.400				-.0130	-.0520		-.1440
.402			-.0630				
.497	.0680						
.550				-.2100	-.3320		
.565			-.2090				
.600							-.3680
.650						-.4050	
.700	-.1710				-.5170		
.725				-.5430			
.750						-.5160	-.5500
.760			-.4520				
.775				-.3140	-.6030		
.808			-.2730				
.834	-.2540						
.850				-.1810	-.1380	-.1270	
.857			-.1750				
.865	-.2550						
.900	-.1340			-.0560			-.0720
.905			-.0670				
.950				.0800	.1020	.0840	
.953			.0520				

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A (RBML02)

AMES 11-707 IA9 C2A + S3 + T9 LOWER WING

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (2) = .898 ALPHAT(6) = 2.040

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.985	-.0210						

MACH (2) = .905 ALPHAT(7) = 4.040

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.2790	-.1380	.2200	.4450	.3410	.3350	.0560
.050				.1720	.1900	.1880	.2130
.081			.2760				
.086		.0910					
.094	.0820						
.150				.1400	.1360	.1440	.0930
.177			.1470				
.229	.1000						
.246		.2030					
.250				.0340	.0790	.0800	.0530
.362	.1910						
.400				.0200	-.0100		-.0840
.402			-.0260				
.497	.1000						
.550				-.1630	-.2900		
.565			-.1830				-.3040
.600						-.3520	
.650					-.4660		
.700	-.1450						
.725				-.4950		-.4180	-.4570
.730							
.760			-.3580				
.775				-.2760	-.4750		
.808			-.2720				
.834	-.2270						
.850				-.2390	-.2450	-.2740	
.857			-.1990				
.865	-.2450						
.900	-.1340			-.0990			-.2040
.905			-.0900				
.950				.0560	.0420	-.0450	
.953			.0430				
.965	-.0170						

MACH (2) = .897 ALPHAT(8) = 6.090

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.3450	-.2460	.1490	.3950	.2610	.2170	-.1070
.050				.2420	.2650	.2760	.3010
.081			.3250				
.086		.1000					
.094	.0830						

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A

AMES 11-707 IA9 CEA + S3 + T9 LOWER WING (RBMLO2)

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (2) = .897 ALPHAT(8) = 6.030

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.150				.1690	.1660	.2030	.1580
.177			.1900				
.229	.1260						
.246		.2350					
.250				.0650	.1300	.1380	.0900
.362	.2170						
.400				.0500	.0320		-.0410
.402			.0110				
.497	.1300						
.550				-.1530	-.2340		
.565			-.1560				
.600							-.2680
.650						-.2980	
.700	-.1210				-.4140		
.725				-.4320			
.750						-.3890	-.3980
.760			-.3570				
.775				-.3350	-.4460		
.808			-.3080				
.834	-.2180						
.850				-.2990	-.3420	-.4680	
.857			-.2180				
.865	-.2610						
.900	-.1270			-.1490			-.3430
.905			-.1060				
.950				.0130	-.0650	-.1920	
.953			.0270				
.965	-.0190						

MACH (2) = .900 ALPHAT(9) = 8.000

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.3610	-.3080	.0720	.3250	.1710	.1040	-.2640
.050				.2990	.3460	.3560	.3830
.081			.3550				
.086		.1050					
.094	.0960						
.150				.2290	.2490	.2660	.2250
.177			.2180				
.229	.1350						
.246		.2530					
.250				.1230	.1790	.1910	.1430
.362	.2290						
.400				.0770	.0760		.0100
.402			.0340				
.497	.1460						

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A

AMES 11-7ft IA9 C2A + S3 + T9 LOWER WING (RBMLO2)

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (2) = .900 ALPHAT(9) = 8.000

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.550				-.1360	-.1890		
.565			-.1450				-.2100
.600						-.2490	
.650					-.3910		
.700	-.1110			-.4000			
.725						-.3390	-.3560
.750			-.3800				
.760				-.3750	-.4370		
.775			-.3350				
.808							
.834	-.2240			-.3680	-.4490	-.4970	
.850			-.2580				
.857							
.865	-.2720			-.2100			-.4170
.900	-.1530		-.1430				
.905				-.0480	-.1950	-.4020	
.950			-.0110				
.953							
.965	-.0990						

MACH (3) = 1.102 ALPHAT(1) = -0.090

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.2550	-.3550	.3480	.4930	.4100	.3250	.3350
.050				-.2290	-.4800	-.7720	-.7310
.081			.1040				
.086		.0370					
.094	-.2090			-.0640	-.2880	-.3130	-.5300
.150							
.177			.0290				
.229	.0090						
.246		.1600					
.250				-.1170	-.1790	-.2610	-.4050
.362	.1750						
.400				-.1700	-.1730		-.2300
.402			-.1590				
.497	.1030						
.550				-.2510	-.3290		
.565			-.2590				
.600							-.2760
.650						-.3710	
.700	-.2960				-.4530		
.725				-.4530			
.750						-.4440	-.4370
.760			-.4930				
.775				-.4930	-.5310		

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A (RBML02)

AMES 11-707 IA9 C2A + S3 + T9 LOWER WING

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (3) = 1.102 ALPHAT(1) = -8.050

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.808			-.4640				
.834	-.4660						
.850				-.5080	-.5880	-.5670	
.857			-.6000				
.865	-.3820						
.900	-.3680			-.2350			-.4890
.905			-.2760				
.950				-.2410	-.2900	-.4260	
.953			-.2060				
.965	-.2180						

MACH (3) = 1.103 ALPHAT(2) = -6.010

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.2790	-.2470	.3640	.5500	.4720	.4260	.4210
.050				-.1400	-.2630	-.6590	-.5930
.081			.1440				
.086		.0500					
.094	-.2150						
.150				-.0130	-.1150	-.1550	-.3650
.177			.0660				
.229	.0430						
.246		.1790					
.250				-.0840	-.1430	-.1520	-.2740
.362	.1900						
.400				-.1340	-.1260		-.0760
.402			-.1430				
.497	.1180						
.550				-.2030	-.2660		
.565			-.2360				
.600							-.2470
.650						-.3050	
.700	-.2610				-.4110		
.725				-.3890			
.750						-.4070	-.4150
.760			-.4530				
.775				-.4370	-.4870		
.808			-.4340				
.834	-.4530						
.850				-.5500	-.5160	-.5420	
.857			-.5970				
.865	-.3730						
.900	-.3480			-.2210			-.4650
.905			-.2430				
.950				-.1980	-.2700	-.4560	
.953			-.1870				

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A

AMES 11-707 IA9 O2A + S3 + T9 LOWER WING (RBMLO2)

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (3) = 1.103 ALPHAT(2) = -6.010

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.965	-.1900						

MACH (3) = 1.102 ALPHAT(3) = -4.000

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.2910	-.1790	.4070	.5920	.5100	.5080	.4800
.050				-.0580	-.1590	-.4810	-.4110
.081			.1940				
.086		.0790					
.094	-.1850						
.150				.0540	-.0390	-.0960	-.2090
.177			.1060				
.229	.0630						
.246		.2020					
.250				-.0480	-.1090	-.0630	-.0810
.362	.2010						
.400				-.1060	-.0860		-.0330
.402			-.1220				
.497	.1380						
.550				-.1720	-.2150		
.565			-.1980				
.600							-.2350
.650						-.2770	
.700	-.2170				-.3780		
.725				-.3340			
.750						-.3820	-.4060
.760			-.4310				
.775				-.4110	-.4490		
.808			-.4240				
.834	-.4420						
.850				-.5260	-.4840	-.5300	
.857			-.5340				
.865	-.4680						
.900	.3290			-.2290			-.4640
.905			-.2280				
.950				-.1950	-.3930	-.5690	
.953			-.2000				
.965	-.1770						

MACH (3) = 1.102 ALPHAT(4) = -1.990

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.3200	-.1440	.4080	.6070	.5470	.5370	.4870
.050				.0320	-.0190	-.1410	-.2280
.081			.2460				
.086		.0970					
.094	-.2060						

DATE 25 SEP 73 TABULATED PRESSURE DATA - IA9A (RBNL02)

AMES 11-7D7 IA9 C2A + S3 + T9 LOWER WING

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (3) = 1.102 ALPHAT(4) = -1.990

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.150				.1260	.0250	-.0210	-.0160
.177			.1380				
.229	.0710						
.246		.2240					
.250				-.0170	-.0370	.0070	.0130
.362	.2160						
.400				-.0600	-.0210		.0180
.402			-.0900				
.497	.1530						
.550				-.1400	-.1860		
.565			-.1590				-.2230
.600						-.2570	
.650					-.3400		
.700	-.1550			-.3030			
.725						-.3600	-.4020
.750							
.760			-.4290				
.775				-.3850	-.3620		
.808			-.4100				
.834	-.4400						
.850				-.5140	-.4530	-.4580	
.857			-.5660				
.865	-.4350						
.900	-.2890			-.2150			-.4560
.905			-.2000				
.950				-.1790	-.3700	-.5530	
.953			-.1730				
.965	-.1540						

MACH (3) = 1.102 ALPHAT(5) = -.030

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.3570	-.1480	.3890	.6060	.5420	.5470	.4540
.050				.1130	.0920	.0245	.0300
.081			.2890				
.086		.0990					
.094	-.2070						
.150				.1530	.0780	.0740	.0810
.177			.1730				
.229	.0800						
.246		.2460					
.250				.0210	.0370	.1170	.0850
.362	.2280						
.400				.0340	.0490		.0560
.402			-.0330				
.497	.1610						

DATE 26 SEP 73 TABULATED PRESSURE DATA - IA9A (RBML02)

AMES 11-707 IA9 02A + S3 + T9 LOWER WING

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (3) = 1.102 ALPHAT(5) = -.030

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.550				-.0470	-.1220		
.565			-.0730				-.1830
.600						-.1000	
.650					-.2580		
.700	-.0830			-.2520			
.725						-.2990	-.3390
.750							
.760			-.3950				
.775				-.3710	-.3500		
.808			-.3940				
.834	-.4190						
.850				-.5050	-.4380	-.4530	
.857			-.5640				
.865	-.3840						
.900	-.2980			-.2470			-.4250
.905			-.1980				
.950				-.1840	-.5490	-.5480	
.953			-.1710				
.965	-.1320						

MACH (3) = 1.102 ALPHAT(6) = 1.980

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.4150	-.2110	.3400	.5800	.4950	.5220	.3750
.050				.1910	.1660	.1770	.2420
.081			.3240				
.086		.0790					
.094	-.1740						
.150				.1840	.1370	.2180	.1860
.177			.1990				
.229	.0960						
.246		.2510					
.250				.0570	.1660	.1950	.1660
.362	.2210						
.400				.1600	.1300		.0930
.402			.0090				
.497	.1700						
.550				.0060	-.0850		
.565			-.1070				
.600							-.1520
.650						-.1590	
.700	.0050				-.2470		
.725				-.2490			
.750						-.2740	-.3190
.760			-.3990				
.775				-.3590	-.3320		

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A (RBML92)

AMES 11-707 IA9 C2A + S3 + T9 LOWER WING

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (3) = 1.102 ALPHAT(6) = 1.980

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.808			-.3860				
.834	-.4190			-.4930	-.4190	-.4310	
.850							
.857			-.5540				
.865	-.3640						
.900	-.2940			-.2330			-.3920
.905			-.1830				
.950				-.1450	-.5110	-.5230	
.953			-.1510				
.965	-.1010						

MACH (3) = 1.102 ALPHAT(7) = 3.980

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.4730	-.3420	.2750	.5350	.4740	.4830	.3530
.050				.2660	.2670	.2840	.3430
.081			.3630				
.086		.0710					
.094	-.1460			.2330	.2270	.2780	.2490
.150							
.177			.2350				
.229	.0930						
.246		.2630		.1180	.2230	.2590	.2120
.250							
.362	.2240			.1760	.1660		.1310
.400							
.402			.0830				
.497	.1790			.0240	-.0620		
.550							
.555			-.0020				-.1220
.600						-.1250	
.650					-.2270		
.700	.0080			-.2390			
.725						-.2430	-.2860
.750							
.760			-.3950				
.775				-.3490	-.3160		
.808			-.3830				
.834	-.4160			-.4810	-.4040	-.4090	
.850							
.857			-.5440				
.865	-.3210						
.900	-.2810			-.2290			-.3470
.905			-.1650				
.950				-.1270	-.5350	-.5010	
.953			-.1310				

AME3 11-707 IA9 C2A + S3 + T9 LOWER WING (RBM102)

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (6) = 1.102 ALPHAT(7) = 3.980

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.965	-.0780						

MACH (6) = 1.102 ALPHAT(8) = 5.970

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.5440	-.5010	.1980	.5000	.4480	.4360	.1340
.050				.3430	.3680	.3840	.4410
.081			.4070				
.086		.0710					
.094	-.1100						
.150				.2880	.3030	.3470	.3180
.177			.2780				
.229	.0780						
.246		.2890					
.250				.1850	.2780	.2970	.2660
.362	.2340						
.400				.2060	.2100		.1780
.402			.1350				
.497	.2010						
.550				.0460	-.0320		
.565			.0140				
.600							-.0820
.650						-.0890	
.700	.0260				-.2000		
.725				-.2260			
.750						-.2130	-.2480
.760			-.3900				
.775				-.3390	-.2930		
.808			-.3770				
.834	-.4060						
.850				-.4570	-.3770	-.3810	
.857			-.5280				
.865	-.2970						
.900	-.2680			-.4990			-.3130
.905			-.2350				
.950				-.1370	-.5100	-.4750	
.953			-.1280				
.965	-.0740						

MACH (9) = 1.101 ALPHAT(9) = 7.940

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.5950	-.5110	.1100	.4780	.4170	.3830	.0180
.050				.4050	.4520	.4700	.5170
.081			.4440				
.086		.0650					
.094	-.0320						

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A

AMES 11-7D7 IA9 C2A + S3 + T9 LOWER WING (RBML02)

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (3) = 1.101 ALPHAT(9) = 7.940

Y/BW	.259	.364	.427	.534	.673	.780	.887
X/CW							
.150				.3550	.3700	.4090	.3760
.177			.3080				
.229	.0740						
.246		.3000					
.250				.2330	.3260	.3530	.3140
.362	.2470						
.400				.1300	.2490		.2190
.402			.1630				
.497	.2200						
.550				.0670	-.0060		
.565			.0340				-.0270
.600						-.0540	
.650					-.1860		
.700	.0470			-.2150			
.725						-.1810	-.2100
.750							
.760			-.3880				
.775				-.3260	-.2710		
.808			-.3680				
.834	-.3980						
.850				-.4560	-.3620	-.3510	
.857			-.4820				
.865	-.2880						
.900	-.2460			-.5150			-.2860
.905			-.3830				
.950				-.1670	-.4960	-.4510	
.953			-.1040				
.965	-.0860						

MACH (4) = 1.249 ALPHAT(1) = -8.080

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.1580	-.1970	.0120	.4070	.4180	.3760	.3630
.050				-.4460	-.4120	-.5450	-.5010
.081			-.0550				
.086		-.1780					
.094	-.1550						
.150				.0200	-.3730	-.2150	-.4630
.177			-.0320				
.229	-.1790						
.246		-.0540					
.250				-.0180	.0080	-.1890	-.4140
.362	-.0660						
.400				-.0660	-.0590		-.1490
.402			-.0620				
.497	.1310						

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A (RBML02)

AMES 11-707 IA9 OEA + S3 + T9 LOWER WING

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (4) = 1.249 ALPHAT(1) = -8.060

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.550				-.1700	-.2080		
.565			-.1570				
.600							-.1760
.650						-.2380	
.700	-.1640				-.3330		
.725				-.3260			
.750						-.3240	-.3390
.760			-.3690				
.775				-.3880	-.3940		
.808			-.3460				
.834	-.2850						
.850				-.4680	-.4360	-.4300	
.857			-.4460				
.865	-.4430						
.900	-.3880			-.4800			-.3960
.905			-.5520				
.950				-.5240	-.5080	-.5050	
.953			-.3830				
.965	-.3600						

MACH (4) = 1.248 ALPHAT(2) = -6.080

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.1670	-.1480	.1090	.5350	.4920	.4730	.4380
.050				-.2950	-.3100	-.4750	-.4100
.081			.1460				
.086		-.1780					
.094	-.1770						
.150				.0590	-.1250	-.1290	-.3760
.177			.0810				
.229	-.1770						
.246		.0650					
.250				-.0060	-.0410	-.0820	-.2380
.362	-.0190						
.400				-.0400	-.0310		.0370
.402			-.0385				
.497	.1630						
.550				-.1420	-.1740		
.565			-.1400				
.600							-.1630
.650						-.2130	
.700	-.1510				-.2980		
.725				-.2990			
.750						-.3010	-.3150
.760			-.3450				
.775				-.3650	-.3600		

DATE 7. SEP 73 TABULATED PRESSURE DATA - IA9A

AMES 11-7D7 IA9 C2A + S3 + T9 LOWER WING (RBM.02)

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (4) = 1.248 ALPHAT(2) = -6.020

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.808			-.3290				
.834	-.2880						
.850				-.4370	-.4070	-.4110	
.857			-.4300				
.865	-.4440						
.900	-.3880			-.4570			-.3860
.905			-.5470				
.950				-.5120	-.4890	-.4750	
.953			-.3900				
.955	-.3750						

MACH (4) = 1.248 ALPHAT(3) = -3.980

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.1940	-.1180	.2010	.5810	.5430	.5360	.4830
.050				-.0680	-.1650	-.3750	-.2750
.061			.1970				
.086		-.1240					
.094	-.1420						
.150				.0990	.0800	-.0120	-.1620
.177			.1790				
.229	-.1630						
.246		.1760					
.250				.0420	-.0030	.0000	-.0180
.362	.0720						
.400				-.0070	.0120		.0360
.402			-.0070				
.497	.1950						
.550				-.1040	-.1450		
.565			-.0970				
.600							-.1440
.650						-.1850	
.700	-.1180				-.2620		
.725				-.2650			
.750						-.2800	-.3110
.760			-.2970				
.775				-.3270	-.3230		
.808			-.2870				
.834	-.2650						
.850				-.3940	-.3780	-.3910	
.857			-.4150				
.865	-.4210						
.900	-.3730			-.4180			-.3860
.905			-.5260				
.950				-.4830	-.4680	-.4540	
.953			-.3250				

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A (RBMLD2)

AMES 11-707 IA9 C2A + S3 + T9 LOWER WING

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (4) = 1.249 ALPHAT(3) = -3.980

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.965	-.3140						

MACH (4) = 1.249 ALPHAT(4) = -1.950

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.2250	-.1230	.2660	.6340	.5680	.5810	.5060
.050				.0860	-.0040	-.1060	-.1070
.081			.2460				
.086		-.1250					
.094	-.1370						
.150				.1410	.1270	.0570	.0460
.177			.2090				
.229	-.1360						
.246		.2250					
.250				.0880	.0380	.0700	.0790
.362	.1180						
.400				.0240	.0440		.0700
.402			.0170				
.497	.2160						
.550				-.0720	-.1030		
.565			-.0610				-.1230
.600						-.1540	
.650					-.2080		
.700	-.0990			-.2430			
.725						-.2460	-.2780
.750							
.760			-.2600				
.775				-.2940	-.2870		
.808			-.2700				
.834	-.2580						
.850				-.3580	-.3540	-.3500	
.857			-.4080				
.865	-.4180						
.900	-.4430			-.4010			-.3540
.905			-.5250				
.950				-.4690	-.4360	-.4350	
.953			-.3300				
.965	-.2960						

MACH (4) = 1.248 ALPHAT(5) = .040

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.2560	-.1480	.3160	.6520	.5730	.5920	.4940
.050				.1680	.1440	.1030	.0860
.081			.3240				
.086		-.0940					
.094	-.0990						

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A (RBML02)

AMES 11-7D7 IA9 O2A + S3 + T9 LOWER WING

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (4) = 1.248 ALPHAT(5) = .040

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.150				.1930	.1710	.1230	.1410
.177			.2430				
.229	-.0980						
.246		.2510					
.250				.1250	.0920	.1410	.1450
.362	.1510						
.400				.0560	.0920		.1050
.402			.0390				
.497	.2340						
.550				-.0090	-.0690		
.565			-.0130				
.600							-.0820
.650						-.1150	
.700	-.0680				-.1770		
.725				-.1960			
.750						-.1940	-.2530
.760			-.2330				
.775				-.2270	-.2610		
.808			-.2520				
.834	-.2530						
.850				-.3220	-.3310	-.3320	
.857			-.3850				
.865	-.4040						
.900	-.4420			-.3770			-.3070
.905			-.5040				
.950				-.4520	-.3730	-.4180	
.953			-.4270				
.965	-.2740						

MACH (4) = 1.244 ALPHAT(6) = 2.030

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.3040	-.2220	.3580	.6320	.5550	.5670	.4560
.050				.2470	.2390	.1960	.2360
.061			.3660				
.086		-.0820					
.094	-.0880						
.150				.2510	.2080	.1960	.2100
.177			.2620				
.229	-.0820						
.246		.2580					
.250				.1430	.1550	.2050	.1980
.362	.1950						
.400				.0980	.1500		.1360
.402			.0540				
.497	.2350						

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A

AMES 11-70? IA9 OBA + S3 + T9 LOWER WING (RBMLD2)

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (4) = 1.244 ALPHAT(6) = 2.030

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.550				.0610	-.0200		
.565			.0270				-.0540
.600						-.0570	
.650					-.1440		
.700	-.0400			-.1140			
.725						-.1610	-.1950
.750							
.760			-.2120				
.775				-.1780	-.2250		
.800			-.2990				
.834	-.2490						
.850				-.2990	-.2400	-.2970	
.857			-.3550				
.865	-.4010						
.900	-.4450			-.3690			-.2750
.905			-.4810				
.950				-.4350	-.3660	-.3750	
.953			-.4170				
.965	-.2640						

MACH (4) = 1.245 ALPHAT(7) = 3.970

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.3800	-.3050	.2920	.5850	.5400	.5460	.3960
.020				.3180	.3140	.2700	.3440
.061			.3930				
.066		-.0520					
.094	-.0700						
.150				.2840	.2610	.2550	.2740
.177			.2840				
.223	-.0700						
.246		.2650					
.250				.1660	.2020	.2560	.2530
.362	.1980						
.400				.1210	.1940		.1850
.402			.0630				
.497	.2270						
.550				.0920	.0280		
.565			.0440				
.600							-.0060
.650						-.0190	
.700	-.0090				-.0830		
.725				-.0710			
.750						-.1080	-.1610
.760			-.1990				
.775				-.1850	-.1520		

DATE 04 SEP 73 TABULATED PRESSURE DATA - IA9A

AMES 11-707 IA9 CBA + S3 + T9 LOWER WING (RBMLO2)

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (4) = 1.245 ALPHAT(7) = 5.970

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.808			-.2390				
.834	-.2460						
.850				-.3110	-.2530	-.2490	
.857			-.3640				
.865	-.3930						
.900	-.4210			-.3800			-.2530
.905			-.4930				
.950				-.4360	-.3760	-.3490	
.953			-.4300				
.965	-.2340						

MACH (4) = 1.245 ALPHAT(8) = 5.990

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.3830	-.3760	.1910	.5620	.5150	.5110	.3340
.050				.3620	.4000	.3620	.4650
.081			.4350				
.086		-.0220					
.094	-.0510						
.150				.3260	.3160	.3490	.3700
.177			.3190				
.229	-.0300						
.246		.2790					
.250				.2010	.2570	.3550	.3440
.362	.2120						
.400				.1960	.2830		.2600
.402			.1110				
.497	.2400						
.550				.1720	.0720		
.565			.1390				
.600							.0250
.650						.0090	
.700	.1050				-.0890		
.725				-.1040			
.750						-.1020	-.1390
.760			-.2100				
.775				-.1940	-.1710		
.808			-.2390				
.834	-.2420						
.850				-.3110	-.2500	-.2480	
.857			-.3690				
.865	-.3920						
.900	-.3270			-.3780			-.2390
.905			-.4910				
.950				-.4350	-.3700	-.3370	
.953			-.4660				

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A (RBML02)

AMES 11-707 IA9 O2A + S3 + T9 LOWER WING

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (4) = 1.245 ALPHAT(8) = 9.990

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.965	-.2060						

MACH (4) = 1.247 ALPHAT(9) = 7.980

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.4080	-.3680	.0550	.5190	.4810	.4720	.2420
.050				.4400	.4730	.4710	.5550
.061			.4640				
.066		.0330					
.094	-.0140			.3670	.3840	.4450	.4400
.150							
.177			.3390				
.229	.0120						
.246		.2860		.2390	.3710	.4220	.3850
.250							
.362	.2200			.3070	.3140		.2940
.400							
.402			.1790				
.497	.2460			.1410	.0790		
.550							
.565			.1120				.0580
.600						.0380	
.650					-.0700		
.709	.1160			-.0850			
.725						-.0710	-.1060
.750							
.760			-.2140				
.775				-.1810	-.1500		
.808			-.2400				
.834	-.2460						
.850				-.2990	-.2300	-.2210	
.857			-.3590				
.885	-.3960			-.3680			-.1990
.900	-.1910						
.905			-.4800				
.950				-.4220	-.3530	-.3130	
.953			-.4350				
.965	-.1900						

MACH (9) = 1.401 ALPHAT(1) = -8.050

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.0640	-.0790	.0680	.4440	.4190	.3720	.4140
.050				-.4450	-.4990	-.5510	-.5360
.061			-.1620				
.066		-.1290					
.094	-.0900						

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A (RBML02)

AMES 11-707 IA9 C2A + S3 + T9 LOWER WING

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (9) = 1.401 ALPHAT(1) = -8.050

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.150				-.0860	-.4000	-.4800	-.4800
.177			-.0830				
.229	-.1040						
.246		-.0870					
.250				-.1040	-.2380	-.4030	-.4450
.362	-.1080						
.400				-.0580	.0130		-.1130
.402			-.0420				
.497	.0950						
.550				-.0610	-.1070		
.565			-.1000				-.1170
.600						-.1380	
.650					-.2240		
.700	-.1000			-.2290			
.725						-.2180	-.1790
.750							
.760			-.2900				
.775				-.2840	-.2900		
.808			-.2850				
.834	-.2200						
.850				-.3550	-.3370	-.3180	
.857			-.3480				
.865	-.3080						
.900	-.3980			-.3870			-.2340
.905			-.4040				
.950				-.4250	-.3970	-.3790	
.953			-.4190				
.965	-.3640						

MACH (9) = 1.396 ALPHAT(2) = -5.970

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.0980	-.0580	.1350	.4730	.4450	.4670	.5030
.050				-.3910	-.4520	-.4840	-.4660
.081			-.1390				
.086		-.1160					
.094	-.0940						
.150				-.0560	-.2430	-.3880	-.4110
.177			-.0770				
.229	-.1040						
.246		-.0660					
.250				-.0550	-.1390	-.2050	-.3630
.362	-.1140						
.400				.0280	.1000		.0260
.402			.0060				
.497	.0900						

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A

AMES 11-707 IA9 C2A + S3 + T9 LOWER WING (RBMLU2)

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (5) = 1.396 ALPHAT(2) = -5.970

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.550				-.0390	-.0990		
.565			-.0580				-.0230
.600						-.1150	
.650					-.2090		
.700	-.0790			-.1960			
.725						-.2060	-.1900
.750			-.2700				
.760				-.2640	-.2730		
.775			-.2690				
.808							
.834	-.1780			-.3380	-.3200	-.3050	
.850			-.3170				
.857							
.865	-.3120			-.3650			-.2490
.900	-.3690		-.3910				
.935				-.4050	-.3770	-.3700	
.950			-.4120				
.953							
.965	-.3520						

MACH (5) = 1.396 ALPHAT(3) = -3.980

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.1000	-.0500	.1820	.5290	.5240	.5270	.5510
.050				-.2720	-.3410	-.4060	-.4050
.081			-.0910				
.086		-.1040					
.094	-.0780						
.150				.0410	-.0400	-.2920	-.3310
.177			.0460				
.229	-.0940						
.246		-.0480					
.250				-.0250	-.0910	.1450	-.1630
.362	-.1120						
.400				.0990	.1330		.2860
.402			.0240				
.497	.1320						
.550				-.0110	-.0690		
.565			-.0290				
.600							-.0280
.650						-.0840	
.700	-.0340				-.1750		
.725				-.1640			
.750						-.1770	-.1830
.760			-.2380				
.775				-.2290	-.2380		

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A (RBMLO2)

AMES 11-707 IA9 CRA + S3 + T9 LOWER WING

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (5) = 1.396 ALPHAT(3) = -3.980

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.806			-.2280				
.834	-.1690						
.850				-.3010	-.2790	-.2830	
.857			-.2850				
.865	-.3130						
.900	-.3840			-.3350			-.2420
.905			-.3840				
.950				-.3650	-.3570	-.3500	
.953			-.3980				
.965	-.3320						

MACH (5) = 1.396 ALPHAT(4) = -1.990

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.1600	-.0750	.2340	.5790	.5540	.5720	.5620
.050				-.1280	-.2000	-.2830	-.2550
.081			-.0130				
.086		-.0910					
.094	-.0500						
.150				.0620	.0520	-.0490	-.0590
.177			.1630				
.229	-.0910						
.248		-.0080					
.250				.0180	.0140	.2010	.2210
.362	-.1020						
.400				.1620	.1510		.2490
.402			.1160				
.497	.1590						
.550				.0290	-.0380		
.565			.0120				
.600							-.0170
.650						-.0620	
.700	-.0230				-.1350		
.725				-.1430			
.750						-.1500	-.1840
.760			-.1950				
.775				-.1990	-.2030		
.808			-.1880				
.834	-.1400						
.850				-.2770	-.2540	-.2510	
.857			-.2670				
.865	-.2960						
.900	-.3710			-.3070			-.2380
.905			-.3720				
.950				-.3390	-.3310	-.3330	
.953			-.3850				

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A (RBM_02)

AMES 11-707 IA9 CBA + S3 + T9 LOWER WING

DEPENDENT VARIABLE CP

SECTION 1 LOWER WING

MACH 5) = 1.396 ALPHAT(4) = -1.990

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.965	-.3330						

MACH 5) = 1.398 ALPHAT(5) = .040

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.1850	-.1200	.2590	.6100	.5850	.6110	.5670
.050				.0670	-.0660	-.1370	.1900
.081			.0710				
.086		-.0590					
.094	-.0260			.1010	.1050	.2510	.2040
.150			.1900				
.177							
.229	-.0660						
.246		.0170		.1470	.1630	.2400	.2060
.250							
.362	-.0380			.1690	.1780		.2700
.400			.1690				
.402							
.497	.1920			.0500	-.0110		
.550							
.565			.0280				.0050
.600						-.0[illegible]	
.650					-.1060		
.700	.0120			-.1030			
.725						-.1240	-.1550
.750			-.1500				
.760				-.1640	-.1700		
.775			-.1470				
.808							
.834	-.1270			-.2420	-.2220	-.2390	
.850							
.857			-.2380				
.865	-.2740			-.2650			-.2110
.900	-.3580						
.905			-.3460				
.950				-.3[illegible]40	-.3050	-.3[illegible]90	
.953			-.3600				
.965	-.3280						

MACH 5) = 1.393 ALPHAT(6) = 2.000

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.1850	-.1040	.2660	.6470	.6020	.6430	.5360
.050				.1240	.1350	.2560	.2650
.081			.1310				
.086		-.0410					
.094	-.0190						

DATE 25 SEP 73 TABULATED PRESSURE DATA - IA9A

AMES 11-707 IA9 C2A + S3 + T9 LOWER WING (RBMLL2)

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (5) = 1.393 ALPHAT(6) = 2.000

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.150				.2000	.3530	.1920	.2380
.177			.2490				
.229	-.0490						
.246		.0310					
.250				.2950	.0980	.2290	.2370
.362	-.0300						
.400				.1450	.1900		.2960
.402			.1440				
.497	.2360						
.550				.0700	.0140		
.565			.0430				
.600							.0350
.650						.0030	
.700	.0140				-.0800		
.725				-.0720			
.750						-.0970	-.1350
.760			-.1170				
.775				-.1480	-.1210		
.808			-.1270				
.834	-.1140						
.850				-.2150	-.1960	-.2140	
.857			-.2400				
.865	-.2680						
.900	-.3550			-.2530			-.1890
.905			-.3510				
.950				-.3100	-.[illegible]	-.2720	
.953			-.3630				
.965	-.3140						

MACH (9) = 1.394 ALPHAT(7) = 3.960

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.2000	-.2640	.2280	.6330	.6170	.6110	.4690
.050				.2720	.3730	.3110	.3720
.081			.2210				
.086		-.0390					
.094	-.0010						
.150				.3670	.3210	.2340	.3160
.177			.3210				
.229	-.0180						
.246		.0890					
.250				.2430	.1630	.2010	.2930
.362	-.1070						
.400				.1660	.2260		.2590
.402			.1260				
.497	.2830						

DATE 20 SEP 73 TABULATED PRESSURE DATA (RBML02)

AMES 11-707 IA9 02A + S3 + T9 LOWER WING

SECTION (1)LOWER WING

DEPENDENT VARIABLE CP

MACH (5) = 1.394 ALPHAT(7) = 3.960

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.550				.0800	.0270		
.565			.0650				.0440
.600						.0190	
.650					-.0560		
.700	.0230			-.0690			
.725						-.0790	-.1140
.750			-.0900				
.760				-.1300	-.1070		
.775			-.1200				
.808							
.834	-.1170			-.1840	-.1840	-.1840	
.850			-.2360				
.857							
.865	-.2700			-.2380			-.1800
.900	-.3550		-.3440				
.905				-.2980	-.2800	-.2570	
.930							
.953			-.3550				
.965	-.2840						

MACH (5) = 1.396 ALPHAT(8) = 6.030

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.2290	-.2880	.1820	.6500	.5870	.5720	.3950
.050				.4160	.4450	.3860	.4790
.081			.3110				
.086		-.0120					
.094	.0230			.3660	.3670	.3020	.3790
.150							
.177			.3870				
.229	.0030						
.246		.1420		.2710	.2110	.3490	.3470
.250							
.362	.0330			.1850	.2750		.3020
.400							
.402			.1430				
.497	.2950			.1110	.0570		
.550							
.565			.1100				.0820
.600						.0580	
.650					-.0090		
.700	.0480			-.0440			
.725						-.0320	-.0780
.750							
.760			-.0690				
.775				-.0490	-.0840		

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A

AMES 11-707 IA9 02A + S3 + T9 LOWER WING (RBMLD2)

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (3) = 1.396 ALPHAT(8) = 6.030

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.808			-.1090				
.834	-.1130						
.850				-.1660	-.1470	-.1380	
.857			-.2370				
.865	-.2630						
.900	-.3480			-.2410			-.1360
.905			-.3420				
.950				-.3060	-.2440	-.2200	
.953			-.3550				
.965	-.2610						

MACH (9) = 1.391 ALPHAT(9) = 7.990

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.2930	-.2850	.1130	.6200	.5520	.5320	.3140
.050				.4690	.5070	.4650	.5620
.081			.4820				
.086		.0120					
.094	.0490			.4110	.4090	.3930	.4410
.150							
.177			.3810				
.229	.0280						
.246		.2080		.2810	.2090	.4070	.4000
.250							
.362	.0840			.2060	.2990		.3540
.400							
.402			.1430				
.497	.2840			.1470	.0890		
.550							
.565			.1360				.1320
.600						.1040	
.650					.0280		
.700	.0520			.0260			
.725						.0320	-.0180
.750							
.760			-.0770				
.775				-.0550	-.0420		
.808			-.1170				
.834	-.1180						
.850				-.1800	-.1330	-.1130	
.857			-.2210				
.865	-.2660						
.900	-.3470			-.2480			-.0580
.905			-.3400				
.950				-.3030	-.2370	-.2110	
.953			-.3530				

AMES 11-7D7 IA9 O2A + S3 + T9 LOWER WING (RBML02)

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (5) = 1.391 ALPHAT(9) = 7.990

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.965	-.2440						

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A (RBML03) (27 APR 73)

AMES 11-707 IA9 CBA + S3 + T9 LOWER WING

REFERENCE DATA

SREF = 2.4210 SQ.FT. XMRP = 28.5300 INCHES
LREF = 39.8490 INCHES YMRP = .0000 INCHES
BREF = 39.8490 INCHES ZMRP = .0000 INCHES
SCALE = .0300 SCALE

PARAMETRIC DATA

ALPHAT = -8.000 ORBINC = .500
RUDDER = .000 ELEVON = .000
RUDFLR = .000

SECTION (1)LOWER WING

DEPENDENT VARIABLE CP

MACH (1) = .599 BETAT (1) = -8.050

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.0500	-.1260	.2650	.3550	.2550	.1060	.1060
.050				-.3930	-.5120	-.6430	-.6670
.081			-.1490				
.086		-.0070					
.094	-.0560						
.150				-.2090	-.2820	-.3260	-.4010
.177			-.1450				
.229	.0200						
.246		-.0160					
.250				-.2520	-.2430	-.2410	-.2760
.362	.0570						
.400				-.2250	-.2300		-.2530
.402			-.2450				
.497	-.0530						
.550				-.3410	-.3410		
.565			-.3550				
.600							-.2740
.650						-.2780	
.700	-.3660				-.3340		
.725				-.3340			
.750						-.2470	-.2660
.760			-.3880				
.775				-.2790	-.2690		
.808			-.2580				
.834	-.3390						
.850				-.2140	-.1700	-.1620	
.857			-.2220				
.865	-.2670						
.900	-.1890			-.1130			-.1050
.905			-.1300				
.950				.0200	.0340	.0250	
.953			-.0140				
.965	-.0630						

MACH (1) = .598 BETAT (2) = -6.030

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.0600	-.1510	.2190	.2830	.1830	.0310	.0240
.050				-.4360	-.5450	-.6870	-.6920
.081			-.1820				
.086		-.0240					
.094	-.0560						

DATE 21 SEP 73 TABULATED PRESSURE DATA - IA9A

AMES 11-707 IA9 C2A + S3 + T9 LOWER WING (RBML03)

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (1) = .598 BETAT (2) = -6.030

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.150				-.2370	-.3290	-.3500	-.4360
.177			-.1760				
.229	.0110						
.246		-.0430					
.250				-.2670	-.2680	-.2620	-.3050
.362	.0400						
.400				-.2340	-.2500		-.2670
.402			-.2640				
.497	-.0850						
.550				-.3370	-.3430		
.565			-.3620				
.600							-.2840
.650						-.2890	
.700	-.3590				-.3280		
.725				-.3310			
.750						-.2530	-.2690
.760			-.3780				
.775				-.2720	-.2620		
.808			-.2520				
.834	-.3160						
.850				-.2110	-.1770	-.1640	
.857			-.2100				
.865	-.2580						
.900	-.1840			-.1130			-.1090
.905			-.1210				
.950				.0170	.0300	.0230	
.953			-.0040				
.965	-.0690						

MACH (1) = .596 BETAT (3) = -4.020

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.0640	-.1610	.1580	.2350	.1310	-.0520	-.0460
.050				-.4620	-.5880	-.7210	-.7050
.081			-.1970				
.086		-.0330					
.094	-.0520						
.150				-.2520	-.3490	-.3610	-.4570
.177			-.1940				
.229	.0040						
.246		-.0590					
.250				-.2810	-.2850	-.2770	-.3350
.362	.0270						
.400				-.2280	-.2520		-.2750
.402			-.2570				
.497	-.1040						

DATE 21 SEP 73 TABULATED PRESSURE DATA - IA9A (RBML03)

AMES 11-707 IA9 02A + S3 + T9 LOWER WING

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (1) = .596 BETAT (3) = -4.020

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.550				-.3250	-.3380		
.565			-.3310				-.2840
.600						-.2840	
.650					-.3310		
.700	-.3250			-.3120			
.725						-.2500	-.2580
.750							
.760			-.3360				
.775				-.2590	-.2550		
.808			-.2350				
.834	-.2730						
.850				-.2090	-.1680	-.1590	
.857			-.1900				
.865	-.2130						
.900	-.1600			-.1030			-.1080
.905			-.1090				
.950				.0220	.0290	.0260	
.953			.0060				
.965	-.0800						

MACH (1) = .996 BETAT (4) = -2.000

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.0660	-.1720	.1470	.1610	.0970	-.1390	-.1210
.050				-.5050	-.6470	-.7610	-.7190
.061			-.2270				
.086		-.0490					
.094	-.0510						
.150				-.2810	-.3870	-.3880	-.5050
.177			-.2240				
.229	-.0070						
.246		-.0800					
.250				-.3030	-.3080	-.2890	-.3730
.362	.0000						
.400				-.2340	-.2610		-.2840
.402			-.2700				
.497	-.1380						
.550				-.3180	-.3430		
.565			-.3200				
.600							-.2820
.650						-.2860	
.700	-.3040				-.3290		
.725				-.3080			
.750						-.2430	-.2600
.760			-.3230				
.775				-.2470	-.2590		

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A (RBMLD3)

AMES 11-707 IA9 O2A + S3 + T9 LOWER WING

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (1) = .598 BETAT (4) = -2.000

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.808			-.2130				
.834	-.2410						
.850				-.1960	-.1660	-.1600	
.857			-.1790				
.865	-.1890						
.900	-.1440			-.0920			-.1050
.905			-.1000				
.950				.0260	.0220	.0220	
.953			.0060				
.965	-.0570						

MACH (1) = .598 BETAT (5) = .080

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.0630	-.1730	.1160	.0960	-.0430	-.2310	-.1860
.050				-.5430	-.6960	-.8070	-.7350
.081			-.2580				
.086		-.0680					
.094	-.0490			-.2980	-.3950	-.4070	-.5550
.150			-.2390				
.177							
.229	-.0150						
.246		-.0820		-.3170	-.3170	-.3010	-.4360
.250							
.362	-.0170			-.2550	-.2660		-.2760
.400			-.2840				
.402							
.497	-.1710			-.3250	-.3530		
.550			-.3230				
.565							-.2670
.600						-.2860	
.650					-.3310		
.700	-.2940			-.3020			
.725						-.2450	-.2610
.750							
.760			-.3120				
.775				-.2410	-.2590		
.808			-.1940				
.834	-.2200						
.850				-.1730	-.1710	-.1530	
.857			-.1600				
.865	-.1810						
.900	-.1340			-.0730			-.1060
.905			-.0780				
.950				.0410	.0280	.0240	
.953			.0140				

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A (RBML03)

AMES 11-7D7 IA9 C2A + S3 + T9 LOWER WING

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (1) = .598 BETAT (5) = .020

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.965	-.0650						

MACH (1) = .598 BETAT (6) = 2.060

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.0650	-.1520	.0920	.0520	-.1020	-.3020	-.2530
.050				-.5550	-.6810	-.8400	-.7430
.081			-.2350				
.086		-.0840					
.094	-.0430						
.150				-.3120	-.3930	-.4050	-.6050
.177			-.2580				
.229	-.0160						
.246		-.0980					
.250				-.3300	-.3230	-.3060	-.4570
.362	-.0340						
.400				-.2540	-.2730		-.2640
.402			-.2750				
.497	-.1930						
.550				-.3270	-.3430		
.565			-.3210				
.600							-.2610
.650						-.2840	
.700	-.2930				-.3240		
.725				-.2970			
.750						-.2460	-.2490
.760			-.2970				
.775				-.2360	-.2590		
.808			-.1960				
.834	-.2070						
.850				-.1750	-.1680	-.1610	
.857			-.1510				
.865	-.1680						
.900	-.1420			-.0750			-.1020
.905			-.0820				
.950				.0380	.0280	.0170	
.953			.0050				
.965	-.0930						

MACH (1) = .598 BETAT (7) = 4.100

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.0670	-.1520	.0900	.0260	-.1240	-.2920	-.2640
.050				-.5330	-.6370	-.7740	-.7310
.081			-.2140				
.086		-.0840					
.094	-.0380						

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A (RBML03)

AMES 11-707 IA9 02A + S3 + T9 LOWER WING

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (1) = .598 BETAT (7) = 4.100

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.150				-.2950	-.3610	-.3790	-.5850
.177			-.2470				
.229	-.0220						
.246		-.0650					
.250				-.3040	-.2970	-.2890	-.3920
.362	-.0300						
.400				-.2250	-.2560		-.2230
.402			-.2440				
.497	-.1750						
.550				-.2910	-.3270		
.565			-.2710				
.600							-.2530
.650						-.2800	
.700	-.2370				-.3130		
.725				-.2780			
.750						-.2420	-.2470
.760			-.2550				
.775				-.2280	-.2500		
.808			-.1610				
.834	-.1670						
.850				-.1810	-.1640	-.1550	
.857			-.1380				
.865	-.1640						
.900	-.1590			-.0870			-.1050
.905			-.0960				
.950				.0070	.0190	.0160	
.953			-.0550				
.965	-.1450						

MACH (1) = .598 BETAT (8) = 6.140

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.0650	-.1270	.0900	.0240	-.1430	-.3290	-.3290
.050				-.5080	-.6220	-.7570	-.7380
.081			-.2050				
.086		-.0700					
.094	-.0440						
.150				-.2880	-.3500	-.3730	-.5780
.177			-.2430				
.229	-.0280						
.246		-.0910					
.250				-.3000	-.2950	-.2940	-.3590
.362	-.0430						
.400				-.2210	-.2560		-.2170
.402			-.2390				
.497	-.1910						

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A

ANES 11-707 IA9 C2A + S3 + T9 LOWER WING (RBMLO3)

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (1) = .598 BETAT (8) = 6.140

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.550				-.2960	-.3360		
.565			-.2730				-.2520
.600						-.2890	
.650					-.3250		
.700	-.2390			-.3130			
.725						-.2470	-.2580
.750			-.3160				
.760				-.2570	-.2600		
.775			-.2090				
.808							
.834	-.2140			-.2280	-.1840	-.1730	
.850			-.1960				
.857							
.865	-.1930			-.1310			-.1060
.900	-.1920		-.1530				
.905				-.0230	.0030	.0070	
.950			-.0740				
.953							
.965	-.1760						

MACH (1) = .999 BETAT (9) = 6.160

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.0590	-.1090	.0970	.0190	-.1640	-.3560	-.3680
.050				-.4750	-.6090	-.7340	-.7310
.081			-.1720				
.086		-.0590					
.094	-.0460			-.2700	-.3370	-.3650	-.5610
.150							
.177			-.2270				
.229	-.0410						
.246		-.0780					
.250				-.2870	-.2860	-.2950	-.3430
.362	-.0610						
.400				-.2230	-.2580		-.2140
.402			-.2380				
.497	-.1730						
.550				-.3090	-.3340		
.565			-.3090				
.600							-.2600
.650						-.2910	
.700	-.2640				-.3370		
.725				-.3290			
.750						-.2660	-.2560
.760			-.3320				
.775				-.2880	-.2870		

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A

AMES 11-707 IA9 C2A + S3 + T9 LOWER WING (RBML03)

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (1) = .599 BETAT (9) = 0.180

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.808			-.2150				
.834	-.2520			-.2580	-.2110	-.1810	
.850							
.857			-.2080				
.865	-.2380						-.1070
.900	-.2300			-.1710			
.905			-.1930				
.950				-.0670	-.0200	-.0040	
.953			-.1720				
.965	-.2160						

MACH (2) = .901 BETAT (1) = -0.140

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.0220	-.0690	.4070	.5530	.4820	.3980	.3660
.050				-.2060	-.4310	-1.0950	-.6780
.081			.0180				
.086		.0780					
.094	-.0150						
.150				-.0730	-.2750	-.2530	-.4600
.177			.0020				
.229	.0970						
.246		.1280					
.250				-.1770	-.2350	-.2230	-.3320
.362	.1970						
.400				-.1280	-.2010		-.3350
.402			-.1720				
.497	.1160						
.550				-.2830	-.4280		
.565			-.2830				
.600							-.4330
.650						-.4700	
.700	-.2130				-.5840		
.725				-.5840			
.750						-.5650	-.5330
.760			-.7780				
.775				-.6780	-.6660		
.808			-.4150				
.834	-.4130						
.850				-.1680	-.1340	-.1190	
.857			-.1780				
.865	-.4200						
.900	-.2360			-.0740			-.0590
.905			-.0640				
.950				.0120	.0740	.0830	
.953			.0120				

DATE 20 SEP 73 TABULATED PRESSURE DATA - 1A9A

AMES 11-707 1A9 CBA + S3 + T9 LOWER WING (BBMLS3)

SECTION (1)LOWER WING DEPENDEN V. ILE CP

MACH (2) = .901 BETAT (1) = -8.140

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.965	-.0510						

MACH (2) = .900 BETAT (2) = -6.100

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.0270	-.0880	.3660	.4990	.4220	.3340	.3000
.050				-.2730	-.4840	-1.1520	-.7950
.081			-.0140				
.086		.0560					
.094	-.0140						
.150				-.1120	-.3510	-.3320	-.5170
.177			-.0330				
.229	.0840						
.246		.1040					
.250				-.2250	-.3180	-.2760	-.4430
.362	.1730						
.400				-.1800	-.2340		-.3710
.402			-.2420				
.497	.0740						
.550				-.3140	-.4400		
.565			-.3020				
.600							-.4290
.650						-.4940	
.700	-.2300				-.6010		
.725				-.5990			
.750						-.5810	-.4690
.760			-.7120				
.775				-.5730	-.6870		
.808			-.3660				
.834	-.3170						
.850				-.1420	-.1250	-.0990	
.857			-.1630				
.865	-.3980						
.900	-.2160			-.0330			-.0510
.905			-.0520				
.950				.0500	.0900	.0970	
.953			.0200				
.965	-.0550						

MACH (2) = .900 BETAT (3) = -4.050

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.0260	-.1130	.3220	.4430	.3570	.2560	.2360
.050				-.3260	-.5170	-1.2090	-.9750
.081			-.0440				
.086		.0430					
.094	-.0170						

DATE 21 SEP 73 TABULATED PRESSURE DATA - IA9A (RBML03)

AMES 11-707 IA9 O2A + S3 + T9 LOWER WING

DEPENDENT VARIABLE CP

SECTION (1)LOWER WING

MACH (2) = .900 BETAT (3) = -4.050

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.150				-.1480	-.4060	-.3920	-.6190
.177			-.0750				
.229	.0690						
.246		.0820					
.250				-.2690	-.3700	-.3530	-.5460
.362	.1510						
.400				-.2480	-.2830		-.3760
.402			-.2920				
.497	.0290						
.550				-.3340	-.4670		
.565			-.3070				
.600							-.4030
.650						-.4890	
.700	-.2490				-.5970		
.725				-.6180			
.750						-.5760	-.4250
.760			-.5010				
.775				-.3590	-.6550		
.808			-.3240				
.834	-.2890						
.850				-.1220	-.1020	-.0780	
.857			-.1550				
.865	-.3520						
.900	-.2080			-.0200			-.0320
.905			-.0460				
.950				.0560	.0920	.0990	
.953			.0300				
.965	-.0630						

MACH (2) = .898 BETAT (4) = -2.020

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.0220	-.1010	.2890	.3850	.2840	.1850	.1650
.050				-.3730	-.5700	-1.22	-1.0020
.081			-.0650				
.086		.0300					
.094	-.0680						
.150				-.1760	-.4020	-.4480	-.7140
.177			-.1100				
.229	.0630						
.246		.0590					
.250				-.2960	-.4150	-.4040	-.6550
.362	.1310						
.400				-.2960	-.3410		-.4240
.402			-.3340				
.497	-.0130						

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A

AMES 11-707 IA9 C2A + S3 + T9 LOWER WING (RBML03)

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (2) = .898 BETAT (4) = -2.020

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.550				-.3940	-.4920		
.565			-.3600				
.600							-.3900
.650						-.5195	
.700	-.3080				-.6150		
.725				-.6380			
.750						-.4120	-.3070
.760			-.4740				
.775				-.2780	-.3680		
.808			-.3230				
.834	-.2810						
.850				-.1040	-.0770	-.0750	
.857			-.1610				
.865	-.3320						
.900	-.2170			-.0180			-.0210
.905			-.0660				
.950				.0370	.0790	.0930	
.953			.0200				
.965	-.0830						

MACH (2) = .898 BETAT (5) = 2.080

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.0090	-.0780	.2390	.2810	.1550	.0320	.0310
.050				-.4460	-.6720	-1.2820	-.9690
.081			-.0820				
.086		.0030					
.094	.0130						
.150				-.2550	-.5940	-.5580	-.8250
.177			-.1770				
.229	.0540						
.246		.0280					
.250				-.3530	-.4390	-.5020	-.8640
.362	.0830						
.400				-.3000	-.3420		-.3420
.402			-.3360				
.497	-.1150						
.550				-.3840	-.5210		
.565			-.3330				
.600							-.3770
.650						-.5490	
.700	-.2770				-.6270		
.725				-.5100			
.750						-.2440	-.2110
.760			-.4100				
.775				-.2590	-.2040		

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A (RBML03)

AMES 11-707 IA9 02A + S3 + T9 LOWER WING

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (2) = .899 BETAT (5) = 2.080

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.808			-.2770				
.834	-.2360						
.850				-.1190	-.0690	-.0790	
.857			-.1800				
.865	-.2430						
.900	-.2030			-.0290			-.0040
.905			-.1020				
.950				.0350	.0790	.0800	
.953			-.0290				
.965	-.1440						

MACH (2) = .898 BETAT (6) = 4.140

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	.3040	-.0590	.2150	.2310	.0990	-.0260	-.0150
.050				-.4620	-.6910	-1.2920	-.8870
.081			-.0880				
.086		.0130					
.094	.0250						
.150				-.2780	-.5770	-.5550	-.8550
.177			-.1940				
.229	.0560						
.246		.0200					
.250				-.3360	-.4000	-.5120	-.8460
.362	.0750						
.400				-.2650	-.3290		-.2910
.402			-.2930				
.497	-.1450						
.550				-.3620	-.5130		
.565			-.3100				
.600							-.4580
.650						-.5520	
.700	-.2460				-.6100		
.725				-.4750			
.750						-.2400	-.1890
.760			-.3820				
.775				-.2750	-.2080		
.808			-.2490				
.834	-.2160						
.850				-.1550	-.0620	-.0690	
.857			-.1760				
.865	-.2230						
.900	-.2000			-.0670			-.0010
.905			-.1340				
.950				.0060	.0560	.0750	
.953			-.0930				

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A

AMES 11-707 IA9 O2A + S3 + T9 LOWER WING (RBML03)

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (2) = .698 BETAT (6) = 4.140

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.965	-.1800						

MACH (2) = .901 BETAT (7) = 6.210

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	.0070	-.0390	.2120	.2110	.0500	-.0840	-.0830
.050				-.4390	-.6920	-1.3090	-.8690
.081			-.0820				
.086		.0270					
.094	.0280						
.150				-.2610	-.4730	-.5420	-.9330
.177			-.1960				
.229	.0560						
.246		.0180					
.250				-.3330	-.3740	-.4660	-.7960
.362	.0570						
.400				-.2400	-.3240		-.2590
.402			-.2720				
.497	-.1510						
.550				-.3540	-.4960		
.565			-.2980				
.600							-.5150
.650						-.5760	
.700	-.2370				-.6180		
.725				-.5600			
.750						-.2950	-.1980
.760			-.4650				
.775				-.4420	-.3240		
.808			-.3540				
.834	-.2670						
.850				-.2190	-.0980	-.0780	
.857			-.2700				
.865	-.2960						
.900	-.2750			-.1230			-.0080
.905			-.1930				
.950				-.0280	.0360	.0560	
.953			-.1300				
.965	-.2190						

MACH (2) = .900 BETAT (8) = 8.270

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	.0100	-.0210	.2100	.2060	.0240	-.1350	-.1410
.050				-.3910	-.6610	-1.2770	-.8080
.081			-.0570				
.086		.0380					
.094	.0250						

DATE 20 SEP 73 TABULATED PRESSURE DATA - 1A9A (RBML03)

AMES 11-707 1A9 C2A + S3 + T9 LOWER WING

DEPENDENT VARIABLE CP

SECTION (1)LOWER WING

MACH (2) = .900 BETAT (8) = 0.270

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.150				-.2120	-.3730	-.5210	-.9550
.177			-.1530				
.229	.0330						
.246		.0160					
.250				-.3230	-.3270	-.3740	-.6490
.362	.0820						
.400				-.2290	-.3120		-.2980
.402			-.2760				
.497	-.1010						
.550				-.3400	-.4790		
.565			-.3190				
.600							-.5460
.650						-.5690	
.700	-.2560				-.6110		
.725				-.5370			
.750						-.4550	-.2220
.760			-.4210				
.775				-.4510	-.5500		
.808			-.3300				
.834	-.2910						
.850				-.3020	-.1620	-.0910	
.857			-.3090				
.865	-.2850						
.900	-.2730			-.1800			-.0210
.905			-.2720				
.950				-.0970	.0180	.0490	
.953			-.2340				
.965	-.2710						

MACH (3) = 1.101 BETAT (1) = -8.170

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.0900	-.2500	.4920	.6840	.6260	.5840	.5710
.050				-.1040	-.2070	-.6750	-.5120
.081			.1600				
.086		-.0650					
.094	-.1810						
.150				.1310	-.1090	-.1020	-.4170
.177			.1630				
.229	-.1130						
.246		.2450					
.250				.0220	-.0940	-.0440	-.3030
.362	.2970						
.400				.0140	-.0190		-.0310
.402			.0130				
.497	.2960						

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A

AMES 11-707 IA9 O2A + S3 + T9 LOWER WING (RBMLO3)

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (3) = 1.101 BETAT (1) = -0.170

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.550				-.1170	-.1940		
.565			-.1090				
.600							-.1580
.650						-.2560	
.700	-.1060				-.3410		
.725				-.3330			
.750						-.3570	-.3730
.760			-.3920				
.775				-.3840	-.4230		
.808			-.3850				
.834	-.3910						
.850				-.4360	-.4700	-.4940	
.857			-.5680				
.865	-.5620						-.4240
.900	-.5040			.5500			
.905			-.3100				
.950				-.3240	-.4740	-.2850	
.953			-.2660				
.965	-.2320						

MACH (3) = 1.100 BETAT (2) = -6.120

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.1260	-.2840	.4490	.6340	.5690	.5260	.5170
.050				-.1540	-.3180	-.6940	-.5620
.081			.1330				
.086		-.0740					
.094	-.2150						
.150				.0660	-.1890	-.1540	-.4750
.177			.1280				
.229	-.1330						
.246		.2200					
.250				-.0010	-.1060	-.0950	-.3770
.362	.2690						
.400				-.0240	-.0470		-.0560
.402			-.0200				
.497	.2470						
.550				-.1530	-.2150		
.565			-.1450				
.600							-.1720
.650						-.2820	
.700	-.1550				-.3690		
.725				-.3820			
.750						-.3790	-.3850
.760			-.4200				
.775				-.4240	-.4550		

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A (RBMLO3)

AMES 11-7D7 IA9 O2A + S3 + T9 LOWER WING

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (3) = 1.100 BETAT (2) = -6.120

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.808			-.3970				
.834	-.4020						
.850				-.5[illegible]0	-.5110	-.5190	
.857			-.5750				
.865	-.5770						
.900	-.4460			-.4930			-.4400
.905			-.2550				
.950				-.2650	-.4700	-.4940	
.953			-.2400				
.965	-.21[illegible]						

MACH (3) = 1.102 BETAT (3) = -4.080

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.010	-.1700	-.3280	.4090	.5880	.5220	.4620	.4590
.050				-.1940	-.3890	-.7260	-.6600
.081			.1180				
.086		-.1340					
.094	-.2230						
.150				.0240	-.2320	-.1920	-.4160
.177			.0980				
.229	-.1310						
.246		.2010					
.250				-.0410	-.1280	-.1580	-.2970
.362	.2470						
.400				-.0880	-.0960		-.1680
.402			-.0890				
.497	.2070						
.550				-.1840	-.2580		
.565			-.1880				
.600							-.2300
.650						-.3140	
.700	-.2090				-.4050		
.725				-.4170			
.750						-.4070	-.4090
.760			-.4420				
.775				-.4730	-.4900		
.808			-.4160				
.834	-.4090						
.850				-.5410	-.5490	-.5400	
.857			-.5870				
.865	-.5800						
.900	-.4010			-.2800			-.4540
.905			-.2520				
.950				-.2370	-.2800	-.5150	
.953			-.2280				

DATE 20 SEP 78 TABULATED PRESSURE DATA - IA9A

AMES 11-707 IA9 02A + S3 + T9 LOWER WING (RBMLD3)

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (3) = 1.102 BETAT (3) = -4.080

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.965	-.2150						

MACH (3) = 1.100 BETAT (4) = -2.030

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.2190	-.3570	.3610	.5380	.4660	.3920	.3970
.080				-.2160	-.4530	-.7410	-.6960
.081			.1140				
.086		.0010					
.094	-.2130						
.150				-.0200	-.2540	-.2650	-.4700
.177			.0640				
.229	-.0870						
.246		.1810					
.250				-.0790	-.1420	-.2120	-.3590
.362	.2170						
.400				-.1370	-.1430		-.1810
.402			-.1230				
.497	.1610						
.550				-.2170	-.2970		
.565			-.2230				-.2530
.600						-.3290	
.650					-.4340		
.700	-.2630						
.725				-.4500			
.750						-.4260	-.4270
.760			-.4750				
.775				-.4820	-.5160		
.806			-.4330				
.834	-.4400						
.850				-.5400	-.5760	-.5540	
.857			-.5830				
.865	-.5170						
.900	-.3930			-.2310			-.4640
.905			-.2820				
.950				-.2360	-.2640	-.5800	
.953			-.2220				
.965	-.2290						

MACH (3) = 1.099 BETAT (5) = .020

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.2640	-.3640	.3430	.4900	.4060	.3180	.3350
.050				-.2410	-.4910	-.7750	-.7390
.081			.0960				
.086		.0270					
.094	-.2170						

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A

AMES 11-707 IA9 CBA + S3 + T9 LOWER WING (RBWL03)

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (3) = 1.099 BETAT (5) = .020

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.150				-.0690	-.3050	-.3220	-.5350
.177			.0220				
.229	-.0090						
.246		.1500					
.250				-.1220	-.1720	-.2630	-.4250
.362	.1700						
.400				-.1770	-.1750		-.2200
.402			-.1650				
.497	.0950						
.550				-.2690	-.3360		
.565			-.2670				
.600							-.2670
.650						-.3740	
.700	-.3050				-.4520		
.725				-.4580			
.750						-.4450	-.4420
.760			-.4910				
.775				-.4920	-.5320		
.808			-.4750				
.834	-.4750						
.850				-.5100	-.5900	-.5650	
.857			-.5970				
.865	-.4070						
.900	-.3890			-.2360			-.4860
.905			-.2760				
.950				-.2370	-.2780	-.4260	
.953			-.2280				
.965	-.2200						

MACH (3) = 1.101 BETAT (6) = 2.090

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.3080	-.3690	.3200	.4510	.3520	.2480	.2660
.050				-.2410	-.4960	-.7990	-.7370
.081			.0930				
.086		.0340					
.094	-.2460						
.150				-.1070	-.3250	-.3630	-.5850
.177			-.0220				
.229	.0270						
.246		.1410					
.250				-.1510	-.2070	-.3260	-.5650
.362	.1530						
.400				-.2010	-.1970		-.2390
.402			-.2070				
.497	.0450						

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A

AMES 11-707 IA9 CBA + S3 + T9 LOWER WING (RBMLO3)

SECTION (1)LOWER W[illegible] DEPENDENT VARIABLE CP

MACH (3) = 1.101 BETAT (6) = 2.090

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.550				-.2980	-.3530		
.565			-.2760				-.2790
.600						-.3920	
.650					-.4560		
.700	-.2710			-.4250			
.725						-.4640	-.4390
.750							
.760			-.5060				
.775				-.4930	-.5200		
.800			-.4870				
.834	-.4490						
.850				-.5900	-.5640	-.5640	
.857			-.5110				
.865	-.3530						
.900	-.3360			-.2860			-.5010
.905			-.3710				
.950				-.2580	-.2960	-.4750	
.953			-.2010				
.965	-.2250						

MACH (3) = 1.100 BETAT (7) = 4.160

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.3530	-.4090	.2970	.3990	.2940	.1860	.1990
.050				-.2650	-.6000	-.8340	-.7870
.081			.0810				
.086		.0320					
.094	-.2650						
.150				-.1800	-.4080	-.4340	-.7000
.177			-.0680				
.229	.0320						
.246		.1220					
.250				-.2080	-.2310	-.3440	-.6850
.362	.1350						
.400				-.1940	-.2020		-.2110
.402			-.2090				
.497	-.0680						
.550				-.2670	-.3400		
.565			-.2530				
.600							-.2690
.650						-.3760	
.700	-.2330				-.4500		
.725				-.4160			
.750						-.4520	-.4370
.760			-.5150				
.775				-.5080	-.4980		

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A

AMES 11-707 IA9 CEA + S3 + T9 LOWER WING (RBMLD3)

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (3) = 1.100 BETAT (7) = 4.160

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.608			-.4770				
.634	-.3520						
.850				-.6060	-.5500	-.5500	
.857			-.4380				
.865	-.3260						-.4940
.900	-.3070			-.3260			
.905			-.3680				
.950				-.2700	-.2850	-.5380	
.953			-.1930				
.965	-.2430						

MACH (3) = 1.105 BETAT (8) = 6.240

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.4110	-.4040	.2870	.3840	.2580	.1180	.1290
.050				-.2400	-.5200	-.8530	-.6950
.081			.0840				
.086		.0170					
.094	-.2830						
.150				-.1380	-.2640	-.4220	-.7360
.177			-.0420				
.229	-.0100						
.246		.1120					
.250				-.1530	-.2340	-.4300	-.6970
.362	.1140						
.400				-.1770	-.1980		-.0880
.402			-.1710				
.497	-.0520						
.550				-.2450	-.3160		
.565			-.2290				
.600							-.2860
.650						-.3520	
.700	-.2030				-.4410		
.725				-.4270			
.750						-.4370	-.4240
.760			-.4870				
.775				-.4990	-.5060		
.808			-.3930				
.834	-.3020						
.850				-.5700	-.5570	-.5519	
.857			-.4110				
.865	-.3160						
.900	-.3080			-.5200			-.4895
.905			-.3850				
.950				-.2190	-.3060	-.5630	
.953			-.2390				

DATE 20 SEP 73 TABULATED PRESSURE DATA - 1A9A (RBML03)

AMES 11-707 1A3 ORA + S3 + T9 LOWER WING

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (3) = 1.103 BETAT (8) = 6.240

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.965	-.2600						

MACH (3) = 1.101 BETAT (9) = 7.800

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.4580	-.3870	.2900	.3620	.2230	.0740	.0840
.050				-.1850	-.4770	-.8710	-.6910
.081			.0940				
.086		.0220					
.094	-.2920						
.150				-.1150	-.2120	-.4300	-.7360
.177			.0040				
.229	-.0160						
.246		.1080					
.250				-.1720	-.2470	-.3270	-.7010
.362	.0900						
.400				-.1990	-.2220		-.0710
.402			-.1850				
.497	.0340						
.550				-.2670	-.3320		
.565			-.2570				
.600							-.3020
.650						-.3820	
.700	-.2340				-.4560		
.725				-.4520			
.750						-.4580	-.4340
.760			-.4660				
.775				-.5090	-.5120		
.808			-.3640				
.834	-.2920						
.850				-.5070	-.5710	-.5630	
.857			-.3540				
.865	-.2960						
.900	-.2830			-.4450			-.4960
.905			-.3310				
.950				-.2120	-.3000	-.3290	
.953			-.2650				
.965	-.2670						

MACH (4) = 1.248 BETAT (1) = -8.130

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	.0070	-.0650	.2950	.6740	.6410	.6150	.5910
.050				-.3770	-.3830	-.4550	-.3860
.081			.1530				
.086		-.0780					
.094	-.0480						

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A

AMES 11-707 IA9 OEA + S3 + T9 LOWER WING (RBWL03)

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (4) = 1.248 BETAT (1) = -8.130

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.150				.1430	-.2060	-.0690	-.3620
.177			.0580				
.229	-.0480						
.246		.0260					
.250				.1270	.1620	-.0150	-.2770
.362	-.0330						
.400				.1280	.1010		.0000
.402			.1160				
.497	.3190						
.550				.0130	-.0990		
.565			.0190				
.600							-.0550
.650						-.1510	
.700	.0070				-.2220		
.725				-.2090			
.750						-.2290	-.2370
.760			-.2370				
.775				-.2760	-.2930		
.808			-.2430				
.834	-.1900						
.850				-.3400	-.3500	-.3480	
.857			-.3620				
.865	-.3690						
.900	-.4740			-.3720			-.3030
.905			-.4820				
.950				-.4440	-.4320	-.4180	
.953			-.5060				
.965	-.3940						

MACH (4) = 1.249 BETAT (2) = -6.080

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.0310	-.1270	.1990	.6090	.5770	.5430	.5390
.050				-.4400	-.4640	-.4700	-.4090
.081			-.0350				
.086		-.1320					
.094	-.0890						
.150				-.0680	-.2630	-.1170	-.4070
.177			.0060				
.229	-.1060						
.246		-.0350					
.250				.1100	.0900	-.0580	-.3360
.362	-.0650						
.400				.0780	.0740		-.0590
.402			.0740				
.497	.2630						

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A

AMES 11-707 IA9 OEA + S3 + T9 LOWER WING (RBMLO3)

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (4) = 1.249 BETAT (2) = -6.080

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.550				-.0220	-.1260		
.565			-.0140				
.600							-.0830
.650						-.1690	
.700	-.0290				-.2460		
.725				-.2310			
.750						-.2490	-.2500
.760			-.2700				
.775				-.3060	-.3120		
.808			-.2540				
.834	-.2120						
.850				-.3770	-.3690	-.3600	
.857			-.3770				
.865	-.3840						
.900	-.4850			-.3960			-.3140
.905			-.5040				
.950				-.4700	-.4460	-.4330	
.953			-.5270				
.965	-.3530						

MACH (4) = 1.245 BETAT (3) = -4.050

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.0810	-.1690	.1370	.5400	.5170	.4960	.4830
.050				-.4870	-.4010	-.4980	-.4620
.081			-.1110				
.086		-.1570					
.094	-.1330						
.150				-.0850	-.3500	-.1740	-.4620
.177			.0270				
.229	-.1540						
.246		-.0830					
.250				.0770	.0220	-.1160	-.3800
.362	-.0910						
.400				.0150	.0310		-.0470
.402			.1270				
.497	.2240						
.550				-.0660	-.1720		
.565			-.0590				
.600							-.1240
.650						-.2210	
.700	-.0810				-.2720		
.725				-.2680			
.750						-.2720	-.2930
.760			-.3170				
.775				-.3360	-.3480		

AMES 11-707 IA9 CBA + S3 + T9 LOWER WING (RBMLS3)

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (4) = 1.245 BETAT (3) = -4.050

Y/BW / X/CW	.299	.364	.427	.534	.673	.780	.887
.808			-.2940				
.834	-.2520						
.850				-.4100	-.3950	-.3850	
.857			-.3980				
.865	-.4160						
.900	-.5060			-.4350			-.3370
.905			-.5240				
.950				-.4920	-.4730	-.4600	
.953			-.3400				
.985	-.3590						

MACH (4) = 1.246 BETAT (4) = -2.020

Y/BW / X/CW	.299	.364	.427	.534	.673	.780	.887
.000	-.1150	-.1980	.0810	.4730	.4730	.4420	.4250
.050				-.4950	-.3610	-.5380	-.4920
.081			-.0910				
.086		-.1770					
.094	-.1570						
.150				.1250	-.3610	-.2060	-.4790
.177			.0160				
.229	-.1710						
.246		-.0940					
.250				.0130	-.1130	-.1630	-.3970
.362	-.1030						
.400				-.0270	-.0100		-.0590
.402			-.0230				
.497	.1860						
.550				-.1300	-.1960		
.565			-.1120				
.600							-.[illegible]
.650						-.2430	
.700	-.1240				-.3[illegible]		
.725				-.3010			
.750						-.3[illegible]	-.3[illegible]
.760			-.3530				
.775				-.3640	-.3710		
.808			-.3370				
.834	-.2840						
.850				-.4450	-.4230	-.4170	
.857			-.4260				
.865	-.4370						
.900	-.4490			-.4730			-.3740
.905			-.5410				
.950				-.5160	-.5[illegible]	-.4750	
.953			-.3850				

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A (RBML03)

AMES 11-707 IA9 02A + S3 + T9 LOWER WING

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (4) = 1.246 BETAT (4) = -2.020

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.965	-.3790						

MACH (4) = 1.247 BETAT (5) = 2.080

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.2010	-.2140	-.0240	.4090	.3830	.3170	.3100
.050				-.4010	-.4540	-.5760	-.5540
.081			-.0020				
.086		-.2180					
.094	-.1810						
.150				-.0340	-.3670	-.2920	-.5370
.177			.0090				
.229	-.1910						
.246		.0210					
.250				-.1010	-.0910	-.2310	-.4640
.362	-.0250						
.400				-.1250	-.1070		-.2100
.402			-.1030				
.497	.0640						
.550				-.2160	-.2600		
.565			-.2120				
.600							-.2090
.650						-.2810	
.700	-.2140				-.3790		
.725				-.3580			
.750						-.3710	-.3560
.760			-.3740				
.775				-.4050	-.4400		
.808			-.3640				
.834	-.3230						
.850				-.4740	-.4740	-.4630	
.857			-.4790				
.865	-.4480						
.900	-.3140			-.5020			-.4130
.905			-.5700				
.950				-.4020	-.5360	-.5380	
.953			-.3510				
.965	-.3060						

MACH (4) = 1.247 BETAT (6) = 4.140

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.2530	-.2340	-.0030	.3940	.3420	.2710	.2600
.050				-.3040	-.4820	-.6070	-.5830
.081			-.0250				
.086		-.2360					
.094	-.1940						

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A (RBMLO3)

AMES 11-7D7 IA9 C2A + S3 + T9 LOWER WING

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (4) = 1.247 BETAT (6) = 4.140

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.150				-.1000	-.3050	-.3520	-.5560
.177			.0300				
.229	-.1960						
.246		.0750					
.250				-.1570	-.1930	-.2860	-.4890
.362	.0470						
.400				-.1400	-.1470		-.2260
.402			-.1340				
.497	-.0150						
.550				-.2310	-.2810		
.565			-.1990				
.600							-.1930
.650						-.2810	
.700	-.2080				-.3830		
.725				-.3390			
.750						-.3620	-.3380
.760			-.3620				
.775				-.3920	-.4300		
.808			-.3760				
.834	-.3040						
.850				-.4680	-.4570	-.4450	
.857			-.4730				
.865	-.2830						
.900	-.2530			-.5130			-.3980
.905			-.4010				
.950				-.2380	-.4890	-.5060	
.953			-.2880				
.965	-.2200						

MACH (4) = 1.248 BETAT (7) = 6.190

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.100	-.3260	-.2360	.0450	.3890	.3520	.2640	.2290
.050				-.2710	-.4700	-.6020	-.5900
.101			.0100				
.106		-.2380					
.094	-.2110						
.150				-.1290	-.2380	-.3500	-.5750
.177			.0300				
.229	-.2240						
.246		.0230					
.250				-.1840	-.2000	-.2810	-.4860
.362	.0040						
.400				-.0760	-.0890		-.1980
.402			-.1100				
.497	-.0640						

DATE 25 SEP 73 TABULATED PRESSURE DATA - IA9A

AMES 11-707 IA9 CBA + S3 + T9 LOWER WING (RBMLO3)

SECTION (1)LOWER WING DEPENDENT VARIABLE C^p

MACH (4) = 1.248 BETAT (7) = 6.190

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.550				-.2010	-.2590		
.565			-.1860				-.2090
.600						-.2930	
.650					-.3430		
.700	-.1740			-.3030			
.725						-.3630	-.3500
.750							
.760			-.3650				
.775				-.3920	-.4000		
.808			-.3990				
.834	-.2810						
.850				-.4890	-.4470	-.4490	
.857			-.4540				
.865	-.3140						
.900	-.3010			-.5320			-.3990
.905			-.4330				
.950				-.4510	-.5210	-.4950	
.953			-.3470				
.965	-.2640						

MACH (4) = 1.251 BETAT (8) = 8.250

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.3770	-.2600	.1360	.4150	.2840	.1770	.1520
.050				-.2210	-.5060	-.5980	-.5640
.061			.1290				
.066		-.2130					
.094	-.2230						
.150				-.1530	-.1920	-.3400	-.5620
.177			.0150				
.229	-.2290						
.246		.1210					
.250				-.1320	-.1810	-.3470	-.5100
.362	-.0050						
.400				-.1620	-.1610		-.0260
.402			-.1700				
.497	-.0230						
.550				-.2130	-.2690		
.565			-.2080				
.600							-.2300
.650						-.3020	
.700	-.2100				-.3740		
.725				-.3690			
.750						-.3710	-.3590
.760			-.4260				
.775				-.4230	-.4390		

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A (RBMLDS)

AMES 11-707 IA9 ORA + S3 + T9 LOWER WING

DEPENDENT VARIABLE CP

SECTION (1)LOWER WING

MACH (4) = 1.251 BETAT (8) = 8.250

Y/BW	.299	.364	.427	.534	.675	.780	.887
X/CW							
.808			-.4100				
.834	-.2620				-.5060	-.4720	-.4610
.850			-.3960				
.857							-.4110
.865	-.2780			-.5280			
.900	-.2620		-.3380				
.905				-.3250	-.5280	-.5190	
.930			-.2980				
.953							
.965	-.2240						

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A (RBMLD4) (27 APR 73)

AMES 11-7D7 IA9 O2A + S3 + T9 LOWER WING

REFERENCE DATA

SREF = 2.4210 SQ.FT. XMRP = 28.5300 INCHES
LREF = 39.8490 INCHES YMRP = .0000 INCHES
BREF = 39.8490 INCHES ZMRP = .0000 INCHES
SCALE = .0300 SCALE

PARAMETRIC DATA

ALPHAT = -6.000 ORBINC = .500
RUDDER = .000 ELEVON = .000
RUDFLR = .000

SECTION (1)LOWER WING

DEPENDENT VARIABLE CP

MACH (1) = .998 BETAT (1) = -8.080

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	.0020	-.0080	.3400	.4930	.4340	.3520	.3500
.050				-.2460	-.3550	-.4310	-.7330
.061			-.0820				
.066		.0310					
.094	-.0260			-.1300	-.1920	-.2240	-.2290
.150			-.0690				
.177							
.229	.0490						
.246		.0340		-.1870	-.1660	-.1730	-.1730
.250							
.362	.0920			-.1790	-.1690		-.1900
.400							
.402			-.2040				
.497	-.0130			-.3040	-.3170		
.550							
.565			-.3270				-.2550
.600						-.2560	
.650					-.3130		
.700	-.3330			-.3140			
.725						-.2360	-.2500
.750							
.760			-.3680				
.775				-.2640	-.2490		
.808			-.2550				
.834	-.3190			-.2020	-.1660	-.1540	
.850							
.857			-.2140				
.865	-.2620			-.1080			-.0870
.900	-.1780						
.905			-.1270				
.950				.0220	.0370	.0290	
.953			-.0020				
.965	-.0290						

MACH (1) = .997 BETAT (2) = -6.040

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.0090	-.0280	.3050	.4400	.3740	.2880	.2830
.050				-.2960	-.3950	-.4670	-.7080
.061			-.0920				
.066		.0120					
.094	-.0300						

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A

AMES 11-7D7 IA9 CBA + S3 + T9 LOWER WING (RBMLO4)

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (1) = .397 BETAT (2) = -8.040

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.150				-.1610	-.2190	-.2450	-.2560
.177			-.1140				
.229	.0300						
.246		.0050					
.250				-.2080	-.1950	-.1900	-.1940
.362	.0880						
.400				-.1870	-.2020		-.2040
.402			-.2160				
.497	-.0460						
.550				-.3070	-.3150		
.565			-.3270				
.600							-.2560
.650						-.2650	
.700	-.3220				-.3130		
.725				-.3160			
.750						-.2390	-.2510
.760			-.3620				
.775				-.2650	-.2540		
.808			-.2460				
.834	-.2980						
.850				-.2040	-.1680	-.1600	
.857			-.2040				
.865	-.2380						
.900	-.1750			-.1130			-.0850
.905			-.1200				
.950				.0220	.0360	.0240	
.953			-.0040				
.965	-.0620						

MACH (1) = .599 BETAT (3) = -4.020

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.0310	-.0630	.2670	.3780	.3110	.2060	.2050
.050				-.3370	-.4280	-.5160	-.6550
.081			-.1240				
.086		-.0060					
.094	-.0380						
.150				-.1900	-.2490	-.2790	-.2810
.177			-.1430				
.229	.0190						
.246		-.0180					
.250				-.2340	-.2110	-.2170	-.2110
.362	.0470						
.400				-.2070	-.2110		-.2140
.402			-.2280				
.497	-.0780						

DATE 20 SEP 79 TABULATED PRESSURE DATA - IA9A

AMES 11-7ft I49 O2A + S3 + T9 LOWER WING (RBMLD4)

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (1) = .599 BETAT (3) = -4.020

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.550				-.3120	-.3160		
.565			-.3230				-.2560
.600						-.2790	
.650					-.3140		
.700	-.3160			-.3110			
.725						-.2440	-.2520
.750			-.3460				
.760				-.2600	-.2590		
.775			-.2500				
.308							
.334	-.2730			-.2090	-.1790	-.1620	
.350			-.2010				
.357							
.365	-.2250			-.1090			-.0890
.300	-.1560		-.1130				
.305				.0290	.0920	.0250	
.950			-.0010				
.953							
.965	-.0590						

MACH (1) = .999 BETAT (4) = -2.000

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.0420	-.0620	.2290	.3180	.2570	.1220	.1230
.050				-.3900	-.4750	-.5670	-.6190
.061			-.1570				
.088		-.0270					
.094	-.0410						
.150				-.2220	-.2790	-.2930	-.3170
.177			-.1760				
.229	.0020						
.246		-.0460					
.250				-.2560	-.2400	-.2370	-.2320
.362	.0190						
.400				-.2090	-.2260		-.2260
.402			-.2470				
.497	-.1140						
.550				-.3140	-.3330		
.565			-.3230				
.600							-.2660
.650						-.2800	
.700	-.3170				-.3240		
.725				-.3130			
.750						-.2500	-.2540
.760			-.3360				
.775				-.2550	-.2630		

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A (RBWL04)

AMES 11-707 IA9 CBA + S3 + T9 LOWER WING

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (1) = .599 BETAT (4) = -2.000

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.808			-.2240				
.834	-.2550						
.850				-.2000	-.1750	-.1700	
.857			-.1890				
.865	-.2040						
.900	-.1480			-.1050			-.0960
.905			-.1090				
.950				.0240	.0900	.0820	
.953			.0040				
.965	-.0590						

MACH (1) = .800 BETAT (5) = .080

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.0430	-.0690	.2060	.2650	.1700	.0820	.0600
.050				-.4240	-.5080	-.5980	-.6180
.081			-.1640				
.086		-.0920					
.094	-.0960						
.150				-.2410	-.2960	-.3090	-.3320
.177			-.1950				
.229	-.0080						
.246		-.0570					
.250				-.2740	-.2500	-.2450	-.2480
.362	.0020						
.400				-.2200	-.2540		-.2240
.402			-.2540				
.497	-.1450						
.550				-.3160	-.3340		
.565			-.3140				
.600							-.2620
.650						-.2800	
.700	-.3060				-.3240		
.725				-.3030			
.750						-.2440	-.2550
.760			-.3130				
.775				-.2470	-.2550		
.808			-.2090				
.834	-.2490						
.850				-.1910	-.1690	-.1630	
.857			-.1730				
.865	-.1820						
.900	-.1310			-.0910			-.0940
.905			-.0870				
.950				.0310	.0280	.0260	
.953			.0150				

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A (RB9_04)

AMES 11-707 IA9 C2A + S3 + T9 LOWER WING

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (1) = .600 BETAT (5) = .020

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.965	-.0450						

MACH (1) = .599 BETAT (6) = 2.060

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.0520	-.0740	.1780	.2160	.1160	.0030	.0000
.050				-.4360	-.5300	-.6240	-.6200
.081			-.1790				
.086		-.0390					
.094	-.0380						
.150				-.2470	-.3010	-.3110	-.3570
.177			-.2100				
.229	-.0120						
.246		-.0680					
.250				-.2850	-.2600	-.2490	-.2570
.362	-.0180						
.400				-.2210	-.2570		-.2210
.402			-.2550				
.497	-.1700						
.550				-.3070	-.3280		
.565			-.2980				
.600							-.2550
.650						-.2720	
.700	-.2820				-.3210		
.725				-.2940			
.750						-.2430	-.2480
.760			-.3020				
.775				-.2400	-.2590		
.808			-.1960				
.834	-.2080						
.850				-.1860	-.1720	-.1610	
.857			-.1630				
.865	-.1740						
.900	-.1320			-.0890			-.0940
.905			-.0900				
.950				.0270	.0250	.0240	
.953			.0030				
.965	-.0790						

MACH (1) = .599 BETAT (7) = 4.090

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.0540	-.0700	.1650	.1950	.1110	.0110	.0050
.050				-.4160	-.5040	-.5780	-.5970
.081			-.1580				
.086		-.0400					
.094	-.0320						

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A

AMES 11-7D7 IA9 OEA + S3 + T9 LOWER WING (RBMLS4)

SECTION : 1)LOWER WING DEPENDENT VARIABLE CP

MACH (1) = .599 BETAT (7) = 4.090

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.150				-.2350	-.2700	-.2890	-.3260
.177			-.1940				
.229	-.0130						
.246		-.0610					
.250				-.2800	-.2420	-.2320	-.2290
.362	-.0200						
.400				-.1950	-.2190		-.2090
.402			-.2220				
.497	-.1610						
.550				-.2740	-.3080		
.565			-.2570				
.600							-.2480
.650						-.2850	
.700	-.2220				-.3070		
.725				-.2710			
.750						-.2400	-.2400
.760			-.2570				
.775				-.2230	-.2510		
.808			-.1760				
.834	-.1590						
.850				-.1720	-.1710	-.1600	
.857			-.1440				
.865	-.1530						
.900	-.1430			-.0820			-.0920
.905			-.0880				
.950				.0210	.0200	.0210	
.953			-.0270				
.965	-.1290						

MACH (1) = .600 BETAT (8) = 6.120

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.0600	-.0340	.1680	.1880	.0950	-.0250	-.0330
.050				-.3820	-.4750	-.5640	-.5980
.081			-.1330				
.086		-.0590					
.094	-.0340						
.150				-.2200	-.2610	-.2820	-.3080
.177			-.1820				
.229	-.0180						
.246		-.0550					
.250				-.2460	-.2340	-.2360	-.2240
.362	-.0330						
.400				-.1850	-.2150		-.2060
.402			-.2030				
.497	-.1580						

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A (RBMLD4)

AMES 11-7D7 IA9 O2A + S3 + T9 LOWER WING

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (1) = .600 BETAT (8) = 6.120

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.550				-.2700	-.3050		
.565			-.2390				-.2430
.600						-.2580	
.650					-.3100		
.700	-.2090			-.2720			
.725						-.2420	-.2390
.750							
.760			-.2820				
.775				-.2420	-.2560		
.808			-.1860				
.834	-.1850			-.2020	-.1800	-.1610	
.850							
.857			-.1700				
.865	-.1930			-.1140			-.0910
.900	-.1890						
.905			-.1300				
.950				-.0160	.0100	.0150	
.953			-.0900				
.965	-.1710						

MACH (1) = .801 BETAT (9) = 8.160

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.0740	-.0560	.1640	.1780	.0600	-.0500	-.0560
.050				-.3550	-.4440	-.5390	-.5790
.081			-.0990				
.086		-.0340					
.094	-.0460			-.2120	-.2480	-.2810	-.2940
.150							
.177			-.1560				
.229	-.0420						
.246		-.0460		-.2460	-.2340	-.2360	-.2160
.250							
.362	-.0430			-.1910	-.2220		-.2120
.400			-.2070				
.402							
.497	-.1380			-.2840	-.3200		
.550							
.565			-.2790				-.2530
.600						-.2860	
.650					-.3370		
.700	-.2570			-.3200			
.725						-.2630	-.2480
.750							
.760			-.3380				
.775				-.2890	-.2880		

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A (RBNL04)

AMES 11-7DT IA9 CBA + S3 + T9 LOWER WING

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (1) = .801 BETAT (9) = 0.160

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.808			-.2110				
.834	-.2660			-.2640	-.2190	-.1880	
.850							
.857			-.2160				
.865	-.2480			-.1740			-.1050
.900	-.2340						
.905			-.2070	-.0690	-.0860	-.0050	
.950							
.953			-.1870				
.985	-.2240						

MACH (2) = .899 BETAT (1) = -0.160

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.008	.0190	.0270	.4490	.6190	.5540	.5070	.4680
.050				-.1210	-.2930	-.7290	-.5940
.061			.0930				
.086		.1030					
.094	.0050			-.0090	-.1350	-.1610	-.2780
.150							
.177			.0550				
.229	.1070						
.246		.1610		-.1050	-.1130	-.1280	-.1790
.290							
.362	.2160			-.0770	-.1420		-.2330
.400							
.402			-.1040				
.497	.1420			-.2480	-.3910		
.550							
.565			-.2360				-.4170
.600						-.4470	
.650					-.5720		
.700	-.1740			-.5660			
.725						-.5650	-.5415
.750							
.760			-.7700				
.775				-.6910	-.6370		
.808			-.4440				
.834	-.4330			-.1670	-.1430	-.1090	
.850							
.857			-.1770				
.865	-.4120			-.0510			-.0220
.900	-.2270						
.905			-.0630	.0390	.0520	.0880	
.950							
.953			.0230				

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A

AMES 11-707 IA9 O2A + S3 + T9 LOWER WING (RBNL64)

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (2) = .899 BETAT (1) = -8.160

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.965	-.0480						

MACH (2) = .897 BETAT (2) = -6.100

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	.0110	.0040	.4110	.5730	.5020	.4440	.4070
.050				-.1700	-.3660	-.8690	-.5940
.081			.0580				
.086		.0800					
.094	-.0010						
.150				-.0530	-.1900	-.2050	-.3440
.177			.0120				
.229	.0890						
.246		.1320					
.250				-.1580	-.1560	-.1700	-.2300
.362	.1860						
.400				-.1100	-.1720		-.2530
.402			-.1510				
.497	.0960						
.550				-.2670	-.4130		
.565			-.2630				
.600							-.4280
.650						-.4750	
.700	-.2050				-.5880		
.725				-.5840			
.750						-.5860	-.5420
.760			-.7110				
.775				-.5800	-.6380		
.808			-.3610				
.834	-.3120						
.850				-.1350	-.1150	-.0800	
.857			-.1710				
.865	-.3940						
.900	-.2040			-.0260			-.0190
.905			-.0560				
.950				.0680	.0750	.1020	
.953			.0390				
.965	-.0440						

MACH (2) = .902 BETAT (3) = -4.070

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	.0050	-.0200	.3720	.5220	.4390	.3720	.3370
.050				-.2170	-.4110	-.9440	-.6180
.081			.0270				
.086		.0600					
.094	-.0420						

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A (FBMLS4)

AMES 11-707 IA9 CBA + S3 + T9 LOWER WING

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (2) = .902 BETAT (3) = -4.070

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.150				-.0940	-.2650	-.2210	-.4140
.177			-.0310				
.229	.0780						
.246		.1030					
.250				-.2080	-.1970	-.2170	-.2920
.362	.1630						
.400				-.1380	-.2150		-.2880
.402			-.2080				
.497	.0510						
.550				-.2950	-.4250		
.565			-.2870				
.600							-.4440
.650						-.4870	
.700	-.2210				-.5960		
.725				-.5960			
.750						-.5950	-.5280
.760			-.5650				
.775				-.4870	-.6140		
.808			-.3710				
.834	-.2810						
.850				-.1380	-.1080	-.0750	
.857			-.1690				
.865	-.3720						-.0630
.900	-.2020			-.0230			
.905			-.0510				
.950				.0670	.0760	.0960	
.953			.0480				
.965	-.0530						

MACH (2) = .900 BETAT (4) = -2.030

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.140	.0020	-.0180	.3430	.4710	.3810	.3020	.2690
.150				-.2670	-.4540	-1.1820	-.6250
.181			.0020				
.186		.0500					
.194	.0460						
.150				-.1290	-.3070	-.3170	-.3760
.177			-.0660				
.229	.0700						
.246		.0860					
.250				-.2540	-.3040	-.2220	-.3990
.362	.1450						
.400				-.1620	-.2240		-.2790
.402			-.2740				
.497	.0080						

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A

AMES 11-707 IA9 CBA + S3 + T9 LOWER WING (RBMLD4)

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (2) = .900 BETAT (4) = -2.030

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.550				-.3160	-.4420		
.565			-.2940				-.4430
.600						-.5000	
.650					-.6070		
.700	-.2350			-.6090			
.725						-.6040	-.4320
.750							
.760			-.4750				
.775				-.3800	-.5190		
.808			-.3400				
.834	-.2620						
.850				-.1300	-.0890	-.0570	
.857			-.1570				
.865	-.3150						
.900	-.1920			-.0140			.0100
.905			-.0450				
.950				.0700	.0970	.1070	
.953			.0470				
.965	-.0550						

MACH (2) = .900 BETAT (5) = 2.080

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.0050	-.0100	.2840	.3730	.2660	.1670	.1470
.050				-.3370	-.5160	-1.1350	-.7070
.081			-.0300				
.086		.0390					
.094	.0240						
.150				-.1890	-.3750	-.4200	-.5800
.177			-.1280				
.229	.0630						
.246		.0550					
.250				-.3150	-.3410	-.2890	-.5500
.362	.0950						
.400				-.2220	-.2400		-.2290
.402			-.2860				
.497	-.0880						
.550				-.0240	-.4670		
.585			-.3000				
.600							-.4600
.650						-.5230	
.700	-.2500				-.6160		
.725				-.5620			
.750						-.4970	-.2390
.760			-.4190				
.775				-.3190	-.3920		

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A (RBML04)

AMES 11-7D7 IA9 OBA + S3 + T9 LOWER WING

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (2) = .902 BETAT (5) = 2.080

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.808			-.2690				
.834	-.2430						
.850				-.1130	-.0820	-.0450	
.857			-.1690				
.865	-.2600						
.900	-.1900			-.0130			.0260
.905			-.0820				
.950				.0430	.0840	.1100	
.953			.0000				
.965	-.1100						

MACH (2) = .909 BETAT (6) = 4.140

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.0050	-.0040	.2620	.3310	.2160	.1210	.1030
.050				-.3590	-.5360	-1.0930	-.6340
.081			-.0470				
.086		.0340					
.094	.0250			-.1910	-.3840	-.3760	-.6880
.150							
.177			-.1510				
.229	.0540						
.246		.0330		-.3050	-.3080	-.2660	-.5280
.250							
.362	.0750			-.1840	-.2420		-.2130
.400							
.402			-.2590				
.497	-.1250			-.3190	-.4760		
.550							
.565			-.2830				-.4860
.600						-.5440	
.650					-.6140		
.700	-.2250			-.5210			
.725						-.4270	-.2340
.750							
.760			-.3950				
.775				-.2960	-.3210		
.808			-.2720				
.834	-.2120						
.850				-.1270	-.0800	-.0530	
.857			-.1740				
.865	-.2150						
.900	-.2040			-.0300			.0180
.905			-.1090				
.950				.0310	.0780	.1010	
.953			-.0600				

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A (RBNL04)

AMES 11-707 IA3 C2A + S3 + T9 LOWER WING

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (2) = .903 BETAT (6) = 4.140

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.965	-.1710						

MACH (2) = .900 BETAT (7) = 6.190

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.0120	.0120	.2510	.3040	.1730	.0610	.0500
.050				-.3380	-.5290	-1.0770	-.5930
.081			-.0360				
.086		.0360					
.094	.0270			-.1920	-.3430	-.3540	-.7640
.150							
.177			-.1400				
.229	.0540						
.246		.0260		-.2910	-.2830	-.2830	-.4820
.250							
.362	.0560			-.1760	-.2550		-.2320
.400							
.402			-.2330				
.497	-.1270			-.3150	-.4780		
.550							
.565			-.2750				-.4960
.600						-.5500	
.650					-.5970		
.700	-.2160			-.5310			
.725						-.4220	-.1920
.750							
.760			-.4610				
.775				-.4160	-.3890		
.808			-.3460				
.834	-.2620						
.850				-.2110	-.1120	-.0730	
.857			-.2490				
.865	-.2820						.0100
.900	-.2520			-.0940			
.905			-.1720				
.950				.0190	.0600	.0960	
.953			-.1100				
.965	-.2040						

MACH (2) = .898 BETAT (8) = 8.240

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.0110	.0290	.2540	.2940	.1320	.0370	.0360
.050				-.2620	-.4530	-.9920	-.6020
.081			.0010				
.086		.0440					
.094	.0240						

DATE 30 SEP 75 TABULATED PRESSURE DATA - IA9A (BBNL04)

AMES 11-707 IA9 CBA + S3 + T9 LOWER WING

DEPENDENT VARIABLE CP

SECTION (1)LOWER WING

MACH (2) = .898 BETAT (8) = 0.240

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.150				-.1630	-.2910	-.2960	-.7040
.177			-.1020				
.229	.0280						
.246		.0320					
.250				-.2390	-.2480	-.2770	-.4070
.362	.0640						
.400				-.1710	-.2650		-.2440
.402			-.2380				
.497	-.0720						
.550				-.3130	-.4710		
.565			-.2980				
.600							-.5170
.650						-.5460	
.700	-.2410				-.5760		
.725				-.5100			
.750						-.5860	-.3200
.760			-.4010				
.775				-.4570	-.5630		
.808			-.3200				
.834	-.2720						
.850				-.3050	-.1650	-.1140	
.857			-.2900				
.865	-.2680						
.900	-.2550			-.1830			-.0250
.905			-.2610				
.950				-.0930	.0120	.0350	
.953			-.2170				
.965	-.2570						

MACH (3) = 1.100 BETAT (1) = -8.190

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.1110	-.1720	.5330	.7330	.6750	.6490	.6170
.050				-.0270	-.1530	-.5110	-.4110
.081			.2280				
.086		-.0460					
.094	-.1740			.1740	.0330	-.0140	-.1340
.150			.2060				
.177							
.229	-.0770						
.246		.2730		.0660	.0080	.0400	-.0240
.250							
.362	.3090			.0650	.0360		.0070
.400			.0510				
.402							
.497	.3090						

DATE 20 SEP 75 TABULATED PRESSURE DATA - IA9A (RBML04)

AMES 11-707 IA9 OEA + S3 + T9 LOWER WING

DEPENDENT VARIABLE CP

SECTION (1)LOWER WING

MACH (3) = 1.100 BETAT (1) = -6.190

Y/BW	.299	.364	.427	.534	.675	.780	.887
X/CW							
.550				-.0700	-.1560		
.565			-.0720				
.600							-.1860
.650						-.2370	
.700	-.0880				-.3110		
.725				-.2540			
.750						-.3350	-.3740
.760			-.3680				
.775				-.3510	-.3800		
.808			-.3690				
.834	-.3690						
.850				-.4380	-.4250	-.4750	
.857			-.5490				
.865	-.5490						
.900	-.4920			-.5450			-.4240
.905			-.3190				
.950				-.3420	-.3080	-.3650	
.953			-.2500				
.965	-.2270						

MACH (3) = 1.089 BETAT (2) = -6.120

Y/BW	.299	.364	.427	.534	.675	.780	.887
X/CW							
.000	-.1470	-.1980	.4880	.6880	.6250	.5970	.5670
.050				-.0820	-.1600	-.5700	-.4580
.081			.1950				
.086		-.0410					
.094	-.1980			.1420	-.0190	-.0560	-.2030
.150							
.177			.1670				
.229	-.1070						
.246		.2440					
.250				.0260	-.0400	-.0140	-.0880
.362	.2820						
.400				.0190	-.0050		-.0110
.402			.0090				
.497	.2660						
.550				-.1060	-.1860		
.565			-.1140				
.600							-.1990
.650						-.2570	
.700	-.1230				-.3460		
.725				-.3220			
.750						-.3640	-.3690
.760			-.3860				
.775				-.3730	-.4220		

DATE 20 SEP 79 TABULATED PRESSURE DATA - IA9A

AMES 11-797 IA9 CBA + S3 + T9 LOWER WING (REWLD4)

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (3) = 1.099 BETAT (2) = -6.120

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.808			-.3850				
.834	-.3920			-.4970	-.4710	-.5010	
.850							
.857			-.3650				
.865	-.3660			-.5520			-.4430
.900	-.3790		-.2470				
.905				-.[illegible]90	-.5200	-.5450	
.950			-.2250				
.953							
.965	-.2000						

MACH (3) = 1.101 BETAT (3) = -4.080

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.1860	-.2080	.4550	.6420	.5680	.5450	.5150
.080				-.0920	-.1780	-.6080	-.5150
.081			.1710				
.086		-.0360					
.094	-.2050			.0960	-.0630	-.0960	-.2670
.150							
.177			.1300				
.229	-.1360						
.248		.2200		-.0080	-.0690	-.0790	-.1670
.250							
.362	.2540			-.0920	-.0450		-.0260
.400							
.402			-.0490				
.497	.2170			-.1550	-.2110		
.550							
.565			-.1390				-.2180
.600						-.2790	
.650					-.3750		
.700	-.1850			-.3710			
.725						-.3860	-.4070
.750							
.760			-.4150				
.775				-.4120	-.4560		
.808			-.4070				
.834	-.4120			-.5190	-.5120	-.5270	
.850							
.857			-.4450				
.865	-.5780			-.3050			-.4570
.900	-.3450						
.905			-.2100	-.2050	-.3840	-.4260	
.950							
.953			-.1970				

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A (RBNL04)

AMES 11-707 IA9 C2A + S3 + T9 LOWER WING

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (3) = 1.101 BETAT (3) = -4.080

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.965	-.1930						

MACH (3) = 1.101 BETAT (4) = -2.030

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.2260	-.2260	.4200	.5960	.5150	.4850	.4640
.050				-.1190	-.2350	-.6350	-.5580
.081			.1550				
.086		.0560					
.094	-.2030			.0360	-.0970	-.1360	-.3340
.150							
.177			.1000				
.229	-.0940						
.246		.2010		-.0480	-.1250	-.1260	-.2400
.290							
.362	.2270			-.1040	-.1010		-.0480
.400			-.1090				
.402							
.497	.1730			-.1850	-.2510		
.550							
.565			-.1970				-.2300
.600						-.3020	
.650					-.3990		
.700	-.2360			-.4040			
.725						-.4010	-.4170
.750							
.760			-.4390				
.775				-.4350	-.4880		
.808			-.4170				
.834	-.4330						
.850				-.5450	-.5420	-.5470	
.857			-.5500				
.865	-.4840						
.900	-.3750			-.2380			-.4620
.905			-.2440				
.950				-.2140	-.3120	-.4180	
.953			-.2220				
.965	-.1980						

MACH (3) = 1.099 BETAT (5) = 2.090

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.3340	-.2620	.3490	.5080	.4240	.3660	.3630
.050				-.1680	-.3500	-.6970	-.5850
.081			.1240				
.086		.0510					
.094	-.2340						

DATE 20 SEP 79 TABULATED PRESSURE DATA - IA9A

AMES 11-707 IA9 CBA + S3 + T9 LOWER WING (RBMLO4)

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (3) = 1.099 BETAT (5) = 2.090

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.150				-.0550	-.1220	-.1960	-.4120
.177			.0240				
.229	.0530						
.246		.1500					
.250				-.1050	-.1640	-.1920	-.3610
.362	.1570						
.400				-.1610	-.1560		-.0520
.402			-.1710				
.497	.0690						
.550				-.2170	-.2060		
.565			-.2510				-.2610
.600						-.3220	
.650					-.4170		
.700	-.2500			-.3650			
.725						-.4220	-.4210
.750							
.760			-.4790				
.775				-.4610	-.4710		
.800			-.4590				
.834	-.4090						
.850				-.5760	-.5150	-.5410	
.857			-.4890				
.865	-.3240						
.900	-.3080			-.2570			-.4700
.905			-.2900				
.950				-.2110	-.2850	-.4990	
.953			-.1790				
.965	-.2030						

MACH (3) = 1.098 BETAT (6) = 4.150

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.3950	-.2730	.3220	.4800	.3820	.3020	.3050
.050				-.1790	-.4370	-.7410	-.6230
.081			.1130				
.086		.0680					
.094	-.2560						
.150				-.1160	-.1820	-.2340	-.4400
.177			-.0220				
.229	.0530						
.246		.1340					
.250				-.1370	-.1800	-.2140	-.4400
.362	.1470						
.400				-.1520	-.1490		-.0220
.402			-.1620				
.497	-.0630						

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A

AMES 11-7ft IA9 O2A + S3 + T9 LOWER WING (RBMLO4)

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (3) = 1.060 BETAT (6) = 4.150

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.550				-.2310	-.2930		
.565			-.2170				-.2420
.600						-.3300	
.650					-.3670		
.700	-.1920			-.3670			
.725						-.4040	-.4200
.750							
.760			-.4900				
.775				-.4760	-.4530		
.800			-.4360				
.834	-.3070						
.850				-.5620	-.5190	-.5170	
.857			-.3970				
.865	-.2920						
.900	-.2860			-.3250			-.4590
.905			-.3650				
.950				-.2260	-.3240	-.5590	
.953			-.1960				
.965	-.2300						

MACH (3) = 1.100 BETAT (7) = 6.210

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.4870	-.2640	.3180	.4550	.3390	.2480	.2580
.050				-.1640	-.3570	-.7430	-.5760
.081			.1200				
.086		.0620					
.094	-.2850						
.150				-.0640	-.1390	-.2560	-.4880
.177			.0070				
.229	.0150						
.246		.1360					
.250				-.1360	-.2030	-.2420	-.4550
.362	.1230						
.400				-.1340	-.1500		-.0020
.412			-.1390				
.497	.0070						
.550				-.1900	-.2570		
.565			-.1910				
.600							-.2530
.650						-.3180	
.700	-.1730				-.4010		
.725				-.4000			
.750						-.4070	-.4160
.760			-.4550				
.775				-.4760	-.4620		

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A

AMES 11-707 IA9 CBA + S3 + T9 LOWER WING (RBMLD4)

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (3) = 1.100 BETAT (7) = 6.210

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.606			-.3580				
.634	-.2800						
.650				-.5030	-.5220	-.5240	
.657			-.3770				
.665	-.2850						
.900	-.2760			-.4960			-.4650
.905			-.3540				
.950				-.2250	-.2900	-.5380	
.953			-.2200				
.965	-.2580						

MACH (3) = 1.088 BETAT (8) = 8.290

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.5430	-.2110	.3180	.4350	.2980	.2000	.2050
.050				-.1220	-.3470	-.7610	-.5450
.081			.1270				
.086		.0620					
.094	-.2840						
.150				-.0650	-.1300	-.2610	-.5580
.177			.0350				
.229	-.0200						
.246		.1180					
.250				-.1270	-.2080	-.2390	-.4070
.362	.0760						
.400				-.1670	-.1570		-.0240
.402			-.1910				
.497	.0500						
.550				-.2440	-.2930		
.565			-.2580				
.600							-.2650
.650						-.3410	
.700	-.2180				-.4120		
.725				-.4060			
.750						-.4190	-.4200
.760			-.4140				
.775				-.4720	-.4760		
.800			-.3210				
.834	-.2670						
.850				-.4610	-.5350	-.5240	
.857			-.3180				
.865	-.2770						
.900	-.2610			-.4010			-.4690
.905			-.3070				
.950				-.2160	-.2680	-.3550	
.953			-.2580				

DATE 20 SEP 75 TABULATED PRESSURE DATA - IA9A (RBMLD4)

AMES 11-7D7 IA9 C2A + S3 + T9 LOWER WING

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (3) = 1.098 BETAT (8) = 8.290

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.965	-.2570						

MACH (4) = 1.248 BETAT (1) = -8.140

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	.0030	-.0150	.3190	.7030	.6870	.6970	.6460
.050				-.2820	-.1130	-.3790	-.3060
.081			.1870				
.086		-.0670					
.094	-.0500			.2720	.0040	.0020	-.2190
.150							
.177			.1640				
.229	-.0300						
.246		.0040					
.250				.1770	.0690	.0640	-.0390
.362	-.0520						
.400				.1380	.1220		.1670
.402			.1480				
.497	.3470						
.550				.0260	-.0650		
.565			.0380				
.600							-.0640
.650						-.1170	
.700	.0400				-.1850		
.725				-.1830			
.750						-.2070	-.2370
.760			-.2100				
.775				-.2370	-.2670		
.808			-.2280				
.834	-.1970						
.850				-.3110	-.3290	-.3320	
.857			-.3590				
.865	-.3700						
.900	-.4740			-.3600			-.3040
.905			-.4800				
.950				-.4440	-.4040	-.4120	
.953			-.5180				
.965	-.4420						

MACH (4) = 1.246 BETAT (2) = -6.100

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.0370	-.0780	.2400	.6520	.6310	.6330	.5960
.050				-.3460	-.1810	-.3970	-.3530
.081			-.0490				
.086		-.1300					
.094	-.0860						

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A

AMES 11-707 IA9 OBA + S3 + T9 LOWER WING (RBMLO4)

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (4) = 1.248 BETAT (2) = -6.100

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.150				.2080	-.0880	-.0490	-.2640
.177			.1560				
.229	-.1080						
.246		-.0490					
.250				.1380	.0540	.0310	-.0920
.362	-.0800						
.400				.0980	.0920		.1250
.402			.1130				
.497	.3100						
.550				-.0020	-.0690		
.565			.0050				-.0870
.600						-.1420	
.650					-.2130		
.700	-.0020			-.2040			
.725						-.2280	-.2510
.750							
.760			-.2390				
.775				-.2700	-.2890		
.808			-.2490				
.834	-.2160						
.850				-.3350	-.3500	-.3480	
.857			-.3720				
.865	-.3840						
.880	-.4880			-.3830			-.3180
.905			-.4950				
.950				-.4560	-.4300	-.4240	
.953			-.5310				
.965	-.3430						

MACH (4) = 1.244 BETAT (3) = -4.060

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.0760	-.1190	.1880	.6110	.5920	.5820	.5460
.050				-.3330	-.2310	-.4450	-.3810
.081			.0660				
.086		-.1440					
.094	-.1210						
.150				.1470	-.1050	-.0880	-.3030
.177			.1570				
.229	-.1410						
.246		-.0740					
.250				.0780	-.0040	-.0060	-.1660
.362	-.0960						
.400				.0420	.0480		.0830
.402			.0470				
.497	.2710						

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A (RBML94)

AMES 11-707 IA9 C2A + S3 + T9 LOWER WING

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (4) = 1.244 BETAT (3) = -4.060

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.550				-.0330	-.1110		
.565			-.0300				-.1110
.600						-.1460	
.650					-.2360		
.700	-.0510			-.2310			
.725						-.2430	-.2640
.750							
.760			-.2800		-.3050	-.3120	
.775							
.808			-.2630				
.834	-.2310				-.3760	-.3720	-.3660
.850							
.857			-.3900				
.865	-.3970						-.3290
.900	-.4980			-.3980			
.905			-.5110				
.950				-.4720	-.4520	-.4410	
.953			-.3580				
.965	-.3240						

MACH (4) = 1.247 BETAT (4) = -2.020

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.1230	-.1380	.1330	.5640	.5350	.52*0	.4900
.050				-.3050	-.2780	-.47.0	-.4160
.081			.1160				
.086		-.1550					
.094	-.1470						
.150				.0970	-.1310	-.1340	-.3200
.177			.1280				
.229	-.1640						
.246		-.0320					
.250				.0370	-.0110	-.0500	-.2250
.362	-.1070						
.400				-.0040	.0110		.0810
.402			-.0020				
.497	.2180						
.550				-.0900	-.1620		
.565			-.0740				-.1360
.600						-.1930	
.650					-.2580		
.700	-.1070			-.2710			
.725						-.2740	-.2980
.750							
.760			-.3180				
.775				-.3410	-.3360		

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A (RBML54)

AMES 11-707 IA9 OBA + S3 + T9 LOWER WING

DEPENDENT VARIABLE CP

SECTION (1)LOWER WING

MACH (4) = 1.247 BETAT (4) = -2.020

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.808			-.3010				
.834	-.2660						
.850				-.4090	-.3930	-.3790	
.857			-.4050				
.865	-.4250						
.900	-.4740			-.4290			-.3590
.905			-.5230				
.950				-.4860	-.4800	-.4560	
.953			-.3260				
.965	-.3530						

MACH (4) = 1.245 BETAT (5) = 2.070

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.2290	-.1700	.1300	.4900	.4330	.4560	.3850
.050				-.2350	-.3740	-.5170	-.4430
.081			.1070				
.086		-.1900					
.094	-.1870						
.150				-.0310	-.0960	-.1640	-.4150
.177			.0600				
.229	-.1890						
.246		.1240					
.255				-.0200	-.0760	-.1440	-.3140
.362	.0360						
.400				-.0750	-.0620		.0620
.402			-.0830				
.497	.1060						
.550				-.1720	-.2270		
.565			-.1680				
.600							-.1850
.650						-.2570	
.700	-.1770				-.3370		
.725				-.3210			
.750						-.3290	-.3430
.760			-.3530				
.775				-.3620	-.3950		
.808			-.3460				
.834	-.3080						
.850				-.4360	-.4360	-.4380	
.857			-.4620				
.865	-.4330						
.900	-.2940			-.4720			-.4140
.905			-.5550				
.950				-.3160	-.5080	-.5040	
.953			-.2980				

DATE 20 SEP 73 TABULATED PRESSURE DATA -.1A9A (RBML04)

AMES 11-7D7 1A9 C2A + S3 + T9 LOWER WING

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (4) = 1.245 BETAT (5) = 2.070

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.565	-.2620						

MACH (4) = 1.248 BETAT (6) = 4.120

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.2930	-.1880	.1650	.4620	.3930	.3500	.3600
.050				-.2070	-.4050	-.5480	-.4840
.081			.0820				
.086		-.2100					
.094	-.2040						
.150				-.0850	-.1240	-.2350	-.4440
.177			.0420				
.229	-.2110						
.246		.1160					
.250				-.1320	-.1480	-.1880	-.3040
.362	.0780						
.400				-.0840	-.0910		-.0130
.402			-.0890				
.497	-.0120						
.550				-.1940	-.2450		
.565			-.1760				
.600							-.1660
.650						-.2410	
.700	-.1930				-.2350		
.725				-.3200			
.750						-.3180	-.3300
.760			-.3590				
.775				-.3730	-.3640		
.808			-.3660				
.834	-.3120						
.850				-.4360	-.4090	-.3960	
.857			-.4770				
.865	-.2820						
.900	-.2490			-.4650			-.3860
.905			-.4170				
.950				-.2690	-.4860	-.4800	
.953			-.2650				
.965	-.2150						

MACH (4) = 1.245 BETAT (7) = 6.170

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.3750	-.2180	.1610	.4460	.3990	.3320	.3000
.050				-.1920	-.3940	-.5530	-.4930
.081			.0820				
.086		-.2090					
.094	-.2320						

AMES 11-707 IA9 CBA + B3 + T9 LOWER WING (RBML04)

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (4) = 1.245 BETAT (7) = 6.170

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.150				-.0570	-.0860	-.2400	-.4730
.177			.0000				
.229	-.2310						
.246		.0830					
.250				-.1030	-.1450	-.1950	-.3740
.362	.0160						
.400				-.0840	-.0960		.0470
.402			-.0630				
.497	-.0880						
.550				-.1580	-.2260		
.565			-.1350				
.600							-.2000
.650						-.2610	
.700	-.1070				-.3190		
.725				-.3170			
.750						-.3200	-.3350
.760			-.3960				
.775				-.3820	-.3750		
.808			-.3690				
.834	-.2950						
.850				-.4600	-.4310	-.4090	
.857			-.4290				
.865	-.2950						
.900	-.2790			-.4950			-.3750
.905			-.4160				
.950				-.5070	-.4900	-.4710	
.953			-.3890				
.965	-.2550						

MACH (4) = 1.245 BETAT (8) = 8.210

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.4130	-.2550	.2730	.4240	.3150	.2530	.2300
.050				-.2170	-.4040	-.5610	-.4740
.081			.0830				
.086		-.1040					
.094	-.2330						
.150				-.0810	-.0620	-.2290	-.4760
.177			.0220				
.229	-.2320						
.246		.1290					
.250				-.1080	-.1360	-.2020	-.3560
.362	.0430						
.400				-.1140	-.1200		-.0190
.402			-.1300				
.497	-.0530						

DATE 20 SEP 79 TABULATED PRESSURE DATA - IA9A (RBML04)

AMES 11-707 IA9 C2A + S3 + T9 LOWER WING

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (4) = 1.245 BETAT (8) = 8.210

Y/BW	.249	.364	.427	.534	.673	.780	.887
X/CW							
.550				-.1850	-.2500		
.565			-.1900				-.2310
.600						-.2850	
.650					-.3540		
.700	-.1930			-.3520			
.725						-.3960	-.3540
.750			-.4120				
.760				-.4110	-.4180		
.775			-.4010				
.808							
.834	-.2780			-.4850	-.4530	-.4430	
.850			-.4170				
.857							
.865	-.2780			-.5180			-.4040
.900	-.2500		-.3580				
.905				-.3520	-.5200	-.5100	
.950			-.2720				
.955							
.965	-.2110						

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A (RBMLD5) (27 APR 73)

AMES 11-7U7 IA9 CBA + S3 + T9 LOWER WING

REFERENCE DATA

SREF = 2.4210 SQ.FT. XMRP = 28.5300 INCHES
LREF = 30.8490 INCHES YMRP = .0000 INCHES
BREF = 30.8490 INCHES ZMRP = .0000 INCHES
SCALE = .0300 SCALE

PARAMETRIC DATA

ALPHAT = -4.000 ORBINC = .500
RUDDER = .000 ELEVON = .000
RUDFLR = .000

SECTION (1)LOWER WING

DEPENDENT VARIABLE CP

MACH (1) = .800 BETAT (1) = .000

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.0430	-.0150	.2520	.3900	.3350	.2080	.2060
.050				-.2820	-.3460	-.4020	-.5270
.081			-.0850				
.086		-.0140					
.094	-.0220						
.150				-.1730	-.2120	-.2110	-.2070
.177			-.1360				
.229	.0070						
.246		-.0840					
.250				-.2240	-.1950	-.1800	-.1710
.362	.0190						
.400				-.1910	-.1950		-.1970
.402			-.2280				
.457	-.1120						
.550				-.2970	-.3070		
.565			-.3080				
.600							-.2480
.650						-.2680	
.700	-.2930				-.3160		
.725				-.3020			
.750						-.2460	-.2460
.760			-.3290				
.775				-.2520	-.2600		
.808			-.2120				
.83.	-.2390						
.850				-.2010	-.1710	-.1680	
.857			-.1730				
.865	-.1840						
.900	-.1340			-.0990			-.1930
.905			-.0960				
.950				.0230	.0310	.0240	
.953			-.0020				
.965	-.0440						

MACH (1) = .900 BETAT (2) = 4.000

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.0610	-.0280	.2180	.3180	.2620	.2250	.2290
.050				-.2840	-.3460	-.3860	-.4320
.081			-.0910				
.086		-.0210					
.094	-.0260						

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A (RBNL05)

AMES 11-707 IA9 C2A + S3 + T9 LOWER WING

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (1) = .598 BETAT (2) = 4.060

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.150				-.1730	-.1960	-.2030	-.1950
.177			-.1420				
.229	.0000						
.246		-.0300					
.250				-.2140	-.1840	-.1690	-.1580
.362	.0010						
.400				-.1650	-.1820		-.1840
.402			-.1960				
.497	-.1320						
.550				-.2530	-.2840		
.565			-.2380				
.600							-.2340
.650						-.2510	
.700	-.2040				-.2870		
.725				-.2650			
.750						-.2280	-.2370
.760			-.2610				
.775				-.2200	-.2400		
.806			-.1720				
.834	-.1670						
.850				-.1760	-.1620	-.1570	
.857			-.1480				
.865	-.1400						
.900	-.1250			-.0850			-.0800
.905			-.0830				
.950				.0240	.0290	.0230	
.953			-.0120				
.965	-.1120						

MACH (1) = .599 BETAT (3) = 6.120

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.0870	-.0240	.2050	.3040	.2380	.1910	.1850
.050				-.2810	-.3240	-.3470	-.4430
.081			-.0710				
.086		-.0270					
.094	-.0280						
.150				-.1700	-.2010	-.2060	-.1930
.177			-.1340				
.229	-.0190						
.246		-.0280					
.250				-.2070	-.1810	-.1780	-.1690
.362	-.0190						
.400				-.1600	-.1620		-.1840
.402			-.1790				
.497	-.1380						

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A

AMES 11-707 IA9 CBA + S3 + T9 LOWER WING (RBMLO5)

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (1) = .599 BETAT (3) = 6.120

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.550				-.2480	-.2860		
.565			-.2390				
.600							-.2370
.650						-.2530	
.700	-.2050				-.3090		
.725				-.2690			
.750						-.2340	-.2360
.760			-.2730				
.775				-.2350	-.2520		
.800			-.1740				
.834	-.1780						
.850				-.2090	-.1830	-.1680	
.857			-.1660				
.865	-.1850						
.900	-.1740			-.1160			-.0930
.905			-.1310				
.950				-.0080	.0050	.0130	
.953			-.0760				
.965	-.1690						

MACH (1) = .599 BETAT (4) = 8.150

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.0900	-.0210	.1970	.2880	.2150	.1690	.1640
.050				-.2490	-.2940	-.2650	-.4540
.081			-.0380				
.086		-.0210					
.094	-.0350						
.150				-.1540	-.1780	-.1980	-.1980
.177			-.1040				
.229	-.0310						
.246		-.0170					
.250				-.1930	-.1810	-.1780	-.1660
.302	-.0150						
.400				-.1500	-.1850		-.1870
.402			-.1820				
.497	-.1120						
.550				-.2540	-.2920		
.565			-.2600				
.600							-.2410
.650						-.2610	
.700	-.2400				-.3130		
.725				-.2960			
.750						-.2480	-.2430
.760			-.3240				
.775				-.2760	-.2690		

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A

AMES 11-707 IA9 CEA + S3 + T9 LOWER WING (RBNL05)

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (1) = .599 BETAT (4) = 8.150

Y/BW	.299	.364	.427	.534	.675	.780	.887
X/CW							
.606			-.2210				
.634	-.2440						
.650				-.2420	-.2090	-.1780	
.657			-.2090				
.665	-.2300						
.900	-.2270			-.1610			-.0930
.905			-.1870				
.950				-.0590	-.0190	.0000	
.953			-.1730				
.965	-.2100						

MACH (2) = .903 BETAT (1) = -0.170

Y/BW	.299	.364	.427	.534	.675	.780	.887
X/CW							
.000	.0420	.0960	.4700	.6660	.6110	.5830	.5330
.050				-.0350	-.0870	-.1770	-.4250
.061			.1750				
.066		.1300					
.094	.0310						
.150				.0610	-.0260	-.0610	-.1050
.177			.1110				
.229	.1230						
.246		.1990					
.250				-.0360	-.0310	-.0560	-.0950
.362	.2390						
.400				-.0280	-.0690		-.1770
.402			-.0480				
.497	.1790						
.550				-.2150	-.3510		
.565			-.1940				
.600							-.3950
.650						-.4270	
.710	-.1360				-.5470		
.725				-.5440			
.750						-.5490	-.5550
.760			-.7510				
.775				-.6890	-.6350		
.808			-.5090				
.834	-.5070						
.850				-.1830	-.1240	-.1130	
.857			-.1810				
.865	-.4140						
.900	-.2280			-.0580			-.0110
.905			-.0660				
.950				.0300	.0250	.0710	
.953			.0200				

DATE 20 SEP 73 TABULATED PRESSURE DATA - IASA

AMES 11-707 IA9 OEA + S3 + T9 LOWER WING (RBMLOS)

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (2) = .903 BETAT (1) = -8.170

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.965	-.0370						

MACH (2) = .901 BETAT (2) = -6.110

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	.0290	.0720	.4410	.6270	.5650	.5360	.4890
.050				-.0840	-.1390	-.2910	-.4560
.081			.1380				
.086		.1070					
.094	.0260						
.150				.0200	-.0790	-.0950	-.1420
.177			.0700				
.229	.1030						
.246		.1710					
.250				-.0600	-.0700	-.0870	-.1240
.362	.2130						
.400				-.0560	-.1170		-.1950
.402			-.0660				
.497	.1340						
.550				-.2340	-.3770		
.565			-.2200				-.4150
.600						-.4480	
.650					-.5680		
.700	-.1670						
.725				-.5800			
.750						-.5660	-.5830
.760			-.7490				
.775				-.6500	-.5640		
.808			-.3830				
.834	-.2990						
.850				-.1410	-.1160	-.0900	
.857			-.1570				
.865	-.3930						
.900	-.2020			-.0310			-.0030
.905			-.0610				
.950				.0610	.0490	.0790	
.953			.0430				
.965	-.0370						

MACH (2) = .902 BETAT (3) = -4.070

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	.0200	.0570	.4080	.5850	.5180	.4820	.4350
.050				-.1310	-.1860	-.3810	-.5180
.081			.1080				
.086		.0890					
.094	.0230						

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A (RBML05)

AMES 11-707 IA9 OEA + S3 + T9 LOWER WING

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (2) = .902 BETAT (3) = -4.070

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.150				-.0190	-.1210	-.1320	-.1740
.177			.0310				
.229	.0950						
.246		.1430					
.250				-.1220	-.1070	-.1160	-.1510
.362	.1880						
.400				-.0830	-.1440		-.2230
.402			-.1280				
.497	.0910						
.550				-.2510	-.3880		
.565			-.2460				-.4410
.600						-.4680	
.650					-.5750		
.700	-.1880			-.5730			
.725						-.5820	-.5760
.750							
.760			-.6930				
.775				-.5390	-.5070		
.808			-.3610				
.834	-.2830						
.850				-.1360	-.0930	-.0780	
.857			-.1670				
.865	-.3730						
.900	-.1960			-.0280			.0140
.905			-.0560				
.950				.0580	.0520	.0730	
.953			.0450				
.965	-.0380						

MACH (2) = .901 BETAT (4) = -2.090

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	.0030	.0400	.3740	.5350	.4610	.4190	.3830
.050				-.1740	-.2580	-.5160	-.5420
.081			.0750				
.086		.0690					
.094	.0210						
.150				-.0640	-.1660	-.1660	-.2300
.177			-.0100				
.229	.0820						
.246		.1170					
.250				-.1760	-.1380	-.1500	-.1730
.362	.1640						
.400				-.1120	-.1710		-.2350
.402			-.1710				
.497	.0390						

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A (RBML05)

AMES 11-707 IA9 CBA + S3 + T9 LOWER WING

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (2) = .901 BETAT (4) = -2.030

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.550				-.2730	-.4110		
.585			-.2660				-.4510
.600						-.4850	
.650					-.5860		
.700	-.2140			-.5900			
.725						-.5970	-.5490
.750							
.760			-.5120				
.775				-.4350	-.4740		
.808			-.3340				
.834	-.2880						
.850				-.1280	-.0890	-.0660	
.857			-.1800				
.865	-.3140						.0170
.900	-.1800			-.0190			
.905			-.0460				
.950				.0760	.0650	.0840	
.953			.0490				
.965	-.0280						

MACH (2) = .905 BETAT (5) = 2.070

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.0290	.0530	.3160	.4520	.3610	.3060	.2760
.050				-.2270	-.3440	-.7430	-.5390
.081			.0280				
.085		.0500					
.094	.0270						
.150				-.1280	-.2400	-.2220	-.3720
.177			-.0790				
.229	.0660						
.246		.0730					
.250				-.2430	-.1790	-.2020	-.2180
.362	.1060						
.400				-.1370	-.2170		-.2510
.402			-.2090				
.497	-.0610						
.550				-.3050	-.4300		
.565			-.2810				
.600							-.4780
.650						-.5120	
.700	-.2260				-.6000		
.725				-.5750			
.750						-.5540	-.5440
.760			-.4360				
.775				-.3640	-.4170		

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A

AMES 11-707 IA9 C2A + S3 + T9 LOWER WING (RBML05)

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (2) = .903 BETAT (5) = 2.070

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.808			-.3200				
.834	-.2470						
.850				-.1340	-.0830	-.0540	
.857			-.1670				
.865	-.2650						
.900	-.1760			-.0210			.0250
.905			-.0630				
.950				.0660	.0760	.0590	
.953			.0260				
.965	-.0810						

MACH (2) = .900 BETAT (6) = 4.120

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.0340	.0340	.2870	.4050	.3140	.2620	.2360
.050				-.2470	-.3450	-.7470	-.5350
.081			.0140				
.086		.0440					
.094	.0340						
.150				-.1400	-.2410	-.2250	-.3680
.177			-.0990				
.229	.0610						
.246		.0570					
.250				-.2400	-.1800	-.2120	-.2180
.362	.0870						
.400				-.1380	-.2190		-.2500
.402			-.1970				
.497	-.0900						
.550				-.3000	-.4270		
.565			-.2670				
.600							-.4890
.650						-.5210	
.700	-.2110				-.5920		
.725				-.5270			
.750						-.5620	-.4000
.760			-.3920				
.775				-.3600	-.3960		
.808			-.2720				
.834	-.2120						
.850				-.1450	-.0880	-.0540	
.857			-.1660				
.865	-.2140						
.900	-.1870			-.0340			.0160
.905			-.0890				
.950				.0530	.0830	.0850	
.953			-.0220				

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A (RBML05)

AMES 11-707 IA9 OBA + S3 + T9 LOWER WING

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (2) = .900 BETAT (6) = 0.120

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.985	-.1440						

MACH (2) = .904 BETAT (7) = 0.170

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.0380	.0390	.2650	.3840	.2790	.2160	.1960
.050				-.2390	-.3300	-.6920	-.5230
.081			.0260				
.086		.0470					
.094	.0320						
.150				-.1370	-.2330	-.2280	-.3640
.177			-.0840				
.229	.0510						
.246		.0570					
.250				-.2350	-.1820	-.2160	-.2190
.362	.0660						
.400				-.1410	-.2200		-.2480
.402			-.1870				
.497	-.0990						
.550				-.2930	-.4370		
.565			-.2560				
.600							-.4320
.650						-.5210	
.700	-.2110				-.5780		
.725				-.5010			
.750						-.5820	-.5350
.760			-.4240				
.775				-.4280	-.5480		
.808			-.3200				
.834	-.2610						
.850				-.2220	-.1320	-.0800	
.857			-.2550				
.865	-.2720						
.900	-.2290			-.1030			-.0040
.905			-.1690				
.950				.0160	.0600	.0670	
.953			-.0950				
.965	-.1880						

MACH (2) = .899 BETAT (8) = 0.230

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.0360	.0460	.2580	.3660	.2570	.1860	.1640
.050				-.1740	-.2790	-.4120	-.5160
.081			.0610				
.086		.0550					
.094	.0310						

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A

AMES 11-707 IA9 C2A + S3 + T9 LOWER WING (RBMLG5)

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (2) = .899 BETAT (8) = 8.230

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.150				-.1070	-.2060	-.2210	-.3080
.177			-.0430				
.229	.0360						
.246		.0540					
.250				-.1980	-.1730	-.2060	-.2150
.362	.0780						
.400				-.1320	-.2180		-.2700
.402			-.1900				
.497	-.0430						
.550				-.2770	-.4160		
.565			-.2760				
.600							-.5020
.650						-.5110	
.700	-.2240				-.5210		
.725				-.4570			
.750						-.5700	-.5160
.760			-.3650				
.775				-.4060	-.5570		
.808			-.2830				
.834	-.2610						
.850				-.3160	-.2050	-.1300	
.857			-.2600				
.865	-.2410						
.900	-.2350			-.1830			-.0240
.905			-.2280				
.950				-.0800	.0070	.0200	
.953			-.2020				
.965	-.2380						

MACH (3) = 1.100 BETAT (1) = -8.200

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.1130	-.0940	.5550	.7660	.7110	.6950	.6500
.050				.1010	.0060	-.2170	-.2420
.081			.2990				
.086		-.0200					
.094	-.1420						
.150				.2210	.0990	.0870	.0545
.177			.2540				
.229	-.0670						
.246		.3120					
.250				.1150	.1050	.1140	.0850
.362	.3340						
.400				.1250	.0860		.0690
.402			.0840				
.497	.3360						

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A

AMES 11-707 IA9 CBA + S3 + T9 LOWER WING (RBM_05)

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (3) = 1.100 BETAT (1) = -8.200

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.550				-.0250	-.1090		
.565			-.0210				-.1660
.600						-.2010	
.650					-.2450		
.700	-.0030			-.2260			
.725						-.2800	-.3530
.750							
.760			-.3550				
.775				-.3420	-.3390		
.808			-.3540				
.834	-.3530						
.850				-.4800	-.4230	-.4360	
.857			-.5320				
.865	-.5380						
.900	-.5180			-.5360			-.3920
.905			-.3520				
.930				-.3710	-.5510	-.5250	
.953			-.2450				
.965	-.2210						

MACH (3) = 1.087 BETAT (2) = -8.130

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.1520	-.1250	.5200	.7250	.6680	.6490	.6050
.050				.0510	-.0410	-.2930	-.2960
.081			.2660				
.086		-.0300					
.094	-.1550						
.150				.1870	.0630	.0350	-.0610
.177			.2150				
.229	-.1020						
.246		.2830					
.250				.0750	.0470	.0770	.0530
.362	.3090						
.400				.0750	.0560		.0460
.402			.0430				
.497	.2960						
.550				-.0640	-.1390		
.565			-.0740				
.600							-.1920
.650						-.2270	
.700	-.0810				-.2970		
.725				-.2420			
.750						-.3320	-.3710
.760			-.3660				
.775				-.3450	-.3730		

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A (RBMLDS)

AMES 11-7D7 IA9 C2A + S3 + T9 LOWER WING

SECTION (1)LOWER WING

DEPENDENT VARIABLE CP

MACH (3) = 1.097 BETAT (2) = -6.130

Y/BW	.299	.364	.427	.534	.675	.780	.887
X/CW							
.808			-.3660				
.834	-.3670						
.850				-.4860	-.4250	-.4770	
.857			-.5430				
.865	-.5490						
.900	-.4490			-.5470			-.4280
.905			-.2550				
.950				-.2760	-.5610	-.5390	
.953			-.2230				
.965	-.2050						

MACH (3) = 1.101 BETAT (3) = -4.080

Y/BW	.299	.364	.427	.534	.675	.780	.887
X/CW							
.000	-.1670	-.1490	.4840	.6840	.6230	.5980	.5580
.050				.0110	-.0670	-.3700	-.3510
.081			.2400				
.086		.0490					
.094	-.1620						
.150				.1520	.0340	-.0150	-.0810
.177			.1770				
.229	-.1310						
.246		.2540					
.250				.0270	-.0160	.0210	.0140
.362	.2760						
.400				.0170	.0030		.0160
.402			-.0030				
.497	.2430						
.550				-.1050	-.1760		
.565			-.1220				
.600							-.2200
.650						-.2610	
.700	-.1490				-.3430		
.725				-.3150			
.750						-.3660	-.3980
.760			-.3870				
.775					-.3640	-.4160	
.808			-.3820				
.834	-.3970						
.850				-.4950	-.4750	-.5020	
.857			-.5600				
.865	-.5660						
.900	-.3160			-.4690			-.4540
.905			-.2040				
.950				-.2380	-.5660	-.5810	
.953			-.1970				

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A

AMES 11-7?7 IA9 C2A + S3 + T9 LOWER WING (RBMLD5)

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (3) = 1.101 BETAT (3) = -4.080

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.965	-.1830						

MACH (3) = 1.089 BETAT (4) = -2.030

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.2350	-.1620	.4490	.6360	.5710	.5460	.5050
.050				-.0300	-.1100	-.4220	-.3990
.081			.2150				
.086		.0960					
.094	-.1790						
.150				.1080	-.0080	-.0670	-.1610
.177			.1360				
.229	-.0990						
.246		.2300					
.250				-.0110	-.0700	-.0440	-.0540
.362	.2450						
.400				-.0990	-.0520		-.0300
.402			-.0790				
.497	.1920						
.550				-.1540	-.2050		
.565			-.1700				
.600							-.2360
.650						-.2750	
.700	-.2080				-.3730		
.725				-.3560			
.750						-.3870	-.4100
.760			-.4170				
.775				-.3980	-.4510		
.808			-.4100				
.834	-.4230						
.850				-.5110	-.5090	-.5340	
.857			-.5170				
.865	-.5530						
.900	-.3470			-.3200			-.4660
.905			-.1990				
.950				-.2220	-.4800	-.5950	
.953			-.1900				
.965	-.1910						

MACH (3) = 1.101 BETAT (5) = 2.080

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.3590	-.1850	.3700	.5550	.4620	.4500	.4280
.050				-.0760	-.1860	-.5380	-.4030
.081			.1760				
.086		.0840					
.094	-.2060						

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A

AMES 11-707 IA9 C2A + S3 + T9 LOWER WING (RBMLO5)

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (3) = 1.101 BETAT (5) = 2.080

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.150				.0100	-.0540	-.1280	-.2620
.177			.0740				
.229	.0750						
.246		.1760					
.250				-.0780	-.1230	-.1040	-.1390
.362	.1770						
.400				-.1420	-.1090		-.0150
.402			-.1600				
.497	.0860						
.550				-.1900	-.2620		
.565			-.1910				
.600							-.2540
.650						-.2980	
.700	-.1090				-.3680		
.725				-.3470			
.750						-.3840	-.4270
.760			-.4540				
.775				-.4190	-.4150		
.808			-.4320				
.834	-.4340						
.850				-.5320	-.4690	-.4970	
.857			-.5120				
.865	-.3130						
.900	-.2880			-.2410			-.4550
.905			-.2890				
.950				-.1850	-.3370	-.5460	
.953			-.1650				
.965	-.1820						

MACH (3) = 1.102 BETAT (6) = 4.140

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.4340	-.2060	.3280	.5120	.4210	.3950	.3870
.050				-.1250	-.2590	-.6080	-.3850
.081			.1490				
.086		.0820					
.094	-.2360						
.150				-.0740	-.0620	-.1370	-.3090
.177			.0130				
.229	.0650						
.246		.1570					
.250				-.0810	-.1330	-.1390	-.1950
.362	.1550						
.400				-.1160	-.0990		.0030
.402			-.1460				
.497	-.0430						

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A (BBNLO5)

AMES 11-707 IA9 CBA + S3 + T9 LOWER WING

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (3) = 1.102 BETAT (6) = 4.140

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.550				-.1690	-.2250		
.565			-.1720				-.2410
.600						-.2810	
.650					-.3560		
.700	-.1800			-.3480			
.725						-.3720	-.4090
.750			-.4720				
.760				-.4380	-.4160		
.775			-.4380				
.808							
.834	-.3330			-.5570	-.4750	-.4950	
.850			-.4090				
.857							
.865	-.3010			-.4980			-.4570
.900	-.2750		-.3790				
.905				-.2230	-.4160	-.5660	
.950			-.1830				
.953							
.965	-.2170						

MACH (3) = 1.100 BETAT (7) = 6.200

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.5350	-.2200	.3110	.4970	.4040	.3550	.3400
.050				-.0950	-.2150	-.6210	-.4070
.061			.1520				
.086		.0940					
.094	-.2690						
.150				-.0180	-.0830	-.1680	-.3440
.177			.0410				
.229	.0970						
.246		.1440					
.250				-.1010	-.1460	-.1280	-.1550
.362	.1330						
.400				-.0980	-.0910		.0160
.402			-.1160				
.497	.0210						
.550				-.1570	-.2210		
.565			-.1660				
.600							-.2420
.650						-.2950	
.700	-.1660				-.3710		
.725				-.3720			
.750						-.3830	-.4130
.760			-.4690				
.775				-.4560	-.4290		

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A

AMES 11-707 IA9 C2A + S3 + T9 LOWER WING (RBMLO5)

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (3) = 1.100 BETAT (7) = 6.200

Y/BW	.299	.364	.427	.534	.675	.780	.887
X/CW							
.808			-.3560				
.834	-.2740			-.5390	-.4980	-.5110	
.850			-.3830				
.857							
.865	-.2980			-.5080			-.4490
.900	-.2690		-.3730				
.905				-.2320	-.3700	-.5840	
.950			-.2060				
.953							
.965	-.2240						

MACH (3) = 1.100 BETAT (8) = 8.270

Y/BW	.299	.364	.427	.534	.675	.780	.887
X/CW							
.000	-.5990	-.1160	.3160	.4750	.3680	.3020	.2930
.050				-.0540	-.1850	-.5970	-.4030
.081			.1660				
.086		.0670					
.094	-.2880			-.0070	-.0850	-.1700	-.3440
.150							
.177			.0890				
.229	-.0070						
.246		.1310		-.0910	-.1580	-.1220	-.1380
.250							
.362	.0960			-.1020	-.1020		.0030
.400							
.402			-.1420				
.497	.0590			-.2000	-.2490		
.550							
.565			-.2330				-.2450
.600						-.2970	
.650					-.3890		
.700	-.2220			-.3920			
.725						-.3650	-.4070
.750							
.760			-.4100				
.775				-.4500	-.4530		
.808			-.3040				
.834	-.2590						
.850				-.4490	-.5050	-.5030	
.857			-.2990				
.865	-.2570						
.900	-.2430			-.3940			-.4440
.905			-.2850				
.950				-.2280	-.2660	-.4650	
.953			-.2360				

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A

AMES 11-707 IA9 CEA + S3 + T9 LOWER WING (RBML05)

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (3) = 1.100 BETAT (0) = 0.270

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.985	-.2420						

MACH (4) = 1.245 BETAT (1) = -0.150

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	.0130	.0130	.3780	.7840	.7490	.7480	.6820
.050				.0950	.0960	-.1960	-.1580
.081			.2570				
.086		-.0550					
.094	-.0300						
.150				.2980	.1910	.0650	.0320
.177			.3100				
.229	-.0470						
.248		.1750					
.250				.1990	.1400	.1560	.1490
.362	-.0280						
.400				.1720	.1600		.1560
.402			.1800				
.497	.4020						
.550				.0560	-.0280		
.565			.0700				
.600							-.0530
.650						-.0880	
.700	.0890				-.1580		
.725				-.1510			
.750						-.1880	-.2220
.760			-.1730				
.775				-.1870	-.2400		
.808			-.2020				
.834	-.1820						
.850				-.2810	-.2980	-.3110	
.857			-.3400				
.865	-.3520						
.900	-.4570			-.3520			-.2940
.905			-.4680				
.950				-.4340	-.3680	-.3920	
.953			-.5080				
.965	-.4180						

MACH (4) = 1.245 BETAT (2) = -0.110

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.0300	-.0410	.3160	.7220	.7010	.6990	.6370
.050				-.0800	-.0440	-.2600	-.1930
.081			.2490				
.086		-.1100					
.094	-.0720						

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A (RBMLO5)

AMES 11-707 IA9 ORA + S3 + T9 LOWER WING

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (4) = 1.245 BETAT (2) = -6.110

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.150				.2350	.1490	.0440	-.0180
.177			.2770				
.229	-.0930						
.246		.0310					
.250				.1610	.1010	.1180	.1060
.362	-.0490						
.400				.1370	.1270		.1350
.402			.1440				
.497	.3580						
.550				.0320	-.0600		
.565			.0980				
.600							-.0670
.650						-.1050	
.700	.0870				-.1760		
.725				-.1740			
.750						-.2010	-.2360
.760			-.1980				
.775				-.2200	-.2570		
.808			-.2210				
.834	-.1980						
.850				-.3000	-.3190	-.3320	
.857			-.3550				
.865	-.3680						
.900	-.4710			-.3550			-.3070
.905			-.4760				
.950				-.4410	-.3920	-.4080	
.953			-.5150				
.965	-.3390						

MACH (4) = 1.245 BETAT (3) = -4.060

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.0730	-.0780	.2680	.6720	.6450	.6410	.5850
.050				-.1150	-.1040	-.3080	-.2380
.081			.2530				
.086		-.1350					
.094	-.1160						
.150				.1710	.1220	.0080	-.0090
.177			.2200				
.229	-.1280						
.246		.0180					
.250				.1140	.0620	.0630	.0490
.362	-.0590						
.400				.0840	.0800		.1140
.402			.0760				
.497	.2920						

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A

AMES 11-707 IA9 CEA + S3 + T9 LOWER WING (RBMLOS)

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (4) = 1.245 BETAT (3) = -4.080

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.550				.0010	-.0660		
.565			-.0080				
.600							-.0910
.650						-.1220	
.700	-.0890				-.1960		
.725				-.1980			
.750						-.2150	-.2570
.760			-.2360				
.775				-.2680	-.2780		
.808			-.2470				
.834	-.2250						
.850				-.3250	-.3450	-.3470	
.857			-.3730				
.865	-.3010						
.900	-.4080			-.3780			-.3200
.905			-.4940				
.950				-.4500	-.4240	-.4270	
.953			-.4630				
.965	-.3120						

MACH (4) = 1.246 BETAT (4) = -2.080

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.1210	-.1000	.2590	.6260	.5940	.5690	.5380
.050				-.1060	-.1280	-.3550	-.2620
.081			.2320				
.086		-.1330					
.094	-.1350						
.150				.1320	.0970	-.0190	-.1350
.177			.1930				
.229	-.1500						
.246		.1050					
.250				.0840	.0310	.0320	.0120
.362	-.0390						
.400				.0390	.0420		.0920
.402			.0270				
.497	.2460						
.550				-.0390	-.1260		
.565			-.0390				
.600							-.1190
.650						-.1520	
.700	-.0770				-.2230		
.725				-.2300			
.750						-.2370	-.2810
.760			-.2820				
.775				-.3010	-.2990		

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A (RBML05)

AMES 11-7D7 IA9 CBA + S3 + T9 LOWER WING

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (4) = 1.246 BETAT (4) = -2.020

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.808			-.2840				
.834	-.2470			-.3620	-.3660	-.3620	
.850							
.857			-.3620				
.865	-.4070						-.3380
.900	-.4810			-.3670			
.905			-.5060				
.950				-.4620	-.4410	-.4400	
.953			-.3130				
.965	-.3070						

MACH (4) = 1.243 BETAT (5) = 2.060

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.2550	-.1390	.2140	.5490	.4850	.4800	.4360
.050				-.0700	-.2080	-.4110	-.2990
.081			.1770				
.086		-.1540					
.094	-.1790			.0450	.0540	-.0840	-.2170
.150							
.177			.1080				
.229	-.1800						
.246		.1540		.0120	-.0430	-.0810	-.0720
.250							
.362	.1050			-.0420	-.0270		.0510
.400							
.402			-.0990				
.497	.1290			-.1480	-.1960		
.550							
.565			-.1490				-.1690
.600						-.2170	
.650					-.3000		
.700	-.1540			-.2780			
.725						-.3040	-.3150
.750							
.760			-.3130				
.775				-.3270	-.3560		
.808			-.3160				
.834	-.3020			-.4010	-.3960	-.4110	
.850							
.857			-.4390				
.865	-.4420						-.3790
.900	-.2910			-.4430			
.905			-.5480				
.950				-.3020	-.4610	-.4810	
.953			-.2560				

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A

AMES 11-707 IA9 C2A + S3 + T9 LOWER WING (SBWL05)

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (4) = 1.243 BETAT (5) = 2.060

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.965	-.2470						

MACH (4) = 1.241 BETAT (6) = 4.120

Y/BW	.299	.364	.427	.534	.673	.780	.897
X/CW							
.000	-.3270	-.1570	.2270	.5190	.4340	.4180	.4320
.050				-.0840	-.2690	-.4510	-.3460
.081			.1490				
.086		-.1680					
.094	-.2010						
.180				-.0180	-.0180	-.1330	-.2500
.177			.0570				
.229	-.2070						
.246		.1370					
.250				-.0810	-.1070	-.0750	-.0900
.362	.0870						
.400				-.0690	-.0470		.0540
.402			-.0640				
.497	.0040						
.550				-.1450	-.1650		
.565			-.1520				
.600							-.1590
.650						-.2000	
.700	-.1750				-.2620		
.725				-.2570			
.750						-.2670	-.3120
.760			-.3270				
.775				-.3000	-.3270		
.808			-.3370				
.834	-.3040						
.850				-.3770	-.3690	-.3780	
.857			-.4360				
.865	-.2850						
.900	-.2380			-.4290			-.3550
.905			-.3800				
.950				-.3600	-.4360	-.4480	
.953			-.2520				
.965	-.1830						

MACH (4) = 1.244 BETAT (7) = 6.160

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.4070	-.1870	.2150	.4790	.4410	.3960	.3630
.050				-.0780	-.2270	-.4580	-.3530
.081			.1330				
.086		-.1510					
.094	-.2330						

DATE 20 SEP 79 TABULATED PRESSURE DATA - IA9A (RBMLD5)

AMES 11-7D7 IA9 C2A + S3 + T9 LOWER WING

DEPENDENT VARIABLE CP

SECTION (1)LOWER WING

MACH (4) = 1.244 BETAT (7) = 6.160

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.150				.0110	-.0160	-.1440	-.2960
.177			.0390				
.229	-.2320						
.246		.1030					
.250				-.0540	-.0470	-.0670	-.0950
.362	.0460						
.400				-.0930	-.0740		.0420
.402			-.0630				
.497	-.0460						
.550				-.1120	-.2030		
.565			-.1100				
.600							-.1610
.650						-.2240	
.700	-.1140				-.2740		
.725				-.2620			
.750						-.2810	-.3240
.760			-.3630				
.775				-.3500	-.3360		
.808			-.3680				
.834	-.3010						
.850				-.4340	-.3980	-.3870	
.857			-.4530				
.865	-.2880						
.900	-.2840			-.4770			-.3840
.905			-.4080				
.950				-.5240	-.4650	-.4660	
.959			-.4040				
.965	-.2550						

MACH (4) = 1.247 BETAT (8) = 8.210

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.4420	-.2360	.2860	.4600	.3620	.3370	.3070
.050				-.0860	-.2280	-.4210	-.3380
.081			.1280				
.086		-.0100					
.094	-.2600						
.150				.0040	.0040	-.1310	-.2540
.177			.0620				
.229	-.1720						
.246		.1130					
.250				-.0570	-.0920	-.1100	-.1330
.362	.0620						
.400				-.0800	-.0870		.0030
.402			-.0870				
.497	.0060						

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A

AMES 11-707 IA9 CEA + S3 + T9 LOWER WING (RBMLOS)

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (4) = 1.247 BETAT (8) = 8.210

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.550				-.1670	-.2280		
.565			-.1810				-.2050
.600						-.2570	
.650					-.3200		
.700	-.1970			-.3190			
.725						-.3190	-.3340
.750			-.2980				
.760				-.3780	-.3760		
.775			-.3010				
.806	-.2650			-.4630	-.4170	-.4170	
.834			-.3010				
.850				-.4940			-.3910
.857	-.2860						
.865	-.2410		-.3180				
.900				-.3920	-.4900	-.4870	
.905			-.2580				
.950							
.953	-.2040						
.965							

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A (RBMLO6) (27 APR 73)

AMES 11-7D7 IA9 C2A + S3 + T9 LOWER WING

REFERENCE DATA

SREF = 2.4210 SQ.FT. XMRP = 28.5300 INCHES
LREF = 39.8490 INCHES YMRP = .0000 INCHES
BREF = 39.8490 INCHES ZMRP = .0000 INCHES
SCALE = .0300 SCALE

PARAMETRIC DATA

ALPHAT = -2.990 ORBINC = .900
RUDDER = .000 ELEVON = .000
RUDFLR = .000

SECTION (1)LOWER WING

DEPENDENT VARIABLE CP

MACH (1) = .599 BETAT (1) = -8.090

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	.0250	.0690	.3720	.5820	.5480	.5580	.5030
.050				-.0680	-.1040	-.1725	-.1730
.081			.0930				
.086		.0820					
.094	.0130						
.150				-.0160	-.0510	-.0690	-.0670
.177			.0100				
.229	.0700						
.246		.1090					
.250				-.1020	-.0740	-.0720	-.0590
.362	.1310						
.400				-.1380	-.1280		-.1220
.402			-.1660				
.497	.0430						
.550				-.2970	-.2690		
.565			-.3360				
.600							-.2220
.650						-.2440	
.700	-.3430				-.3170		
.725				-.3340			
.750						-.2370	-.2530
.760			-.4010				
.775				-.2820	-.2640		
.818			-.2720				
.834	-.3480						
.850				-.2210	-.1810	-.1760	
.857			-.2270				
.865	-.2680						
.900	-.1870			-.1240			-.1090
.905			-.1350				
.950				.0120	.0220	.0150	
.953			-.0080				
.965	-.0550						

MACH (1) = .599 BETAT (2) = -6.060

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	.0070	.0590	.3520	.5540	.5210	.5330	.4730
.050				-.1030	-.1220	-.1950	-.1880
.081			.0650				
.086		.0650					
.094	.0110						

DATE 8% SEP 73 TABULATED PRESSURE DATA - IA9A

AMES 11-707 IA9 O2A + S3 + T9 LOWER WING (PBM.56)

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (1) = .999 BETAT (2) = -6.060

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.150				-.0280	-.0670	-.0790	-.0780
.177			-.0100				
.229	.0620						
.246		.0980					
.250				-.1200	-.0870	-.0840	-.0730
.362	.1140						
.400				-.1420	-.1350		-.1310
.402			-.1680				
.497	.0120						
.550				-.2910	-.2800		
.565			-.3210				
.600							-.2230
.650						-.2470	
.700	-.3180				-.3090		
.725				-.3210			
.750						-.2310	-.2470
.760			-.3680				
.775				-.2640	-.2520		
.808			-.2500				
.834	-.3080						
.850				-.2060	-.1740	-.1680	
.857			-.2040				
.865	-.2380						
.900	-.1610			-.1100			-.1050
.905			-.1170				
.950				.0230	.0260	.0220	
.953			-.0010				
.965	-.0460						

MACH (1) = .998 BETAT (3) = -4.040

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.0170	.0420	.3250	.5270	.4890	.4930	.4430
.050				-.1310	-.1360	-.1650	-.2060
.081			.0450				
.086		.0440					
.094	.0020						
.150				-.0530	-.0820	-.0900	-.1320
.177			-.0290				
.229	.0480						
.246		.0620					
.250				-.1330	-.0950	-.0860	-.1250
.362	.0930						
.400				-.1460	-.1370		-.1350
.402			-.1630				
.497	-.0190						

DATE 25 SEP 73 TABULATED PRESSURE DATA - IA9A (RBMLO6)

AMES 11-707 IA9 CEA + S3 + T9 LOWER WING

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (1) = .998 BETAT (3) = -4.040

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.550				-.2690	-.2720		
.565			-.2990				-.2250
.600						-.2400	
.650					-.3020		
.700	-.2860			-.2960			
.725						-.2290	-.2450
.750			-.3420				
.760				-.2500	-.2530		
.775			-.2290				
.808							
.834	-.2690			-.2000	-.1740	-.1680	
.850			-.1900				
.857							
.865	-.2160			-.1080			-.1030
.900	-.1440		-.1120				
.905				.0300	.0280	.0200	
.950			-.0010				
.953							
.965	-.0490						

MACH (1) = .600 BETAT (4) = -2.000

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.0420	.0200	.3010	.4900	.4520	.4500	.4060
.050				-.1700	-.1630	-.1790	-.2350
.081			.0110				
.086		.0220					
.094	-.0110						
.150				-.0820	-.1040	-.1130	-.1060
.177			-.0630				
.229	.0260						
.246		.0430					
.250				-.1490	-.1120	-.1050	-.0970
.362	.0710						
.400				-.1480	-.1400		-.1490
.402			-.1770				
.497	-.0500						
.550				-.2640	-.2820		
.565			-.2820				-.2270
.600						-.2440	
.650					-.3030		
.700	-.2840			-.2890			
.725						-.2330	-.2450
.750							
.760			-.3240				
.775				-.2430	-.2500		

DATE 8 SEP 73 TABULATED PRESSURE DATA - IA9A (REMLG6)

AMES 11-707 IA9 CRA + S3 + T9 LOWER WING

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (1) = .800 BETAT (4) = -2.000

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.808			-.2070				
.834	-.2380						
.850				-.1940	-.1730	-.1680	
.857			-.1760				
.865	-.1810						
.900	-.1240			-.1050			-.1030
.905			-.1020				
.950				.0220	.0280	.0170	
.953			.0050				
.965	-.0320						

MACH (1) = .800 BETAT (5) = .080

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.0610	.0040	.2760	.4580	.4160	.4130	.3740
.050				-.2050	-.1840	-.1810	-.2080
.081			-.0060				
.086		.0080					
.094	.0140						
.150				-.1070	-.1250	-.1260	-.1160
.177			-.0870				
.229	.0220						
.246		.0170					
.250				-.1700	-.1320	-.1220	-.1120
.362	.0460						
.400				-.1550	-.1610		-.1600
.402			-.1880				
.497	-.0870						
.550				-.2710	-.2790		
.565			-.2750				
.600							-.2360
.650						-.2480	
.700	-.2700				-.2960		
.725				-.2870			
.750						-.2320	-.2440
.760			-.3150				
.775				-.2410	-.2530		
.808			-.2060				
.834	-.2210						
.850				-.1940	-.1730	-.1690	
.857			-.1740				
.865	-.1800						
.900	-.1190			-.1020			-.0930
.905			-.0930				
.950				.0240	.0290	.0210	
.953			.0070				

DATE 30 SEP 75 TABULATED PRESSURE DATA - IA9A

AMES 11-707 IA9 C2A + S3 + T9 LOWER WING (RBMLOG)

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (1) = .600 BETAT (5) = .020

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.965	-.0360						

MACH (1) = .601 BETAT (6) = 2.050

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.0910	-.0130	.2520	.4220	.3740	.3750	.3420
.050				-.2190	-.2090	-.1930	-.2980
.061			-.0250				
.066		-.0070					
.094	-.0120						
.150				-.1270	-.1310	-.1350	-.1270
.177			-.1010				
.229	.0030						
.246		.0040					
.250				-.1870	-.1990	-.1280	-.1170
.362	.0220						
.400				-.1540	-.1580		-.1600
.402			-.1960				
.497	-.1080						
.550				-.2600	-.2840		
.565			-.2750				
.600							-.2320
.650						-.2510	
.700	-.2860				-.3060		
.725				-.2890			
.750						-.2350	-.2460
.760			-.3120				
.775				-.2490	-.2530		
.808			-.1970				
.834	-.2160						
.850				-.1940	-.1750	-.1670	
.857			-.1630				
.865	-.1710						
.900	-.1190			-.0990			-.1020
.905			-.1040				
.950				.0190	.0190	.0210	
.953			-.0050				
.965	-.0550						

MACH (1) = .601 BETAT (7) = 4.080

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.0970	-.0190	.2310	.3860	.3450	.3490	.3460
.050				-.2180	-.2000	-.1920	-.2490
.081			-.0180				
.086		-.0140					
.094	-.0190						

DATE 20 SEP 75 TABULATED PRESSURE DATA - IA9A (RBMLD6)

AMES 11-707 IA9 CBA + S3 + T9 LOWER WING

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (1) = .801 BETAT (7) = 4.080

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.150				-.1150	-.1250	-.1290	-.1200
.177			-.0920				
.229	-.0090						
.246		.0000					
.250				-.1730	-.1270	-.1200	-.1140
.362	.0110						
.400				-.1360	-.1440		-.1520
.402			-.1710				
.497	-.1100						
.550				-.2390	-.2430		
.585			-.2530				-.2250
.600						-.2400	
.650					-.2550		
.700	-.2080						
.725				-.2600			
.750						-.2270	-.2430
.760			-.2610				
.775				-.2200	-.2410		
.808			-.1720				
.834	-.1760						
.850				-.1840	-.1690	-.1640	
.857			-.1440				
.865	-.1170						
.900	-.1060			-.0940			-.1000
.905			-.0880				
.950				.0220	.0200	.0180	
.953			-.0100				
.965	-.0920						

MACH (1) = .999 BETAT (8) = 6.110

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.1320	-.0280	.2020	.3650	.3150	.3110	.2690
.050				-.1950	-.1870	-.1980	-.2680
.091			-.0060				
.086		-.0190					
.094	-.0280						
.150				-.1120	-.1260	-.1290	-.1280
.177			-.0920				
.229	-.0140						
.246		-.0020					
.250				-.1670	-.1330	-.1280	-.1250
.362	-.0010						
.400				-.1410	-.1490		-.1610
.402			-.1570				
.497	-.1150						

DATE 20 SEP 79 TABULATED PRESSURE DATA - IA9A (RBMLO6)

AMES 11-707 IA9 OEA + S3 + T9 LOWER WING

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (1) = .599 BETAT (8) = 8.110

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.550				-.2360	-.2640		
.565			-.2220				-.2310
.600						-.2400	
.650					-.2910		
.700	-.2040			-.2640			
.725						-.2310	-.2380
.750							
.760			-.2750				
.775				-.2340	-.2440		
.806			-.1800				
.834	-.1890						
.850				-.1980	-.1820	-.1690	
.857			-.1660				
.865	-.1950						
.900	-.1210			-.1100			-.1000
.905			-.1070				
.950				-.0070	.0060	.0110	
.953			-.0430				
.965	-.1290						

MACH (1) = .800 BETAT (9) = 8.140

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.1320	-.0290	.1660	.3370	.2840	.2890	.2530
.050				-.1570	-.1540	-.1690	-.2310
.081			.0180				
.086		-.0150					
.094	-.0330						
.150				-.0820	-.1100	-.1190	-.1180
.177			-.0520				
.229	-.0210						
.246		.0020					
.250				-.1500	-.1230	-.1160	-.1180
.362	.0030						
.400				-.1180	-.1380		-.1570
.402			-.1530				
.497	-.0820						
.550				-.2250	-.2540		
.565			-.2240				
.600							-.2210
.650						-.2380	
.700	-.2110				-.2860		
.725				-.2530			
.750						-.2280	-.2380
.760			-.2420				
.775				-.2260	-.2460		

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A (RBMLD6)

AMES 11-707 IA9 OEA + S3 + T9 LOWER WING

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (1) = .830 BETAT (9) = 0.140

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.808			-.1490				
.834	-.1650			-.2130	-.1880	-.1720	
.850			-.1400				
.857							
.865	-.1560			-.1320			-.0970
.900	-.1460		-.1350				
.905				-.0950	-.0100	-.0020	
.950			-.1350				
.953							
.965	-.1780						

MACH (2) = .804 BETAT (1) = -0.180

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	.0370	.1280	.4650	.6650	.6120	.6130	.5210
.050				.0750	.0280	-.0390	-.1080
.081			.2410				
.086		.1560					
.094	.0550			.1200	.0530	.0280	-.0180
.150			.1600				
.177							
.229	.1420			.0190	.0280	.0080	-.0380
.246		.2360					
.250				.0100	-.0440		-.1320
.362	.2650		-.0040				
.400				-.1890	-.3250		
.402							-.3680
.497	.2050		-.1660			-.4000	
.550					-.5240		
.565				-.5240			
.600						-.5290	-.5750
.650			-.7390				
.700	-.1110			-.6730	-.6320		
.725			-.5090				
.750							
.760				-.1840	-.1210	-.1210	
.775			-.1690				
.808				-.550			-.0290
.834	-.5750						
.850			-.0630	.0400	.0280	.0720	
.857							
.865	-.4160		.0240				
.900	-.2220						
.905							
.950							
.953							

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A (RBNL06)

AMES 11-707 IA9 C2A + S3 + T9 LOWER WING

DEPENDENT VARIABLE CP

SECTION : [illegible] WING

MACH (2) = .904 BETAT (1) = -8.160

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.965	-.0270						

MACH (2) = .901 BETAT (2) = -6.130

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	.0220	.1060	.4380	.6410	.5850	.5810	.4960
.050				.0270	-.0040	-.0940	-.1670
.061			.2050				
.086		.1310					
.094	.0440						
.150				.0870	.0170	-.0010	-.0500
.177			.1230				
.229	.1200						
.246		.2090					
.250				-.0190	-.0040	-.0220	-.0620
.362	.2570						
.400				-.0160	-.0710		-.1560
.402			-.0410				
.497	.1660						
.550				-.2070	-.3450		
.565			-.1880				-.2980
.600						-.4210	
.650					-.5410		
.700	-.1360			-.5400			
.725						-.5420	-.5820
.750							
.760			-.7460				
.775				-.6650	-.6380		
.808			-.3900				
.834	-.3080						
.850				-.1340	-.0960	-.0860	
.857			-.1630				
.865	-.3910						
.900	-.1930			-.0220			-.0690
.905			-.0530				
.950				.0660	.0710	.0940	
.953			.0550				
.965	-.0160						

MACH (2) = .902 BETAT (3) = -4.070

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	.0040	.0840	.4110	.6050	.5490	.5340	.4560
.050				-.0220	-.0490	-.1120	-.2340
.081			.1690				
.086		.1060					
.094	.0390						

DATE 04 SEP 73 TABULATED PRESSURE DATA - IA9A (RBAL06)

AMES 11-707 IA9 CBA + S3 + T9 LOWER WING

DEPENDENT VARIABLE CP

SECTION (1)LOWER WING

MACH (2) = .902 BETAT (3) = -4.070

X/CW \ Y/BW	.299	.364	.427	.534	.673	.780	.887
.150				.0410	-.0280	-.0440	-.0840
.177			.0820				
.229	.1080						
.246		.1780					
.250				-.0850	-.0380	-.0530	-.0910
.362	.2080						
.400				-.0470	-.0900		-.1790
.402			-.0830				
.497	.1180						
.550				-.2270	-.3670		
.565			-.2140				
.600							-.4220
.650						-.4420	
.700	-.1880				-.5580		
.725				-.5550			
.750						-.5603	-.5990
.760			-.7260				
.775				-.6050	-.6080		
.808			-.3700				
.834	-.2950						
.850				-.1340	-.0950	-.0790	
.857			-.1640				
.865	-.3800						
.900	-.1950			-.0250			.0000
.905			-.0550				
.950				.0700	.0530	.0840	
.953			.0520				
.965	-.0280						

MACH (2) = .901 BETAT (4) = -2.030

X/CW \ Y/BW	.299	.364	.427	.534	.673	.780	.887
.000	-.0180	.0680	.3780	.5670	.5090	.4910	.4190
.050				-.0780	-.1010	-.1270	-.2890
.081			.1370				
.086		.0870					
.094	.0360						
.150				-.0020	-.0690	-.0770	-.1150
.177			.0450				
.229	.0690						
.246		.1490					
.250				-.1080	-.0720	-.0790	-.1160
.362	.1740						
.400				-.0700	-.1220		[illegible]
.402			-.1190				
.497	.0630						

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A (RBMLD6)

AMES 11-707 IA9 C2A + S3 + T9 LOWER WING

DEPENDENT VARIABLE CP

SECTION (1)LOWER WING

MACH (2) = .901 BETAT (4) = -2.090

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.550				-.2420	-.3860		
.565			-.2380				-.4460
.600						-.4560	
.650					-.5660		
.700	-.1870			-.5680			
.725						-.5800	-.6050
.750			-.6600				
.760				-.4740	-.5100		
.775			-.3420				
.808							
.834	-.2750			-.1210	-.0870	-.0630	
.850			-.1520				
.857							
.865	-.3110			-.0170			.0130
.900	-.1620		-.0490				
.905				.0600	.0520	.0880	
.950			.0500				
.955							
.965	-.0210						

MACH (2) = .903 BETAT (5) = 2.080

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.0580	.0400	.3210	.4910	.4230	.3980	.3480
.050				-.1450	-.1910	-.2010	-.3790
.081			.0920				
.086		.0550					
.094	.0340			-.0660	-.1290	-.1290	-.1800
.150			-.0270				
.177							
.229	.0710						
.246		.0980		-.1710	-.1180	-.1250	-.1490
.250							
.362	.1170			-.1080	-.1670		-.2260
.400			-.1630				
.402							
.497	-.0330			-.2730	-.4130		
.550							
.565			-.2660				-.4820
.600						-.4870	
.650					-.5790		
.700	-.2220			-.5730			
.725						-.5830	-.4650
.750							
.760			-.4390				
.775				-.3520	-.4350		

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A

AMES 11-707 IA9 ORA + S3 + T9 LOWER WING (RBNL06)

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (2) = .905 BETAT (5) = 2.080

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.808			-.3380				
.834	-.2580						
.850				-.1450	-.0740	-.0450	
.857			-.1660				
.873	-.2660						
.910	-.1640			-.0280			.0230
.9[illegible]			-.0630				
.950				.0780	.0840	.0970	
.953			.0350				
.965	-.0500						

MACH (2) = .905 BETAT (6) = 4.130

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.0820	.0570	.2910	.4570	.3880	.3810	.3110
.050				-.1600	-.2100	-.2030	-.3790
.081			.0740				
.086		.0480					
.094	.0320						
.150				-.0780	-.1380	-.1330	-.1710
.177			-.0467				
.229	.0650						
.246		.0620					
.250				-.1670	-.1240	-.1310	-.1610
.362	.0970						
.400				-.1020	-.1670		-.2350
.402			-.1520				
.497	-.0610						
.550				-.2670	-.4120		
.565			-.2490				
.600							-.4830
.650						-.4950	
.700	-.1960				-.5680		
.725				-.5230			
.750						-.5810	-.4710
.760			-.4020				
.775				-.3420	-.4000		
.808			-.2740				
.834	-.2080						
.850				-.1560	-.0950	-.0600	
.857			-.1630				
.865	-.1990						
.900	-.1590			-.0370			.0020
.9[illegible]5			-.0750				
.950				.0700	.0990	.1030	
.953			-.0030				

DATE 8 SEP 73 TABULATED PRESSURE DATA - IA9A

AMES 11-707 IA9 C2A + S3 + T9 LOWER WING (RBMLO6)

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (2) = .903 BETAT (6) = 4.130

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.965	-.1130						

MACH (2) = .907 BETAT (7) = 6.180

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.0870	.0300	.2550	.4250	.3550	.3240	.2720
.050				-.1320	-.2020	-.2220	-.3770
.081			.0870				
.086		.0490					
.094	.0330						
.150				-.0780	-.1280	-.1400	-.1790
.177			-.0330				
.229	.0570						
.246		.0740					
.250				-.1670	-.1210	-.1370	-.1680
.362	.0830						
.400				-.1000	-.1640		-.2350
.402			-.1430				
.497	-.0640						
.550				-.2540	-.4140		
.565			-.2330				
.600							-.4760
.650						-.4870	
.700	-.1920				-.5530		
.725				-.4580			
.750						-.5670	-.5060
.760			-.4090				
.775				-.4000	-.5050		
.808			-.2960				
.834	-.2440						
.850				-.2130	-.1570	-.0970	
.857			-.2210				
.865	-.2330						
.900	-.1930			-.0870			-.0170
.905			-.1410				
.950				.0310	.0680	.0780	
.953			-.0640				
.965	-.1480						

MACH (2) = .904 BETAT (8) = 8.230

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.0760	.0370	.2410	.3830	.3250	.2930	.2330
.050				-.0780	-.1430	-.2140	-.3390
.081			.1210				
.086		.0500					
.094	.0270						

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A

AMES 11-707 IA9 CEA + S3 + T9 LOWER WING (RBNL06)

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (2) = .904 BETAT (0) = 0.230

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.150				-.0490	-.1110	-.1340	-.1780
.177			.0050				
.229	.0490						
.246		.0730					
.250				-.1360	-.1180	-.1410	-.1890
.362	.0900						
.400				-.0980	-.1650		-.2470
.402			-.1470				
.497	-.0180						
.550				-.2450	-.3850		
.565			-.2320				-.4790
.600						-.4710	
.650					-.4910		
.700	-.2030			-.4000			
.725						-.5390	-.4860
.750							
.760			-.3340				
.775				-.3620	-.5080		
.808			-.2560				
.834	-.2350						
.850				-.2920	-.2180	-.1480	
.857			-.2320				
.865	-.2180						
.900	-.2120			-.1700			-.0370
.905			-.2050				
.950				-.0660	.0130	.0200	
.953			-.1790				
.965	-.2100						

MACH (3) = 1.099 BETAT (1) = -0.210

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.150	-.1190	-.0590	.5430	.7630	.7050	.7200	.6440
.050				.2210	.1740	.1970	.5700
.181			.3680				
.186		-.0170					
.094	-.1000						
.150				.2860	.2540	.2420	.1600
.177			.3070				
.229	-.0600						
.246		.3450					
.250				.1690	.2000	.1920	.1660
.362	.3540						
.400				.2010	.1500		.1260
.402			.1530				
.497	.3570						

DATE 20 SEP 73 TABULATED PRESSURE DATA - IASA

AMES 11-707 IA9 CEA + S3 + T9 LOWER WING (RBNLD6)

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (3) = 1.099 BETAT (1) = -8.210

Y/BW	.299	.364	.427	.534	.675	.780	.887
X/CW							
.550				.0540	-.0570		
.565			.0590				-.1320
.600						-.1530	
.650					-.2290		
.700	.1140			-.2120			
.725						-.2660	-.3140
.750							
.760			-.3480		-.3280	-.3180	
.775							
.808			-.3420				
.834	-.3430				-.4660	-.4030	-.4150
.850							
.857			-.5200				
.865	-.5290			-.0			-.3680
.900	-.5940						
.905			-.4390		-.4690	-.5380	-.5070
.950							
.953			-.2400				
.965	-.2180						

MACH (3) = 1.100 BETAT (2) = -6.140

Y/BW	.299	.364	.427	.534	.675	.780	.887
X/CW							
.000	-.1500	-.0910	.5160	.7360	.6740	.6690	.8030
.050				.1680	.1220	.0260	-.0080
.081			.3330				
.086		-.0230					
.094	-.1200						
.150				.2420	.1450	.1480	.1120
.177			.2670				
.229	-.0970						
.246		.3190					
.250				.1180	.1440	.1480	.1250
.362	.3240						
.400				.1360	.1030		.0920
.402			.0840				
.497	.3250						
.550				-.0020	-.0060		
.565			.0050				
.600							-.1560
.650						-.1680	
.700	.0200				-.2480		
.725				-.2280			
.750							
.760			-.3590			-.2870	-.3330
.775				-.3440	-.3360		

DATE 21 SEP 73 TABULATED PRESSURE DATA - IA9A (RBML56)

AMES 11-707 IA9 CEA + S3 + T9 LOWER WING

DEPENDENT VARIABLE CP

SECTION (1)LOWER WING

MACH (3) = 1.100 BETAT (2) = -6.140

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.808			-.3560				
.834	-.3570			-.4810	-.4195	-.4390	
.850			-.5330				
.857							
.865	-.5410			-.5370			-.3980
.900	-.4030		-.2550				
.905				-.2980	-.5540	-.5280	
.950			-.2160				
.953							
.965	-.1810						

MACH (3) = 1.100 BETAT (3) = -4.080

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.1870	-.1160	.4060	.6960	.6360	.6300	.5610
.050				.1220	.0720	-.0190	-.0980
.081			.3040				
.086		.0900					
.094	-.1390			.2000	.0970	.0760	.0690
.150			.2220				
.177							
.229	-.1270						
.246		.2860		.0710	.0730	.1080	.0800
.250							
.362	.2940			.0780	.0600		.0590
.400							
.402			.0330				
.497	.2660			-.0640	-.1320		
.550							
.565			-.0750				-.1930
.640						-.2230	
.650					-.2960		
.700	-.0930			-.2400			
.725						-.3280	-.3790
.750							
.760			-.3700	-.3500	-.3398		
.775							
.808			-.3700				
.834	-.3780			-.4920	-.4290	-.4710	
.850							
.857			-.5480				
.865	-.5520						-.4370
.900	-.3080			-.4940			
.905			-.1920				
.950				-.2190	-.5640	-.5320	
.953			-.1800				

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A (RBML06)

AMES 11-707 IA9 O2A + S3 + T9 LOWER WING

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (3) = 1.100 BETAT (3) = -4.080

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.965	-.1530						

MACH (3) = 1.099 BETAT (4) = -2.030

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.2530	-.1430	.4500	.6520	.5910	.5770	.5170
.050				.0720	.0180	-.1060	-.1810
.081			.2680				
.086		.1100					
.094	-.1760			.1610	.0560	.0180	.0310
.150							
.177			.1780				
.229	-.1050						
.246		.2540		.0210	.0060	.0660	.0420
.250							
.362	.2580			.0210	.0210		.0290
.400							
.402			-.0130				
.497	.2080			-.1050	-.1670		
.550							
.565			-.1270				-.2170
.600						-.2500	
.650					-.3330		
.700	-.1620			-.2670			
.725						-.3440	-.3950
.750							
.760			-.3910				
.775				-.3670	-.3850		
.808			-.3920				
.834	-.4140						
.850				-.5050	-.4420	-.4940	
.857			-.5540				
.865	-.5040						-.4460
.900	-.3090			-.2760			
.905			-.1830				
.950				-.1910	-.4290	-.5350	
.953			-.1760				
.965	-.1440						

MACH (3) = 1.101 BETAT (5) = 2.080

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.4000	-.1520	.3600	.5720	.5120	.5070	.4630
.050				.0090	-.0410	-.1920	-.2680
.081			.2240				
.086		.0950					
.094	-.2120						

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A (RBML06)

AMES 11-707 IA9 CBA + S3 + T9 LOWER WING

DEPENDENT VARIABLE CP

SECTION (1)LOWER WING

MACH (3) = 1.101 BETAT (5) = 2.080

Y/BW	.299	.364	.427	.534	.675	.780	.887
X/CW							
.150				.0690	.0110	-.0400	-.0420
.177			.1060				
.229	.0810						
.246		.1920					
.250				-.0290	-.0640	-.0230	-.0050
.362	.1900						
.400				-.0690	-.0530		.0070
.402			-.1210				
.497	.1040						
.550				-.1160	-.1770		
.565			-.1330				
.600							-.2190
.650						-.2530	
.700	-.1460				-.3020		
.725				-.3020			
.750						-.3230	-.3960
.760			-.4250				
.775				-.4040	-.3650		
.808			-.4190				
.834	-.4320						
.850				-.5340	-.4810	-.4820	
.857			-.5630				
.865	-.3390						
.900	-.2930			-.1970			-.4250
.905			-.2250				
.950				-.1670	-.3260	-.5630	
.953			-.1700				
.965	-.1550						

MACH (3) = 1.100 BETAT (6) = 4.130

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.4850	-.1720	.3270	.5460	.4680	.4660	.4300
.050				-.0270	-.0930	-.2900	-.2950
.081			.1990				
.086		.0980					
.094	-.2250						
.150				.0280	-.0260	-.0640	-.0490
.177			.0610				
.229	.0780						
.246		.1750					
.250				-.0600	-.0890	-.0170	-.0460
.362	.1690						
.400				-.0750	-.0440		-.0020
.402			-.1140				
.497	.0640						

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A (RBMLD6)

AMES 11-707 IA9 O2A + S3 + T9 LOWER WING

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (3) = 1.100 BETAT (6) = 4.130

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.550				-.1140	-.1740		
.565			-.1320				-.2140
.600						-.2260	
.650					-.3020		
.700	-.1350			-.2960			
.725						-.3400	-.3800
.750							
.760			-.4290				
.775				-.4170	-.3850		
.800			-.4150				
.834	-.3040						
.850				-.5460	-.4750	-.4850	
.857			-.4270				
.865	-.2790						-.4340
.900	-.2620			-.3020			
.905			-.3470				
.950				-.1910	-.3150	-.5710	
.953			-.1350				
.965	-.1590						

MACH (3) = 1.100 BETAT (7) = 6.190

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.5740	-.1910	.2830	.5140	.4340	.4330	.3960
.050				.0010	-.1040	-.2580	-.2610
.081			.2060				
.086		.0940					
.094	-.2680						
.150				.0360	-.0250	-.0520	-.0500
.177			.0890				
.229	.0600						
.246		.1630					
.250				-.0620	-.0590	-.0160	-.0180
.362	.1480						
.400				-.0440	-.0400		.0130
.402			-.0890				
.497	.0540						
.550				-.1100	-.1820		
.565			-.1340				
.600							-.2130
.650						-.2330	
.700	-.1380				-.3040		
.725				-.3150			
.750						-.3490	-.3910
.760			-.4360				
.775				-.4210	-.3970		

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A (RBMLD6)

AMES 11-707 IA9 C2A + S5 + T9 LOWER WING

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (3) = 1.100 BETAT (7) = 6.190

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.808			-.3250				
.834	-.2550			-.5210	-.4870	-.4980	
.850			-.3640				
.857							
.865	-.2590			-.5080			-.4480
.900	-.2300		-.3370				
.905				-.1980	-.2890	-.5770	
.950			-.1760				
.953							
.965	-.1940						

MACH (3) = 1.101 BETAT (8) = 8.280

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.6110	-.1330	.2630	.4890	.3960	.3900	.3550
.060				.0340	-.0710	-.1410	-.2520
.061			.2200				
.066		.0780					
.094	-.2960			.0650	-.0240	-.0550	-.0230
.150			.1070				
.177							
.229	.0130						
.246		.1490		-.0540	-.0630	-.0140	-.0060
.250							
.362	.1240			-.0450	-.0510		.0030
.400			-.0960				
.402							
.497	.0760			-.1500	-.1970		
.550			-.1820				
.565							-.2090
.600						-.2230	
.650					-.2990		
.700	-.2050			-.3320			
.725						-.3340	-.3740
.750			-.3490				
.760				-.3490	-.3750		
.775			-.2560				
.808							
.834	-.2330			-.4030	-.4640	-.4800	
.850			-.2690				
.857							
.865	-.2320			-.3880			-.4380
.900	-.2150		-.2590				
.905				-.2690	-.3980	-.5550	
.950			-.2130				
.953							

DATE 8M SEP 73 TABULATED PRESSURE DATA - IA9A (RBML06)

AMES 11-707 IA9 C2A + S3 + T9 LOWER WING

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (3) = 1.101 BETAT (8) = 8.260

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.965	-.2200						

MACH (4) = 1.248 BETAT (1) = -8.160

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	.0120	.0080	.4120	.8230	.7640	.7650	.6860
.050				.2320	.1850	.0880	.0690
.081			.3700				
.086		-.0140					
.094	-.0350						
.150				.3540	.2690	.1620	.2110
.177			.3570				
.229	-.0280						
.246		.3120					
.250				.2360	.2180	.2450	.2250
.362	.0010						
.400				.2250	.2120		.2180
.402			.2070				
.497	.4310						
.550				.1050	-.0020		
.565			.1030				-.0260
.600						-.0580	
.650					-.1220		
.700	.0990						
.725				-.0780			
.750						-.1520	-.1990
.760			-.1470				
.775				-.1460	-.2050		
.808			-.1870				
.834	-.1690						
.850				-.2740	-.2510	-.2870	
.857			-.3240				
.865	-.3360						
.900	-.4450			-.3510			-.2640
.905			-.4500				
.950				-.4220	-.3600	-.3670	
.953			-.4880				
.965	-.4440						

MACH (4) = 1.248 BETAT (2) = -6.110

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.0340	-.0280	.3510	.7760	.7250	.7290	.6470
.050				.1700	.1280	.0640	.0130
.081			.3130				
.086		-.0580					
.094	-.0630						

DATE 25 SEP 73 TABULATED PRESSURE DATA - IA9A (RBML06)

AMES 11-7D7 IA9 OEA + S3 + T9 LOWER WING

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (4) = 1.248 BETAT (2) = -6.110

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.150				.3180	.2370	.1170	.1690
.177			.3150				
.229	-.0540						
.246		.1510					
.250				.2020	.1680	.2020	.1950
.362	-.0490						
.400				.1610	.1830		.1940
.402			.1710				
.497	.3840						
.550				.0710	-.0220		
.565			.0700				
.600							-.0450
.650						-.0760	
.700	.0570				-.1470		
.725				-.1310			
.750						-.1740	-.2190
.760			-.1690				
.775				-.1650	-.2270		
.808			-.1970				
.834	-.1890						
.850				-.2790	-.2830	-.3030	
.857			-.3350				
.895	-.3550						
.900	-.4570			-.3540			-.2840
.905			-.4600				
.950				-.4280	-.3650	-.3840	
.953			-.4980				
.965	-.3430						

MACH (4) = 1.248 BETAT (3) = -4.070

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.0800	-.0610	.3160	.7260	.6760	.6810	.6080
.050				.1360	.1010	-.0500	-.0340
.081			.2730				
.106		-.0860					
.094	-.0930						
.150				.2630	.2090	.0840	.1320
.177			.2760				
.229	-.0910						
.246		.1520					
.250				.1720	.1310	.1610	.1620
.362	-.0470						
.400				.1510	.1570		.1720
.402			.1290				
.497	.3310						

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A (RBMLO6)

AMES 11-707 IA9 O2A + S3 + T9 LOWER WING

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (4) = 1.248 BETAT (3) = -4.070

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.550				.0460	-.0390		
.565			.0310				-.0640
.600						-.0910	
.650					-.1660		
.700	.0080			-.1600			
.725						-.1910	-.2350
.750			-.1860				
.760				-.1990	-.2470		
.775			-.2180				
.808							
.834	-.2050			-.2760	-.3090	-.3240	
.850			-.3380				
.857							
.865	-.3720			-.3440			-.2990
.900	-.4730		-.4620				
.905				-.4280	-.3890	-.4040	
.950			-.4970				
.953							
.965	-.3090						

MACH (4) = 1.248 BETAT (4) = -2.030

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.1380	-.0900	.2790	.6760	.6280	.6330	.5620
.050				.1100	.0690	-.0790	-.0710
.081			.2590				
.086		-.1060					
.094	-.1180						
.150				.2030	.1780	.0520	.0840
.177			.2400				
.229	-.1030						
.246		.2100					
.250				.1320	.0840	.1150	.1170
.362	-.0110						
.400				.0790	.0950		.1390
.402			.0660				
.497	.2770						
.550				.0170	-.0700		
.565			-.0010				
.600							-.0910
.650						-.1060	
.700	-.0470				-.1900		
.725				-.1920			
.750						-.2070	-.2460
.760			-.2370				
.775				-.2530	-.2700		

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A (RBWL06)

AMES 11-707 IA9 02A + S3 + T9 LOWER WING

DEPENDENT VARIABLE CP

SECTION (1)LOWER WING

MACH (4) = 1.248 BETAT (4) = -2.030

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.808			-.2390				
.834	-.2320			-.3110	-.3350	-.3350	
.850			-.3670				
.857							
.865	-.3890			-.3650			-.3100
.900	-.4840		-.4840				
.905				-.4410	-.4130	-.4220	
.950			-.4940				
.953							
.965	-.3070						

MACH (4) = 1.248 BETAT (5) = 2.070

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.2920	-.1300	.2690	.3930	.5200	.5300	.4590
.050				.0710	-.0270	-.1670	-.1620
.061			.2270				
.086		-.1360					
.094	-.1600			.1010	.1030	-.0280	.0070
.150							
.177			.1760				
.229	-.1600						
.246		.1910		.0460	-.0050	.0370	.0450
.250							
.362	.1330			-.0050	.0160		.0760
.400			-.0160				
.402							
.497	.1650			-.1070	-.1510		
.550			-.1100				
.565							-.1390
.600						-.1700	
.650					-.2470		
.700	-.1120			-.2260			
.725						-.2600	-.2990
.750			-.2820				
.760				-.2860	-.2920		
.775			-.2880				
.808							
.834	-.2810			-.3610	-.3570	-.3760	
.850			-.4130				
.857							
.865	-.4270			-.4130			-.3630
.900	-.3110		-.5230				
.905				-.4720	-.4260	-.4380	
.950			-.2740				
.953							

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A (RBML06)

AMES 11-707 IA9 C2A + S3 + T9 LOWER WING

DEPENDENT VARIABLE CP

SECTION (1)LOWER WING

MACH (4) = 1.248 BETAT (5) = 2.070

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.965	-.2370						

MACH (4) = 1.247 BETAT (6) = 4.110

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.3670	-.1410	.2710	.5520	.4650	.4760	.4620
.050				.0280	-.0930	-.2250	-.1720
.081			.2060				
.086		-.1530					
.094	-.1880						
.150				.0250	.0430	-.0600	-.0020
.177			.1120				
.229	-.1860						
.246		.1740					
.250				-.0230	-.0530	.0140	.0600
.362	.1270						
.400				-.0270	.0110		.0910
.402			-.0460				
.497	.0330						
.550				-.0990	-.1330		
.565			-.1190				
.600							-.1330
.650						-.1450	
.700	-.1460				-.2150		
.725				-.2050			
.750						-.2300	-.2880
.760			-.2910				
.775				-.2530	-.2820		
.808			-.2990				
.834	-.3020						
.850				-.3360	-.3320	-.3470	
.857			-.4100				
.865	-.3040						
.900	-.2300			-.4040			-.3290
.905			-.4490				
.950				-.4670	-.4050	-.4410	
.953			-.3290				
.965	-.1800						

MACH (4) = 1.248 BETAT (7) = 6.160

Y/BW	.299	.364	.427	.534	.673	.780	.867
X/CW							
.000	-.4230	-.1590	.2270	.5660	.4570	.4550	.3830
.050				.0780	-.0690	-.2220	-.1790
.081			.1890				
.086		-.1080					
.094	-.2250						

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A

AMES 11-707 IA9 OEA + S3 + T9 LOWER WING (RBMLO6)

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (4) = 1.240 BETAT (7) = 6.160

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.150				.0600	.0590	-.0520	-.0230
.177			.1190				
.229	-.2070						
.246		.1330					
.250				.0500	-.0320	-.0140	-.0030
.362	.0780						
.400				-.0500	-.0140		.0420
.402			-.0650				
.497	.0170						
.550				-.0810	-.1450		
.565			-.0890				
.600							-.1430
.650						-.1690	
.700	-.0690				-.2320		
.725				-.2370			
.750						-.2430	-.2940
.760			-.3340				
.775				-.3060	-.2930		
.808			-.3370				
.834	-.2690						
.850				-.4010	-.3510	-.3550	
.857			-.4090				
.865	-.2680						
.900	-.2420			-.4440			-.3450
.905			-.3810				
.950				-.4910	-.4390	-.4380	
.953			-.3700				
.965	-.2350						

MACH (4) = 1.240 BETAT (8) = 8.200

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.4500	-.1750	.2250	.5000	.4080	.4030	.3350
.050				.0570	-.0390	-.1780	-.2020
.081			.1910				
.086		.0230					
.094	-.2480						
.150				.0660	.0460	-.0770	-.0560
.177			.1340				
.229	-.1170						
.246		.1310					
.250				-.0090	-.0600	-.0360	-.0210
.362	.0780						
.400				-.0450	-.0360		.0280
.402			-.0490				
.497	.0670						

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A (RBMLO6)

AMES 11-707 IA9 C2A + S3 + T9 LOWER WING

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (4) = 1.248 BETAT (8) = 8.200

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.550				-.1300	-.1770		
.565			-.1520				-.1680
.600						-.2010	
.650					-.2710		
.700	-.1610			-.2720			
.725						-.2760	-.3240
.750							
.760			-.3620				
.775				-.3460	-.3310		
.808			-.3370				
.834	-.2280						
.850				-.4390	-.3880	-.3910	
.857			-.3090				
.865	-.2290						
.900	-.2100			-.4540			-.3720
.905			-.2890				
.950				-.3940	-.4740	-.4690	
.953			-.2420				
.965	-.1800						

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A

AMES 11-707 IA9 OBA + S3 + T9 LOWER WING (RBMLO7) (27 APR 73)

REFERENCE DATA

SREF =	2.4210 SQ.FT.	XMRP =	28.5300 INCHES		
LREF =	39.8490 INCHES	YMRP =	.0000 INCHES		
BREF =	39.8490 INCHES	ZMRP =	.0000 INCHES		
SCALE =	.0300 SCALE				

PARAMETRIC DATA

ALPHAT =	.000	ORBINC =	.500
RUDDER =	.000	ELEVON =	.000
RUDFLR =	.000		

SECTION (1)LOWER WING

DEPENDENT VARIABLE CP

MACH (1) = .597 BETAT (1) = -8.100

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	.0800	.0890	.3410	.5590	.5120	.5360	.4080
.050				.0410	.0170	.0000	.0150
.081			.1690				
.086		.1110					
.094	.0480						
.150				.0440	.0280	.0180	.0190
.177			.0680				
.229	.0970						
.246		.1510					
.250				-.0450	-.0190	-.0130	-.0040
.362	.1680						
.400				-.1040	-.0850		-.0840
.432			-.1290				
.497	.0720						
.550				-.2660	-.2560		
.565			-.3050				
.600							-.1930
.650						-.2190	
.700	-.3120				-.3020		
.725				-.3150			
.750						-.2220	-.2380
.760			-.3870				
.775				-.2720	-.2520		
.808			-.2580				
.834	-.3360						
.850				-.2150	-.1760	-.1710	
.857			-.2180				
.865	-.2570						
.900	-.1750			-.1190			-.1130
.905			-.1310				
.950				.0170	.0260	.0150	
.953			-.0030				
.965	-.0450						

MACH (1) = .996 BETAT (2) = -6.060

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.0690	.0550	.3250	.5380	.4910	.5120	.3910
.050				.0460	-.0060	-.0270	-.0440
.081			.1330				
.086		.0850					
.094	.0310						

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A (RBNL07)

AMES 11-707 IA9 C2A + S3 + T9 LOWER WING

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (1) = .596 BETAT (2) = -6.060

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.150				.0210	.0060	.0000	.0010
.177			.0430				
.229	.0760						
.246		.1220					
.250				-.0670	-.0350	-.0300	-.0210
.362	.1410						
.400				-.1120	-.1000		-.0950
.402			-.1410				
.497	.0390						
.550				-.2670	-.2580		
.565			-.2970				
.600							-.2020
.650						-.2270	
.700	-.3010				-.2990		
.725				-.3090			
.750						-.2240	-.2410
.760			-.3720				
.775				-.2610	-.2520		
.808			-.2470				
.834	-.3030						
.850				-.2110	-.1750	-.1750	
.857			-.2120				
.865	-.2380						
.900	-.1600			-.1180			-.1130
.905			-.1270				
.950				.0220	.0220	.0110	
.953			-.0020				
.965	-.0470						

MACH (1) = .598 BETAT (3) = -4.050

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.0400	.0350	.3080	.5160	.4710	.4840	.3710
.050				-.0210	-.0190	-.0450	-.0150
.081			.1160				
.085		.0640					
.094	.0210						
.150				.0030	-.0050	-.0060	-.0080
.177			.0270				
.229	.0630						
.246		.1030					
.250				-.0760	-.0430	-.0360	-.0240
.362	.1230						
.400				-.1000	-.1000		-.0960

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A

AMES 11-707 IA9 O2A + S3 + T9 LOWER WING (RBML07)

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (1) = .598 BETAT (3) = -4.050

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.550				-.2440	-.2490		
.565			-.2720				-.2020
.600						-.2220	
.650					-.2900		
.700	-.2770			-.2690			
.725						-.2190	-.2490
.750							
.760			-.3410				
.775				-.2510	-.2430		
.800			-.2300				
.834	-.2710						
.850				-.1990	-.1750	-.1650	
.857			-.2010				
.865	-.2130						
.900	-.1550			-.1110			-.1130
.905			-.1230				
.950				.0170	.0190	.0150	
.953			-.0070				
.965	-.0460						

MACH (1) = .295 BETAT (4) = -2.020

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.0710	.0160	.2630	.4900	.4460	.4590	.3360
.050				-.0640	-.0440	-.0720	-.0370
.081			.0870				
.086		.0410					
.094	.0090						
.150				-.0250	-.0240	-.0250	-.0230
.177			-.0050				
.229	.0490						
.246		.0710					
.250				-.1030	-.0620	-.0490	-.0430
.362	.0930						
.400				-.1140	-.1080		-.1120
.402			-.1490				
.497	-.0220						
.550				-.2470	-.2490		
.565			-.2560				
.600							-.2150
.650						-.2360	
.700	-.2750				-.2840		
.725				-.2820			
.750						-.2240	-.2410
.760			-.3220				
.775				-.2430	-.2430		

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A (RBML07)

AMES 11-707 IA9 O2A + S3 + T9 LOWER WING

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (1) = .595 BETAT (4) = -2.020

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.808			-.2100				
.834	-.2390						
.850				-.1980	-.1750	-.1690	
.857			-.1860				
.865	-.1730						
.900	-.1070			-.1070			-.1050
.905			-.1080				
.950				.0230	.0220	.0140	
.953			-.0020				
.965	-.0480						

MACH (1) = .597 BETAT (5) = .020

Y/BW	.299	.364	.427	.534	.573	.780	.887
X/CW							
.000	-.0980	-.0070	.2590	.4610	.4180	.4280	.3220
.050				-.0910	-.0720	-.1030	-.0730
.081			.0580				
.086		.0200					
.094	.0040						
.150				-.0390	-.0460	-.0430	-.0400
.177			-.0300				
.229	.0280						
.246		.0540					
.250				-.1210	-.0720	-.0650	-.0590
.362	.0690						
.400				-.1190	-.1120		-.1210
.402			-.1530				
.497	-.0510						
.550				-.2410	-.2540		
.565			-.2530				
.600							-.2110
.650						-.2300	
.700	-.2450				-.2890		
.725				-.2770			
.750						-.2210	-.2390
.760			-.3070				
.775				-.2350	-.2420		
.808			-.2000				
.834	-.2100						
.850				-.1920	-.1720	-.1700	
.857			-.1730				
.865	-.1730						
.900	-.1220			-.1000			-.1050
.905			-.1030				
.950				.0230	.0250	.0140	
.953			.0010				

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A (RBML07)

AMES 11-707 IA9 C2A + S3 + T9 LOWER WING

DEPENDENT VARIABLE CP

SECTION (1)LOWER WING

MACH (1) = .597 BETAT (5) = .020

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.965	-.0390						

MACH (1) = .597 BETAT (6) = 2.050

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.1290	-.0300	.2430	.4360	.3930	.4060	.2950
.050				-.1180	-.0960	-.1280	-.0850
.061			.0570				
.086		.0040					
.094	.0010			-.0640	-.0660	-.0590	-.0580
.150							
.177			-.0530				
.229	.0200						
.246		.0330		-.1400	-.0910	-.0770	-.0680
.250							
.362	.0420			-.1200	-.1200		-.1280
.400							
.402			-.1630				
.497	-.0810			-.2410	-.2510		
.550							
.565			-.2490				-.2180
.600						-.2320	
.650					-.2820		
.700	-.2530			-.2730			
.725						-.2230	-.2340
.750							
.760			-.2990	-.2320	-.2470		
.775							
.808			-.1990				
.834	-.2120			-.1900	-.1760	-.1640	
.850							
.857			-.1740				
.865	-.1790			-.1030			-.1030
.900	-.1230						
.905			-.1000				
.950				.0210	.0210	.0140	
.953			-.0110				
.965	-.0560						

MACH (1) = .599 BETAT (7) = 4.080

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.1460	-.0390	.2120	.4030	.3550	.3620	.2470
.050				-.1270	-.0890	-.1050	-.0760
.081			.0280				
.086		-.0110					
.094	-.0170						

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A (RBMLD7)

AMES 11-707 IA9 C2A + S3 + T9 LOWER WING

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (1) = .599 BETAT (7) = 4.080

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.150				-.0620	-.0520	-.0600	-.0700
.177			-.0530				
.229	.0020						
.246		.0200					
.250				-.1290	-.0860	-.0770	-.0700
.362	.0250						
.400				-.1090	-.1180		-.1300
.402			-.1520				
.497	-.0960						
.550				-.2290	-.2510		
.565			-.2130				-.2120
.600						-.2300	
.650					-.2840		
.700	-.2110			-.2640			
.725						-.2240	-.2400
.750							
.760			-.2560				
.775				-.2260	-.2340		
.808			-.1770				
.834	-.1580						
.850				-.1840	-.1690	-.1670	
.857			-.1520				
.865	-.1170						
.900	-.1070			-.1020			-.1030
.905			-.0920				
.950				.0230	.0170	.0100	
.953			-.0050				
.965	-.0780						

MACH (1) = .997 BETAT (8) = 6.110

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.1860	-.0640	.1770	.3680	.3190	.3300	.2060
.050				-.1020	-.0960	-.1110	-.0800
.081			.0450				
.086		-.0200					
.094	-.0270						
.150				-.0620	-.0640	-.0630	-.0720
.177			-.0520				
.229	-.0080						
.246		.0140					
.250				-.1270	-.0810	-.0810	-.0830
.362	.0140						
.400				-.1010	-.1160		-.1340
.402			-.1430				
.497	-.0870						

DATE 20 SEP 79 TABULATED PRESSURE DATA - IA9A

AMES 11-707 IA9 OEA + S3 + T9 LOWER WING (RBMLO7)

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (1) = .587 BETAT (8) = 6.110

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.550				-.2110	-.2370		
.565			-.2020				-.2200
.600						-.2270	
.650					-.2780		
.700	-.1910			-.2490			
.725						-.2280	-.2360
.750							
.760			-.2650				
.775				-.2250	-.2370		
.808			-.1770				
.834	-.1750						
.850				-.2010	-.1730	-.1760	
.857			-.1570				
.865	-.1330						
.900	-.1130			-.1140			-.1060
.905			-.1050				
.950				-.0040	.0050	.0040	
.953			-.0950				
.965	-.1240						

MACH (1) = .587 BETAT (8) = 8.140

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.1690	-.0630	.1530	.3300	.2780	.2840	.1540
.050				-.0670	-.0850	-.0890	-.0480
.081			.0740				
.086		-.0170					
.094	-.0270						
.150				-.0380	-.0430	-.0500	-.0680
.177			-.0170				
.229	-.0150						
.246		.0280					
.250				-.1120	-.0760	-.0690	-.0760
.362	.0250						
.400				-.0790	-.1050		-.1330
.402			-.1170				
.497	-.0570						
.550				-.1850	-.2250		
.565			-.1960				
.600							-.2160
.650						-.2220	
.700	-.1900				-.2710		
.725				-.2390			
.750						-.2230	-.2290
.760			-.2330				
.775				-.2150	-.2360		

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A (RBML07)

AMES 11-707 IA9 02A + S3 + T9 LOWER WING

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (1) = .597 BETAT (9) = 8.140

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.808			-.1540				
.834	-.1770						
.850				-.1970	-.1810	-.1720	
.857			-.1410				
.865	-.1520						
.900	-.1430			-.1310			-.1060
.905			-.1330				
.950				-.0320	-.0090	-.0040	
.953			-.1260				
.965	-.1690						

MACH (2) = .900 BETAT (1) = -8.180

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	.0200	.1310	.4470	.6470	.5840	.5960	.4600
.050				.1630	.1380	.0870	.0660
.081			.3000				
.086		.1770					
.094	.0730			.1750	.1220	.1120	.0560
.150							
.177			.2100				
.229	.1570						
.246		.2750					
.250				.0710	.0810	.0630	.0170
.362	.2910						
.400				.0440	-.0040		-.0790
.402			.0330				
.497	.2360						
.550				-.1640	-.3040		
.565			-.1400				
.600							-.3340
.650						-.3790	
.700	-.0850				-.5440		
.725				-.5080			
.750						-.5050	-.5530
.760			-.7260				
.775				-.6570	-.6060		
.808			-.5570				
.834	-.6330						
.850				-.2020	-.1450	-.1550	
.857			-.1940				
.865	-.4150						
.900	-.2190			-.0480			-.0510
.905			-.0680				
.950				.0580	.0570	.0840	
.953			.0340				

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A (RBML07)

AMES 11-707 IA9 OBA + S3 + T9 LOWER WING

DEPENDENT VARIABLE CF

SECTION (1)LOWER WING

MACH (2) = .900 BETAT (1) = -8.180

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.965	-.0250						

MACH (2) = .899 BETAT (2) = -6.140

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.0010	.1120	.4220	.6240	.5640	.5690	.4310
.050				.1220	.0980	.0510	.0310
.061			.2670				
.086		.1500					
.094	.0610			.1400	.0860	.0620	.0290
.150			.1700				
.177							
.229	.1390						
.246		.2410		.0970	.0920	.0350	-.0080
.250							
.362	.2580			.0800	-.0280		-.1020
.400			-.0010				
.402							
.497	.1940			-.1820	-.3210		
.550			-.1640				
.565							-.3610
.600						-.3950	
.650					-.5160		
.700	-.1100			-.5230			
.725						-.5190	-.5740
.750							
.760			-.7370	-.6660	-.6230		
.775							
.808			-.4130				
.834	-.3270			-.1560	-.1170	-.1190	
.850							
.857			-.1690				
.865	-.3970						-.0290
.900	-.1950			-.0280			
.905			-.0550				
.950				.0770	.0900	.0890	
.953			.0560				
.965	-.0160						

MACH (2) = .899 BETAT (3) = -4.080

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.0310	.0800	.3950	.5960	.5330	.5380	.4100
.050				.0770	.0580	.0410	-.0170
.081			.2310				
.086		.1220					
.094	.0560						

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A (RBML07)

AMES 11-707 IA9 O2A + S3 + T9 LOWER WING

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (2) = .899 BETAT (3) = -4.080

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.150				.0980	.0510	.0460	-.0030
.177			.1320				
.229	.1160						
.246		.2100					
.250				-.0100	.0210	.0070	-.0350
.362	.2290						
.400				-.0080	-.0550		-.1270
.402			-.0380				
.497	.1500						
.550				-.2020	-.3410		
.565			-.1880				
.600							-.3870
.650						-.4120	
.700	-.1420				-.5310		
.725				-.5370			
.750						-.5390	-.5910
.760			-.7310				
.775				-.6570	-.6370		
.808			-.3720				
.834	-.2930						
.850				-.1410	-.1010	-.0960	
.857			-.1660				
.865	-.3890						
.900	-.1860			-.0270			-.0160
.905			-.0570				
.950				.0780	.0750	.0900	
.953			.0620				
.965	-.0150						

MACH (2) = .901 BETAT (4) = -2.030

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.0570	.0590	.3660	.5670	.5020	.5090	.3890
.050				.0220	.0160	-.0420	-.0650
.081			.1920				
.086		.1010					
.094	.0520						
.150				.0590	.0140	.0110	-.0300
.177			.0890				
.229	.1010						
.246		.1810					
.250				-.0490	-.0130	-.0230	-.0610
.362	.1930						
.400				-.0340	-.0800		-.1500
.402			-.0760				
.497	.1960						

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A

AMES 11-7D7 IA9 CRA + S3 + T9 LOWER WING (RBMLG7)

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (2) = .901 BETAT (4) = -2.030

Y/BW	.299	.364	.427	.534	.675	.780	.887
X/CW							
.550				-.2210	-.3600		
.565			-.2080				-.4120
.600						-.4300	
.650					-.5440		
.700	-.1660			-.5550			
.725						-.5510	-.6040
.750							
.760			-.6850				
.775				-.5290	-.6470		
.808			-.3300				
.834	-.2650						
.850				-.1320	-.0950	-.0780	
.857			-.1570				
.865	-.3160						
.900	-.1630			-.0270			.0000
.905			-.0500				
.950				.0820	.0920	.0910	
.953			.0570				
.965	-.0270						

MACH (2) = .901 BETAT (5) = .080

Y/BW	.299	.364	.427	.534	.675	.780	.887
X/CW							
.000	-.0800	.0080	.3050	.5310	.4710	.4690	.3560
.050				-.0190	-.0400	-.0970	-.1090
.081			.1630				
.086		.0780					
.094	.0440						
.150				.0220	-.0250	-.0240	-.0630
.177			.0500				
.229	.0900						
.246		.1470					
.250				-.0830	-.0390	-.0490	-.0850
.362	.1620						
.400				-.0570	-.1020		-.1680
.402			-.1030				
.497	.0440						
.550				-.2390	-.3790		
.565			-.2310				
.600							-.4300
.650						-.4450	
.700	-.1880				-.5490		
.725				-.5700			
.750						-.5700	-.6050
.760			-.4600				
.775				-.3670	-.5980		

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A

AMES 11-707 IA9 C2A + S3 + T9 LOWER WING (RBMLD7)

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (2) = .901 BETAT (5) = .020

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.808			-.3200				
.834	-.2470						
.850				-.1440	-.0850	-.0640	
.857			-.1620				
.865	-.2840						
.900	-.1570			-.0300			.0110
.905			-.0510				
.950				.0870	.1030	.1020	
.953			.0600				
.965	-.0210						

MACH (2) = .901 BETAT (6) = 2.070

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.1120	.0190	.3050	.4950	.4370	.4360	.3280
.050				-.0500	-.0710	-.1110	-.1450
.081			.1420				
.086		.0630					
.094	.0390						
.150				-.0130	-.0510	-.0500	-.0890
.177			.0180				
.229	.0760						
.246		.1220					
.250				-.1130	-.0590	-.0710	-.1060
.362	.1330						
.400				-.0740	-.1190		-.1840
.402			-.1260				
.497	-.0020						
.550				-.2490	-.3930		
.565			-.2430				
.600							-.4440
.650						-.4560	
.700	-.2050				-.5540		
.725				-.5610			
.750						-.5660	-.5830
.760			-.4000				
.775				-.3170	-.4810		
.808			-.3070				
.834	-.2370						
.850				-.1580	-.0910	-.0640	
.857			-.1650				
.865	-.2620						
.900	-.1560			-.0340			.0080
.905			-.0610				
.950				.0870	.1010	.1130	

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A (RBNL07)

AMES 11-707 IA9 C2A + S3 + T9 LOWER WING

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (2) = .901 BETAT (6) = 2.070

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.965	-.0330						

MACH (2) = .906 BETAT (7) = 4.120

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.1220	.0070	.2710	.4640	.4050	.3970	.2300
.050				-.0730	-.0750	-.1180	-.1410
.081			.1230				
.086		.0510					
.094	.0320						
.150				-.0280	-.0570	-.0560	-.0940
.177			.0000				
.229	.0820						
.246		.1040					
.250				-.1160	-.0700	-.0710	-.1130
.362	.1040						
.400				-.0700	-.1240		-.1960
.402			-.1110				
.497	-.0380						
.550				-.2410	-.3940		
.565			-.2250				-.4510
.600						-.4580	
.650					-.5460		
.700	-.1850			-.4700			
.725						-.5290	-.5150
.750							
.760			-.3780				
.775				-.2920	-.4270		
.808			-.2500				
.834	-.2060						
.850				-.1680	-.1280	-.0920	
.857			-.1600				
.865	-.1930						
.900	-.1380			-.0430			-.0250
.905			-.0820				
.950				.0750	.0910	.0940	
.953			.0140				
.965	-.0850						

MACH (2) = .901 BETAT (8) = 6.180

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.660	-.1430	-.0030	.2380	.4220	.3730	.3660	.2520
.050				-.0520	-.0850	-.1260	-.1550
.081			.1320				
.086		.0430					
.094	.0310						

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A (RBMLD7)

AMES 11-707 IA9 C2A + S3 + T9 LOWER WING

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (2) = .901 BETAT (8) = 6.180

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.150				-.0210	-.0630	-.0660	-.1110
.177			.0100				
.229	.0580						
.246		.0930		-.1090	-.0750	-.0860	-.1300
.250							
.362	.0890			-.0710	-.1270		-.2050
.400							
.402			-.1160				
.497	-.0380			-.2360	-.3850		
.550							
.565			-.2190				-.4510
.600						-.4570	
.650					-.5060		
.700	-.1800			-.4310			
.725						-.5180	-.4850
.750							
.760			-.3910				
.775				-.3540	-.5010		
.808			-.2740				
.834	-.2190			-.2220	-.1700	-.1300	
.850							
.857			-.1960				
.865	-.2320			-.0960			-.0470
.900	-.1820		-.1240				
.905				.0330	.0650	.0470	
.950			-.0500				
.953							
.965	-.1290						

MACH (2) = .901 BETAT (9) = 8.220

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.1240	.0020	.1950	.3790	.3230	.3190	.2080
.050				-.0620	-.0670	-.1090	-.1340
.081			.1450				
.086		.0390					
.094	.0170			-.0630	-.0460	-.0620	-.1090
.150			.0290				
.177							
.229	.0450						
.246		.0950		-.0930	-.0690	-.0860	-.1310
.250							
.362	.0860			-.0670	-.1250		-.2090
.400							
.402			-.1160				

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A (RBMLD7)

AMES 11-707 IA9 O2A + S3 + T9 LOWER WING

DEPENDENT VARIABLE CP

SECTION (1)LOWER WING

MACH (2) = .901 BETAT (9) = 0.220

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.550				-.2210	-.3660		
.565			-.2030				-.4530
.600						-.4440	
.650					-.4830		
.700	-.1920			-.3800			
.725						-.5030	-.5800
.750							
.760			-.3090	-.3370	-.4980		
.775							
.808			-.2270				
.834	-.2140			-.2740	-.2400	-.1920	
.850							
.857			-.2220				
.865	-.2020			-.1620			-.0820
.900	-.1970						
.905			-.2020	-.0660	.0030	-.0050	
.950							
.953			-.1710				
.965	-.1990						

MACH (3) = 1.100 BETAT (1) = -0.210

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.1210	-.0280	.5220	.7580	.6880	.7010	.5820
.050				.3020	.2810	.2450	.2240
.081			.4260				
.086		.0450					
.094	-.0990			.3210	.2760	.2740	.2330
.150							
.177			.3460				
.229	-.0390						
.246		.3770		.2290	.2530	.2460	.2130
.250							
.362	.3730			.2350	.1920		.1820
.400							
.402			.2030				
.497	.3820			.0860	-.0340		
.550							
.565			.0890				-.1130
.600						-.1220	
.650					-.2070		
.700	.1410			-.1940			
.725						-.2420	-.2890
.750							
.760			-.3360	-.3140	-.2960		
.775							

DATE 26 SEP 73 TABULATED PRESSURE DATA - IA9A (RBML07)

AMES 11-FT TA9 C2A + S3 + T9 LOWER WING

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (3) = 1.100 BETAT (1) = -8.210

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.808			-.3300				
.834	-.3310						
.850				-.4540	-.3840	-.3970	
.857			-.5090				
.865	-.5200						
.900	-.6130			-.5090			-.3480
.905			-.3760				
.950				-.5160	-.5230	-.4920	
.953			-.2320				
.965	-.1990						

MACH (3) = 1.099 BETAT (2) = -6.140

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.1580	-.0670	.4990	.7270	.6610	.6710	.5520
.050				.2490	.2260	.1900	.1750
.081			.3880				
.086		-.0280					
.094	-.1140						
.150				.2780	.2230	.2340	.1890
.177			.3070				
.229	-.0820						
.246		.3460					
.250				.1730	.2120	.1090	.1820
.362	.3410						
.400				.1970	.1580		.1510
.402			.1430				
.497	.3410						
.550				.0560	-.0560		
.565			.0560				-.1280
.600						-.1460	
.650					-.2260		
.700	.1050						
.725				-.2130			
.750						-.2630	-.3140
.760			-.3480				
.775				-.3290	-.3140		
.808			-.3450				
.834	-.3480						
.850				-.4690	-.4020	-.4170	
.857			-.5230				
.865	-.5330						
.900	-.4810			-.5250			-.3720
.905			-.2370				
.950				-.2890	-.5410	-.5110	

DATE 20 SEP 73 TABULATED PRESSURE DATA - 1A9A (RBML07)

AMES 11-FT 1A9 OEA + S3 + T9 LOWER WING

DEPENDENT VARIABLE CP

SECTION (1)LOWER WING

MACH (3) = 1.099 BETAT (2) = -6.140

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.965	-.1790						

MACH (3) = 1.098 BETAT (3) = -4.080

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.2060	-.1100	.4700	.6950	.6220	.6320	.5290
.050				.1990	.1680	.1140	.1050
.081			.3520				
.086		.0440					
.094	-.1450			.2330	.1580	.1760	.1410
.150			.2620				
.177							
.229	-.1200						
.246		.3120		.1140	.1500	.1610	.1330
.250							
.362	.3060			.1290	.1060		.1090
.400			.0680				
.402							
.497	.2860			-.0040	-.0830		
.550			-.0010				-.1480
.565						-.1630	
.600					-.2450		
.650				-.2310			
.700	-.0090					-.2830	-.3350
.725							
.750			-.3650				
.760				-.3460	-.3330		
.775			-.3610				
.808							
.834	-.3670			-.4830	-.4190	-.4370	
.850			-.5360				
.857							-.3890
.865	-.5450			-.5170			
.900	-.2960						
.905			-.1640	-.2200	-.5540	-.5250	
.950			-.1730				
.953							
.965	-.1400						

MACH (3) = 1.101 BETAT (4) = -2.030

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.2650	-.1420	.4320	.6520	.5850	.5880	.4950
.050				.1500	.1150	.0480	.0520
.081			.3130				
.086		.1170					
.094	-.1780						

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A (RBM_07)

AMES 11-707 IA9 O2A + S3 + T9 LOWER WING

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (3) = 1.101 BETAT (4) = -2.030

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.150				.1890	.1070	.1260	.1010
.177			.2140				
.229	-.1100						
.246		.2760		.0560	.0840	.1240	.0960
.250							
.362	.2710			.0710	.0680		.0820
.400							
.402			.0170				
.497	.2370			-.0670	-.1250		
.550							
.565			-.0890				-.1790
.600						-.2080	
.650					-.2770		
.700	-.1110			-.2370			
.725						-.3110	-.3680
.750							
.760			-.3770				
.775				-.3480	-.3330		
.808			-.3700				
.834	-.3900						
.850				-.4880	-.4230	-.4260	
.857			-.5470				
.865	-.5310						
.900	-.3020			-.3250			-.4220
.905			-.1830				
.950				-.1860	-.5580	-.5220	
.953			-.1710				
.965	-.1260						

MACH (3) = 1.099 BETAT (5) = 2.070

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.4470	-.1570	.3470	.5780	.5250	.5140	.4350
.050				.0710	.0490	-.0420	-.0740
.081			.2500				
.086		.0880					
.094	-.2260						
.150				.1290	.0470	.0160	.0290
.177			.1280				
.229	.0820						
.246		.2010					
.250				-.0110	-.0150	.0440	.0590
.362	.1960						
.400				-.0570	.0180		.0690
.402			-.1030				
.497	.1090						

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A (RBML07)

AMES 11-707 IA9 OBA + S3 + T9 LOWER WING

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (3) = 1.099 BETAT (5) = 2.070

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.550				-.0530	-.1220		
.565			-.0540				-.1870
.600						-.2070	
.650					-.2830		
.700	-.0830			-.2860			
.725						-.3190	-.3700
.750							
.760			-.4240				
.775				-.3980	-.3740		
.808			-.4150				
.834	-.4300						
.850				-.5330	-.4630	-.4730	
.857			-.5790				
.865	-.3560						
.900	-.2620			-.1880			-.4270
.905			-.2110				
.950				-.1590	-.3020	-.5650	
.953			-.1590				
.965	-.1270						

MACH (3) = 1.100 BETAT (8) = 4.140

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.5350	-.1880	.3080	.5570	.5000	.4790	.4190
.050				.0230	.0070	-.0490	-.0950
.081			.2510				
.086		.0900					
.094	-.2450						
.150				.1210	.0200	.0060	.0330
.177			.0780				
.229	.0860						
.246		.1910					
.250				-.0400	-.0230	.0470	.0640
.362	.1680						
.400				-.0370	.0180		.0570
.402			-.0850				
.497	.0100						
.550				-.0560	-.1280		
.565			-.0770				
.600							-.2070
.650						-.2170	
.700	-.1220				-.2920		
.725				-.2950			
.750						-.3260	-.3780
.760			-.4330				
.775				-.4070	-.3810		

DATE 20 SEP 79 TABULATED PRESSURE DATA - IA9A (RBML07)

AMES 11-7ft IA9 C2A + S3 + T9 L/WER WING

DEPENDENT VARIABLE CP

SECTION (1)LOWER WING

MACH (3) = 1.100 BETAT (6) = 4.140

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.808			-.4140				
.834	-.3130						
.850				-.5390	-.4660	-.4790	
.857			-.4820				
.865	-.3150						
.900	-.2570			-.2120			-.4330
.905			-.2530				
.950				-.1740	-.3080	-.5680	
.953			-.1440				
.965	-.1530						

MACH (3) = 1.101 BETAT (7) = 6.200

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.5820	-.1940	.2580	.5180	.4550	.4510	.3910
.050				.0560	-.0110	-.0310	-.0950
.081			.2370				
.086		.0950					
.094	-.2760			.0770	.0900	.0050	.0430
.150							
.177			.1150				
.229	.0630						
.246		.1790		-.0170	-.0320	.0430	.0690
.250							
.362	.1510			-.0320	.0210		.0510
.400							
.402			-.0720				
.497	.0720						
.550				-.0820	-.1390		
.565			-.1150				
.600							-.2180
.650						-.2290	
.700	-.1340				-.3050		
.725				-.3130			
.750						-.3340	-.3960
.760			-.4240				
.775				-.4180	-.3870		
.808			-.3430				
.834	-.2390						
.850				-.5220	-.4770	-.4820	
.857			-.3720				
.865	-.2510						
.900	-.2130			-.4920			-.4390
.905			-.3030				
.950				-.1730	-.2400	-.5590	
.953			-.1480				

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A

AMES 11-7FT IA9 C2A + S3 + T9 LOWER WING (RBMLD7)

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (3) = 1.101 BETAT (7) = 6.200

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.985	-.1710						

MACH (3) = 1.101 BETAT (8) = 8.250

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.6090	-.1290	.2110	.4560	.4040	.4090	.3670
.050				.1010	.0160	-.0390	-.0260
.081			.2430				
.086		.0620					
.094	-.3070						
.150				.1050	.0260	.0270	.0780
.177			.1380				
.229	.0200						
.246		.1530					
.250				-.0160	-.0090	.0450	.0710
.362	.1220						
.400				-.0270	-.0140		.0530
.402			-.0780				
.497	.0860						
.550				-.1080	-.1220		
.565			-.1500				
.600							-.2120
.650						-.2180	
.700	-.1930				-.2970		
.725				-.2880			
.750						-.3280	-.3800
.760			-.3190				
.775				-.3550	-.3790		
.808			-.2630				
.834	-.2190						
.850				-.4240	-.4630	-.4800	
.857			-.2670				
.865	-.2160						
.900	-.2080			-.3910			-.4360
.905			-.2540				
.950				-.2980	-.4650	-.5700	
.953			-.2040				
.965	-.2130						

MACH (4) = 1.249 BETAT (1) = -8.160

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.0020	.0150	.4860	.8310	.7560	.7650	.6610
.050				.3330	.3170	.2620	.2750
.081			.4450				
.086		.0350					
.094	-.0030						

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A (RBML07)

AMES 11-707 IA9 OEA + S3 + T9 LOWER WING

DEPENDENT VARIABLE CP

SECTION (1)LOWER WING

MACH (4) = 1.249 BETAT (1) = -8.160

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.150				.3860	.3280	.2750	.2850
.177			.4050				
.229	.0080						
.246		.3720					
.250				.2750	.2810	.3150	.2850
.352	.0810						
.400				.2760	.2600		.2670
.402			.2400				
.497	.4550						
.550				.1450	.0330		
.565			.1430				.0110
.600						-.0180	
.650					-.0870		
.700	.1340			-.0280			
.725						-.1170	-.1710
.750							
.760			-.1270	-.1320	-.1300		
.775							
.808			-.1770				
.834	-.1480			-.2660	-.2200	-.2510	
.850							
.857			-.3070				
.865	-.3260			-.3410			-.2330
.900	-.4360						
.905			-.4370	-.4110	-.3510	-.3180	
.950							
.953			-.4750				
.965	-.4430						

MACH (4) = 1.248 BETAT (2) = -6.110

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.0350	-.0250	.3880	.7990	.7280	.7290	.6250
.050				.2840	.2800	.2270	.2410
.081			.3960				
.086		-.0150					
.094	-.0410						
.150				.3540	.2970	.2300	.2610
.177			.3680				
.229	-.0400						
.246		.3000					
.250				.2420	.2390	.2910	.2590
.362	-.0010						
.400				.2380	.2390		.2440
.402			.2080				
.497	.4160						

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A

AMES 11-707 IA9 C2A + S3 + T9 LOWER WING (RBNL07)

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (4) = 1.248 BETAT (2) = -6.110

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.550				.1210	.0130		
.565			.1090				-.0060
.600						-.0350	
.650					-.1070		
.700	.0930			-.0480			
.725						-.1310	-.1780
.750							
.760			-.1340				
.775				-.1340	-.1820		
.808			-.1820				
.834	-.1680						
.850				-.2690	-.2280	-.2870	
.857			-.3180				
.865	-.3330						
.900	-.4450			-.3450			-.2480
.905			-.4440				
.950				-.4180	-.3550	-.3520	
.953			-.4810				
.965	-.3450						

MACH (4) = 1.248 BETAT (3) = -4.080

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.0980	-.0610	.3470	.7530	.6870	.6920	.5820
.050				.2430	.2390	.1870	.1960
.081			.3560				
.086		-.0520					
.094	-.0670						
.150				.3120	.2650	.1770	.2360
.177			.3270				
.229	-.0540						
.246		.2450					
.250				.2060	.1910	.2500	.2310
.362	-.0270						
.400				.1900	.2030		.2210
.402			.1710				
.497	.3610						
.550				.0860	-.0460		
.565			.0750				
.600							-.0280
.650						-.0580	
.700	.0430				-.1290		
.725				-.1180			
.750						-.1520	-.2040
.760			-.1530				
.775				-.1500	-.2070		

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A

AMES 11-7D7 IA9 C2A + S3 + T9 LOWER WING (RBMLD7)

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (4) = 1.248 BETAT (3) = -4.080

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.808			-.1900				
.834	-.1870						
.850				-.2720	-.2690	-.2870	
.857			-.3300				
.865	-.3510						
.900	-.4510			-.3490			-.2620
.905			-.4550				
.950				-.4210	-.3570	-.3720	
.953			-.4920				
.965	-.3120						

MACH (4) = 1.247 BETAT (4) = -2.030

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.1700	-.1000	.3070	.6970	.6360	.6450	.5380
.050				.2120	.2040	.1530	.1450
.081			.3280				
.086		-.0840					
.094	-.0860						
.150				.2690	.2330	.1360	.1910
.177			.2870				
.229	-.0680						
.246		.2510					
.250				.1720	.1400	.1950	.1880
.362	-.0090						
.400				.1210	.1490		.1860
.402			.0990				
.497	.3060						
.550				.0510	-.0250		
.565			.0290				
.600							-.0470
.650						-.0750	
.700	-.0110				-.1530		
.725				-.1510			
.750						-.1730	-.2210
.760			-.1860				
.775				-.1830	-.2330		
.808			-.2130				
.834	-.2100						
.850				-.2800	-.2890	-.3030	
.857			-.3400				
.865	-.3740						
.900	-.4740			-.3520			-.2800
.905			-.4650				
.950				-.4290	-.3710	-.3850	
.953			-.5020				

DATE 20 SEP 73 TABULATED PRESSURE DATA - 1A9A (RBMLO7)

AMES 11-707 1A9 CBA + S3 + T9 LOWER WING

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (4) = 1.247 BETAT (4) = -2.030

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.965	-.3080						

MACH (4) = 1.247 BETAT (5) = 2.060

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.3260	-.1710	.3430	.6310	.5390	.5560	.4490
.050				.1480	.1040	.0630	.0540
.081			.3090				
.086		-.1190					
.094	-.1290						
.150				.1660	.1560	.0610	.1070
.177			.2070				
.229	-.1280						
.246		.2080					
.250				.1000	.0550	.1070	.1170
.362	.1680						
.400				.0330	.0690		.1320
.402			.0080				
.497	.1850						
.550				-.0620	-.1110		
.565			-.0830				
.600							-.1040
.650						-.1380	
.700	-.0870				-.1950		
.725				-.1790			
.750						-.2280	-.2690
.760			-.2560				
.775				-.2350	-.2600		
.808			-.2730				
.834	-.2660						
.850				-.3410	-.3160	-.3240	
.857			-.3980				
.865	-.4170						
.900	-.3670			-.3960			-.3340
.905			-.5080				
.950				-.4580	-.3890	-.4150	
.953			-.2570				
.965	-.2210						

MACH (4) = 1.245 BETAT (6) = 4.100

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.4010	-.1630	.2880	.5880	.4910	.4990	.4520
.050				.1050	.0250	.0000	.0350
.081			.2560				
.086		-.1320					
.094	-.1640						

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A (RBMLO7)

AMES 11-707 IA9 O2A + S3 + T9 LOWER WING

DEPENDENT VARIABLE CP

SECTION (1)LOWER WING

MACH (4) = 1.245 BETAT (6) = 4.100

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.150				.0770	.0960	.0260	.1480
.177			.1460				
.229	-.1610						
.246		.1850					
.250				.0120	.0020	.1560	.1340
.362	.1550						
.400				.0040	.0660		.1320
.402			-.0090				
.497	.0510						
.550				-.0340	-.0600		
.565			-.0720				
.600							-.0910
.650						-.1040	
.700	-.1070				-.1830		
.725				-.1470			
.750						-.2030	-.2420
.760			-.2510				
.775				-.2200	-.2240		
.808			-.2660				
.834	-.2980						
.850				-.3190	-.2880	-.3330	
.857			-.3840				
.865	-.2880						
.900	-.2070			-.3920			-.3050
.905			-.4660				
.950				-.4630	-.3980	-.3790	
.953			-.3230				
.965	-.2130						

MACH (4) = 1.246 BETAT (7) = 6.150

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.100	-.4210	-.1660	.1850	.5580	.4870	.4740	.3880
.050				.1470	.0490	-.0110	.0260
.081			.2410				
.086		-.1180					
.094	-.2020						
.150				.0930	.0960	.0620	.1650
.177			.1510				
.229	-.1850						
.246		.1580					
.250				.0370	.0380	.0640	.0710
.362	.1180						
.400				.0080	.0400		.0980
.402			-.0190				

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A

AMES 11-7D7 IA9 C2A + S3 + T9 LOWER WING (RBMLD7)

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (4) = 1.246 BETAT (7) = 6.150

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.550				-.0210	-.0930		
.565			-.0370				-.1100
.600						-.1190	
.650					-.1820		
.700	-.0460			-.2000			
.725						-.1990	-.2530
.750							
.760			-.3000				
.775				-.2690	-.2550		
.808			-.3050				
.834	-.2460						
.850				-.3620	-.3070	-.3140	
.857			-.3340				
.865	-.2460						
.900	-.2260			-.4200			-.2970
.905			-.3500				
.950				-.4890	-.4190	-.3960	
.953			-.3600				
.965	-.2220						

MACH (4) = 1.247 BETAT (8) = 8.190

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.4460	-.1800	.1740	.4880	.4230	.4170	.3220
.050				.1320	.0770	.0010	-.0170
.081			.2410				
.086		.0270					
.094	-.2380						
.150				.1490	.0840	-.0100	.0410
.177			.1730				
.229	-.1220						
.246		.1370					
.250				.0060	-.0290	.0450	.0640
.362	.0990						
.400				-.0060	.0270		.0780
.402			-.0410				
.497	.0980						
.550				-.0700	-.1280		
.565			-.1110				
.600							-.1370
.650						-.1570	
.700	-.1340				-.2280		
.725				-.2450			
.750						-.2410	-.2940
.760			-.3440				
.775				-.3120	-.2950		

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A (RBML07)

AMES 11-707 IA9 CRA + S3 + T9 LOWER WING

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (4) = 1.247 BETAT (8) = 8.190

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.808			-.3180				
.834	-.2130			-.4020	-.3500	-.3600	
.850			-.3040				
.857							-.3390
.865	-.2210			-.4150			
.900	-.1990		-.2770				
.905				-.3970	-.4330	-.4290	
.950			-.2380				
.953							
.965	-.1770						

MACH (5) = 1.395 BETAT (1) = -8.180

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	.0310	.0600	.4270	.8530	.7880	.8270	.7370
.050				.1540	.2560	.2440	.2490
.081			.1760				
.086		.0350					
.094	.0350			.4170	.3910	.2480	.3270
.150			.2230				
.177							
.229	.0370						
.246		.1100		.3570	.2000	.3390	.3280
.250							
.362	.0480			.3170	.3140		.3510
.400			.3150				
.402							
.497	.4460			.2080	.1010		
.550							
.565			.2080				.0920
.600						.0640	
.650					-.0090		
.700	.2040			.0120			
.725						-.0370	-.0810
.750							
.760			-.0150	-.0220	-.0840		
.775							
.808			-.0530				
.834	-.0270			-.1320	-.1450	-.1670	
.850							
.857			-.1740				
.865	-.1950			-.2040			-.1380
.900	-.2930						
.905			-.2970	-.2770	-.2260	-.2440	
.950							
.953			-.3110				

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A

AMES 11-7D7 IA9 O2A + S3 + T9 LOWER WING (RBMLO7)

SECTION (1)LOWER WING

DEPENDENT VARIABLE CP

MACH (5) = 1.395 BETAT (1) = -8.180

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.965	-.4250						

MACH (5) = 1.395 BETAT (2) = -8.120

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.0140	.0230	.3620	.8140	.7440	.7610	.7080
.050				.1360	-.0370	.1200	.1960
.081			.1310				
.086		.0110					
.094	.0070						
.150				.1470	.4120	.2400	.2780
.177			.2030				
.229	.0090						
.246		.0610					
.250				.3500	.1900	.2960	.2940
.362	.0160						
.400				.2840	.2870		.3340
.402			.2560				
.497	.3780						
.550				.1970	.0860		
.565			.1890				
.600							.0780
.650						.0560	
.700	.1620				-.0290		
.725				-.0100			
.750						-.0480	-.0920
.760			-.0400				
.775				-.0660	-.0970		
.808			-.0660				
.834	-.0390						
.850				-.1400	-.1670	-.1770	
.857			-.1780				
.865	-.2070						
.900	-.3030			-.2040			-.1530
.905			-.3010				
.950				-.2770	-.2570	-.2540	
.953			-.3150				
.965	-.4320						

MACH (5) = 1.397 BETAT (3) = -4.080

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.0610	-.0100	.3440	.7570	.7060	.7170	.6760
.050				.1050	-.0650	-.1960	.1360
.081			.0930				
.086		-.0240					
.094	.0330						

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A (R9MLG7)

AMES 11-707 IA9 C2A + S3 + T9 LOWER WING

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (5) = 1.397 BETAT (3) = -4.080

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.150				.1070	.2550	.2570	.2590
.177			.2040				
.229	-.0300						
.246		.0380		.3470	.1640	.2730	.2520
.250							
.362	-.0180			.2240	.2460		.2660
.400							
.402			.2040				
.497	.2960			.1650	.0540		
.550							
.565			.1420				.0520
.600						.0330	
.650					-.0420		
.700	.1140			-.0330			
.725						-.0630	-.1120
.750							
.760			-.0680				
.775				-.0980	-.1140		
.808			-.0790				
.834	-.0530			-.1740	-.1780	-.1890	
.850							
.857			-.1980				
.865	-.2170			-.2150			-.1530
.900	-.3100						
.905			-.3150				
.950				-.2810	-.2770	-.2630	
.953			-.3250				
.965	-.4370						

MACH (5) = 1.398 BETAT (4) = .020

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.1780	-.1140	.2590	.6080	.5820	.6100	.5720
.050				.0430	-.0800	-.1630	.0540
.081			.0660				
.086		-.0640					
.094	-.0270						
.150				.0970	.0990	.2320	.1280
.177			.1840				
.229	-.0850						
246		.0120					
.250				.1430	.1750	.2410	.2110
.362	-.0460						
.400				.1700	.1760		.2710
.402			.1690				
.497	.1880						

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A (RBML07)

AMES 11-7FT IA9 C2A + S3 + T9 LOWER WING

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (5) = 1.396 BETAT (4) = .020

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.550				.0490	-.0150		
.565			.0260				.0000
.600						-.0350	
.650					-.1120		
.700	.0160			-.1050			
.725						-.1290	-.1610
.750			-.1570				
.760				-.1690	-.1800		
.775			-.1520				
.808							
.834	-.1270			-.2470	-.2280	-.2440	
.850			-.2430				
.857							
.865	-.2750			-.2690			-.2200
.900	-.3570		-.3310				
.905				-.3090	-.3080	-.3180	
.950			-.3640				
.953							
.965	-.3420						

MACH (5) = 1.394 BETAT (5) = 4.110

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.2720	-.1740	.1750	.5990	.5020	.5210	.4910
.050				.0830	-.0530	-.0260	-.0020
.081			.0880				
.086		-.0900					
.094	-.0980			.0280	.1660	.0570	.0730
.150							
.177			.1410				
.229	-.1180						
.246		.0080		.0670	-.0590	.0650	.0730
.250							
.362	-.0830			.0040	.0480		.1480
.400							
.402			.0080				
.497	.0420			-.0110	-.0540		
.550							
.565			-.0230				-.0220
.600						-.0720	
.650					-.1500		
.700	-.0610			-.1300			
.725						-.1550	-.1820
.750							
.760			-.2040				
.775				-.1960	-.1840		

DATE 20 SEP 79 TABULATED PRESSURE DATA - IA9A (RBMLO7)

AMES 11-707 IA9 C2A + S3 + T9 LOWER WING

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (5) = 1.394 BETAT (5) = 4.110

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.808			-.2050				
.834	-.2060			-.2790	-.2380	-.2570	
.850			-.2980				
.857							
.865	-.3290			-.3140			-.2350
.900	-.3200		-.3940				
.905				-.3510	-.3290	-.3140	
.950			-.4000				
.953							
.965	-.2540						

MACH (5) = 1.392 BETAT (6) = 8.210

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.3800	-.1600	.0670	.4570	.4160	.4110	.3840
.050				.0470	.0500	-.0430	-.0460
.081			.1180				
.086		-.1310					
.094	-.1800			.1110	.0670	.0210	.0860
.150							
.177			.0780				
.229	-.1790						
.246		.0630		.0320	-.0250	.0760	.0730
.250							
.362	-.0100			-.0050	.0230		.1490
.400			-.0190				
.402							
.497	-.0550			-.0280	-.0820		
.550			-.0630				
.565							-.0350
.600						-.0980	
.650					-.1820		
.700	-.1220			-.2050			
.725						-.1630	-.1960
.750							
.760			-.2740				
.775				-.2500	-.2440		
.808			-.2780				
.834	-.2290						
.850				-.3210	-.2870	-.2650	
.857			-.3540				
.865	-.2670						
.900	-.2340			-.3620			-.2430
.905			-.3700				
.950				-.4050	-.3430	-.3310	
.953			-.3190				

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A (RBMLO7)

AMES 11-707 IA9 C2A + S3 + T9 LOWER WING

DEPENDENT VARIABLE CP

SECTION (1)LOWER WING

MACH (5) = 1.392 BETAT (6) = 8.210

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.965	-.2140						

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A (RBML08) (27 APR 73)

AMES 11-707 IA9 C2A + S3 + T9 LOWER WING

REFERENCE DATA

SREF = 2.4210 SQ.FT. XMRP = 28.5300 INCHES
LREF = 39.8490 INCHES YMRP = .0000 INCHES
BREF = 39.8490 INCHES ZMRP = .0000 INCHES
SCALE = .0300 SCALE

PARAMETRIC DATA

ALPHAT = 2.000 ORBINC = .500
RUDDER = .000 ELEVON = .000
RUDFLR = .000

SECTION (1)LOWER WING

DEPENDENT VARIABLE CP

MACH (1) = .599 BETAT (1) = -8.090

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.0330	.0290	.2540	.4550	.3700	.3810	.1060
.050				.1570	.1680	.1520	.2050
.081			.2360				
.086		.1250					
.094	.0650						
.150				.1090	.1140	.1090	.1090
.177			.1250				
.229	.1150						
.246		.1900					
.250				.0100	.0430	.0500	.0590
.362	.1890						
.400				-.0670	-.0400		-.0410
.402			-.0690				
.497	.0960						
.550				-.2470	-.2350		
.565			-.2790				
.600							-.1660
.650						-.2060	
.700	-.2970				-.2910		
.725				-.3140			
.750						-.2120	-.2350
.760			-.3840				
.775				-.2760	-.2480		
.808			-.2540				
.834	-.3330						
.850				-.2150	-.1840	-.1770	
.857			-.2250				
.865	-.2590						
.900	-.1740			-.1250			-.1290
.905			-.1360				
.950				.0130	.0100	-.0010	
.953			-.0100				
.965	-.0400						

MACH (1) = .998 BETAT (2) = -6.060

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.0720	-.1050	.2430	.4510	.3660	.3600	.0730
.050				.1230	.1440	.1410	.1870
.081			.2070				
.086		.1020					
.094	.0540						

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A

AMES 11-707 IA9 O2A + S3 + T9 LOWER WING (RBMLO8)

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (1) = .598 BETAT (2) = -6.060

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.150				.0940	.0930	.0990	.0900
.177			.0970				
.229	.0980						
.246		.1660					
.250				-.0090	.0510	.0410	.0430
.362	.1650						
.400				-.0680	-.0510		-.0500
.402			-.0980				
.497	.0740						
.550				-.2320	-.2290		
.585			-.2880				
.600							-.1780
.650						-.2000	
.700	-.2740				-.2620		
.725				-.2890			
.750						-.2140	-.2300
.760			-.3630				
.775				-.2590	-.2410		
.808			-.2410				
.834	-.2980						
.850				-.2100	-.1790	-.1770	
.857			-.2080				
.885	-.2540						
.900	-.1550			-.1190			-.1240
.905			-.1240				
.950				.0180	.0120	.0000	
.953			-.0050				
.965	-.0400						

MACH (1) = .598 BETAT (3) = -4.040

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.1070	-.0260	.2280	.4340	.3540	.3430	.0730
.050				.1010	.1120	.1180	.1690
.081			.1680				
.086		.0800					
.094	.0460						
.150				.0730	.0830	.0830	.0700
.177			.0760				
.229	.0780						
.246		.1450					
.250				-.0130	.0210	.0290	.0360
.362	.1420						
.410				-.0660	-.0520		-.0520
.412			-.0980				
.497	.0420						

DATE 30 SEP 75 TABULATED PRESSURE DATA - IA9A

AMES 11-707 IA9 CBA + S3 + T9 LOWER WING (RBMLO8)

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (1) = .596 BETAT (3) = -4.040

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.550				-.2260	-.2180		
.565			-.2510				
.600							-.1760
.650						-.1970	
.700	-.2530				-.2710		
.725				-.2730			
.750						-.2070	-.2270
.760			-.3330				
.775				-.2410	-.2400		
.808			-.2210				
.834	-.2600						
.850				-.2000	-.1750	-.1700	
.857			-.1930				
.865	-.2090						
.900	-.1470			-.1110			-.1180
.905			-.1140				
.950				.0150	.0130	.0050	
.953			-.0070				
.965	-.0430						

MACH (1) = .597 BETAT (4) = -2.010

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.1420	-.0540	.2090	.4210	.3390	.3360	.0440
.050				.0580	.0810	.0870	.1440
.081			.1560				
.086		.0540					
.094	.0280						
.150				.0490	.0600	.0640	.0510
.177			.0520				
.229	.0590						
.246		.1160					
.250				-.0360	.0050	.0220	.0180
.362	.1240						
.410				-.0690	-.0570		-.0630
.402			-.1100				
.497	.0120						
.550				-.2080	-.2160		
.565			-.2360				
.600							-.1790
.650						-.2010	
.700	-.2430				-.2640		
.725				-.2660			
.750						-.2070	-.2280
.760			-.3020				
.775				-.2340	-.2340		

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A (RBMLD8)

AMES 11-707 IA9 OEA + S3 + T9 LOWER WING

DEPENDENT VARIABLE CP

SECTION (1)LOWER WING

MACH (1) = .597 BETAT (4) = -2.010

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.808			-.2040				
.834	-.2360			-.1990	-.1740	-.1720	
.850			-.1780				
.857							
.865	-.1780			-.1100			-.1140
.900	-.1150		-.1090				
.905				.0190	.0130	.0040	
.950			-.0040				
.953							
.965	-.0370						

MACH (1) = .598 BETAT (5) = .020

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.1890	-.0810	.1990	.4000	.3220	.3140	.0970
.050				.0540	.0540	.0790	.1230
.081			.1370				
.086		.0340					
.094	.0190			.0240	.0450	.0450	.0910
.150			.0910				
.177							
.229	.0400						
.246		.0990		-.0590	-.0070	.0080	-.0030
.250							
.362	.0910			-.0720	-.0650		-.0730
.400			-.1130				
.402							
.497	-.0210			-.2110	-.2200		
.550			-.2250				
.565							-.1810
.600						-.2060	
.650					-.2720		
.700	-.2260			-.2600			
.725						-.2090	-.2320
.750							
.760			-.2920				
.775				-.2250	-.2350		
.808			-.1930				
.834	-.2160			-.1880	-.1720	-.1660	
.850			-.1760				
.857							
.865	-.1680			-.1090			-.1170
.900	-.1100		-.1090				
.905				.0190	.0180	.0060	
.950			-.0060				
.953							

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A (RBMLOB)

AMES 11-707 IA9 OBA + S3 + T9 LOWER WING

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (1) = .598 BETAT (5) = .020

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.965	-.0400						

MACH (1) = .599 BETAT (6) = 2.050

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.2180	-.1080	.1610	.3720	.3080	.3050	.0340
.050				-.0050	.0210	.0390	.1020
.081			.1070				
.086		.0010					
.094	-.0010						
.150				.0070	.0140	.0160	.0130
.177			-.0010				
.229	.0250						
.246		.0650					
.250				-.0780	-.0310	-.0140	-.0240
.362	.0630						
.400				-.0850	-.0680		-.0910
.402			-.1240				
.497	-.0520						
.550				-.2130	-.2220		
.565			-.2240				
.600							-.1890
.650						-.2110	
.700	-.2220				-.2710		
.725				-.2630			
.750						-.2210	-.2390
.760			-.2950				
.775				-.2310	-.2390		
.808			-.1940				
.834	-.2110						
.850				-.2060	-.1800	-.1820	
.857			-.1840				
.865	-.1830						
.900	-.1470			-.1170			-.1200
.905			-.1270				
.950				.0080	.0070	-.0010	
.953			-.0220				
.965	-.0680						

MACH (1) = .596 BETAT (7) = 4.080

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.2500	-.1260	.1340	.3460	.2650	.2570	-.0520
.050				-.0010	.0220	.0520	.1860
.081			.0990				
.086		-.0110					
.094	-.0090						

DATE 20 SEP 79 TABULATED PRESSURE DATA - IA9A (RBML08)

AMES 11-7D7 IA9 C2A + S3 + T9 LOWER WING

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (1) = .596 BETAT (7) = 4.080

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.150				.0030	.0090	.0270	.0060
.177			-.0010				
.229	.0110						
.246		.0540		-.0790	-.0240	-.0110	-.0260
.250							
.362	.0440			-.0670	-.0710		-.0940
.400							
.402			-.1120				
.497	-.0550			-.1890	-.2150		
.550							
.565			-.1960				-.2080
.600						-.2100	
.650					-.2630		
.700	-.1620			-.2480			
.725						-.2140	-.2340
.750							
.760			-.2670				
.775				-.2230	-.2340		
.800			-.1820				
.834	-.1790			-.1950	-.1700	-.1780	
.850							
.857			-.1720				
.865	-.1480			-.1160			-.1160
.900	-.1200						
.905			-.1150				
.950				.0030	.0020	-.0030	
.953			-.0320				
.965	-.0860						

MACH (1) = .598 BETAT (8) = 6.110

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.2790	-.1600	.0900	.2950	.2250	.2170	-.0860
.050				.0090	.0310	.0430	.0920
.081			.1110				
.086		-.0260					
.094	-.0220			.0090	.0160	.0220	.0060
.150							
.177			.0050				
.229	-.0030						
.246		.0500		-.0680	-.0150	-.0180	-.0250
.250							
.362	.0280			-.0570	-.0680		-.1010
.400							
.402			-.0930				
.497	-.0530						

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A

AMES 11-707 IA9 C2A + S3 + T9 LOWER WING (RBMLD8)

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (1) = .598 BETAT (8) = 6.110

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.550				-.1760	-.2030		
.565			-.1600				-.1990
.600						-.2060	
.650					-.2620		
.700	-.1580			-.2390			
.725						-.2130	-.2310
.750							
.760			-.2510				
.775				-.2200	-.2330		
.808			-.1770				
.834	-.1810						
.850				-.1960	-.1810	-.1740	
.857			-.1700				
.865	-.1570						
.900	-.1400			-.1200			-.1150
.905			-.1280				
.950				-.0060	.0010	-.0060	
.953			-.0540				
.965	-.1290						

MACH (1) = .599 BETAT (9) = 8.140

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.2530	-.1270	.0280	.2370	.1670	.1550	-.1580
.050				.0360	.0430	.0560	.0970
.081			.1250				
.086		-.0320					
.094	-.0380						
.150				.0180	.0180	.0240	-.0010
.177			.0290				
.229	-.0140						
.246		.0610					
.250				-.0520	-.0200	-.0150	-.0330
.362	.0320						
.400				-.0500	-.0610		-.1020
.402			-.0780				
.497	-.0230						
.550				-.1460	-.1980		
.565			-.1620				
.600							-.1970
.650						-.2030	
.700	-.1590				-.2540		
.725				-.2180			
.750						-.2130	-.2310
.760			-.2270				
.775				-.2080	-.2310		

DATE 20 SEP 75 TABULATED PRESSURE DATA - IA9A

AMES 11-707 IA9 C2A + S3 + T9 LOWER WING (RBWL08)

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (1) = .999 BETAT (9) = 8.140

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.808			-.1560				
.834	-.1600						
.850				-.1890	-.1800	-.1730	
.857			-.1540				
.865	-.1610						
.900	-.1440			-.1250			-.1180
.905			-.1290				
.950				-.0350	-.0160	-.0140	
.953			-.1200				
.965	-.1480						

MACH (2) = .902 BETAT (1) = -0.180

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.0340	.0890	.3920	.6010	.5070	.5140	.3010
.080				.2620	.2540	.2250	.2320
.081			.3610				
.086		.2000					
.094	.1010						
.150				.2350	.2050	.1940	.1360
.177			.2590				
.229	.1750						
.246		.3080					
.250				.1260	.1430	.1280	.0850
.362	.3130						
.400				.0870	.0450		-.0100
.402			.0720				
.497	.2600						
.550				-.1340	-.2580		
.565			-.1140				
.600							-.2710
.650						-.3360	
.700	-.0610				-.4640		
.725				-.4800			
.750						-.4550	-.4830
.760			-.7090				
.775				-.6210	-.5630		
.808			-.5750				
.834	-.6360						
.850				-.2520	-.3610	-.5460	
.857			-.1930				
.865	-.3860						
.900	-.2010			-.0660			-.3380
.905			-.0670				
.950				.0570	.0520	-.0020	
.953			.0460				

DATE 24 SEP 73 TABULATED PRESSURE DATA - IA9A (RBMLD8)

AMES 11-7D7 IA9 C2A + S3 + T9 LOWER WING

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (2) = .902 BETAT (1) = -6.180

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.965	-.0260						

MACH (2) = .901 BETAT (2) = -6.130

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.0780	.0480	.3670	.5780	.4890	.4970	.2820
.050				.2180	.2160	.1880	.1990
.081			.3260				
.086		.1640					
.094	.0800						
.150				.1960	.1720	.1630	.1050
.177			.2180				
.229	.1450						
.246		.2730					
.250				.0910	.1150	.1020	.0560
.362	.2780						
.400				.0590	.0200		-.0270
.402			.0390				
.497	.2200						
550				-.1530	-.2830		
.565			-.1360				
.600							-.2920
.650						-.3540	
.700	-.0860				-.4820		
.725				-.4950			
.750						-.4730	-.5110
.760			-.7230				
.775				-.6330	-.5830		
.808			-.4150				
.834	-.4190						
.850				-.1840	-.2480	-.3900	
.857			-.1800				
.865	-.3700						
.900	-.1830			-.0530			-.2330
.905			-.0690				
.950				.0710	.0720	.0220	
.953			.0550				
.965	-.0210						

MACH (2) = .899 BETAT (3) = -4.090

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.1180	.0180	.3430	.5580	.4700	.4820	.2580
.050				.1700	.1730	.1480	.1610
.081			.2870				
.086		.1320					
.094	.0690						

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A (RBMLG8)

AMES 11-707 IA9 O2A + S3 + T9 LOWER WING

DEPENDENT VARIABLE CP

SECTION (1)LOWER WING

MACH (2) = .899 BETAT (3) = -4.090

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.150				.1590	.1340	.1320	.0750
.177			.1770				
.229	.1220						
.246		.2390		.0530	.0820	.0760	.0320
.250							
.362	.2440			.0340	-.0070		-.0540
.400							
.402			.0040				
.497	.1720			-.1710	-.3030		
.550							
.565			-.1600				-.3140
.600						-.3720	
.650					-.4910		
.700	-.1180			-.5120			
.725						-.4880	-.5210
.750							
.760			-.7360				
.775				-.6280	-.5940		
.808			-.3450				
.834	-.2970			-.1640	-.1900	-.2420	
.850							
.857			-.1720				
.865	-.3330			-.0510			-.1210
.900	-.1620						
.905			-.0700				
.950				.0810	.0910	.0580	
.953			.0600				
.965	-.0180						

MACH (2) = .900 BETAT (4) = -2.030

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.100	-.1540	-.0100	.3180	.5320	.4590	.4610	.2510
.050				.1260	.1240	.0950	.1150
.081			.2500				
.086		.1000					
.094	.0600			.1190	.0970	.0970	.0410
.150							
.177			.1320				
.229	.1030						
.246		.2020		.0190	.0480	.0470	.0020
.250							
.362	.2070			.0660	-.0280		-.0980
.400							
.402			-.0350				
.497	.1260						

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A (RBNL08)

AMES 11-7D7 IA9 O2A + S3 + T9 LOWER WING

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (2) = .900 BETAT (4) = -2.030

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.550				-.1920	-.3280		
.565			-.1860				-.3300
.600						-.3910	
.650					-.5040		
.700	-.1430			-.5260		-.5140	-.5445
.725							
.750			-.7070				
.760				-.5300	-.6120		
.775			-.2620				
.808							
.834	-.2810			-.1630	-.1550	-.1850	
.850			-.1650				
.857							
.865	-.2700			-.0500			-.0880
.900	-.1370		-.0680				
.905				.0780	.0990	.0720	
.950			.0560				
.953							
.965	-.0210						

MACH (2) = .902 BETAT (5) = 2.070

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.2140	-.0620	.2500	.4615	.3990	.4080	.2110
.050				.0480	.0310	.0210	.0495
.081			.1900				
.086		.0560					
.094	.0390			.0510	.0320	.0370	-.0130
.150							
.177			.0620				
.229	.0710						
.246		.1420		-.0510	-.0070	-.0620	-.0460
.250							
.362	.1360			-.0380	-.0740		-.1440
.400							
.402			-.0880				
.497	.0220			-.2250	-.3580		
.550							
.565			-.2250				-.3910
.600						-.4150	
.650					-.5210		
.700	-.1840			-.5350			
.725						-.5250	-.5790
.750							
.760			-.4460				
.775				-.3090	-.5910		

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A

AMES 11-7ft IA9 CEA + 33 + T9 LOWER WING (RBMLOB)

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (2) = .902 BETAT (5) = 2.070

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.808			-.2710				
.834	-.2620						
.850				-.1930	-.1420	-.1320	
.857			-.1910				
.865	-.2410						
.900	-.1520			-.0860			-.0750
.935			-.0920				
.950				.0690	.1020	.0780	
.953			.0300				
.965	-.0410						

MACH (2) = .903 BETAT (6) = 4.120

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.2280	-.0720	.2110	.4240	.3540	.3640	.1610
.050				.0310	.0240	.0190	.0460
.081			.1760				
.086		.0400					
.094	.0310						
.150				.0370	.0240	.0290	-.0220
.177			.0480				
.229	.0610						
.246		.1200					
.250				-.0560	-.0080	-.0120	-.0570
.362	.1090						
.400				-.0380	-.0780		-.1430
.402			-.0850				
.497	-.0100						
.550				-.2240	-.3500		
.565			-.2140				
.600							-.3980
.650						-.4140	
.700	-.1720				-.5030		
.725				-.4370			
.750						-.4680	-.4040
.760			-.3620				
.775				-.2640	-.3610		
.808			-.2140				
.834	-.2050						
.850				-.1860	-.1640	-.1460	
.857			-.1580				
.865	-.1610						
.900	-.1140			-.0580			-.0710
.935			-.0750				
.950				.0670	.0890	.0730	
.953			.0230				

AMES 11-707 IA9 C2A + 63 + T9 LOWER WING (RBNL08)

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (2) = .903 BETAT (6) = 4.120

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.965	-.0680						

MACH (2) = .904 BETAT (7) = 6.180

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.1980	-.0730	.1530	.3750	.3120	.3200	.1150
.050				.0490	.0990	.0180	.0370
.081			.1800				
.086		.0310					
.094	.0250						
.150				.0380	.0180	.0230	-.0320
.177			.0580				
.229	.0570						
.246		.1150					
.250				-.0550	-.0110	-.0240	-.0680
.362	.0970						
.400				-.0350	-.0770		-.1480
.402			-.0780				
.497	-.0090						
.550				-.2140	-.3370		
.565			-.1970				
.600							-.3890
.650						-.3910	
.700	-.1650				-.4410		
.725				-.4020			
.750						-.4160	-.4030
.760			-.3480				
.775				-.2830	-.3800		
.808			-.2190				
.834	-.2260						
.850				-.2250	-.2000	-.1730	
.857			-.1780				
.865	-.1840						
.900	-.1450			-.1020			-.0640
.905			-.0990				
.950				.0250	.0550	.0420	
.953			-.0290				
.965	-.1060						

MACH (2) = .901 BETAT (8) = 8.230

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.2080	-.0520	.0750	.3170	.2550	.2620	.0410
.050				.0830	.0470	.0240	.0510
.081			.1960				
.086		.0280					
.094	.0090						

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A

AMES 11-7D7 IA9 CEA + 83 + T9 LOWER WING (RBMLD8)

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (2) = .901 BETAT (8) = 0.230

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.150				.0520	.0250	.0240	-.0400
.177			.0840				
.229	.0430						
.246		.1220					
.250				-.0460	-.0110	-.0180	-.0800
.362	.0690						
.400				-.0360	-.0690		-.1540
.402			-.0840				
.497	.0140						
.550				-.1920	-.3230		
.565			-.1850				
.600							-.3980
.650						-.3650	
.700	-.1820				-.4140		
.725				-.3290			
.750						-.4070	-.4930
.760			-.2840				
.775				-.2750	-.4180		
.808			-.2040				
.834	-.2110						
.850				-.2480	-.2640	-.2180	
.857			-.1880				
.865	-.1800						
.900	-.1670			-.1370			-.0950
.905			-.1690				
.950				-.0960	-.0060	-.0110	
.953			-.1480				
.965	-.1730						

MACH (3) = 1.099 BETAT (1) = -8.200

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.1180	-.0360	.4870	.7210	.6410	.6490	.4520
.050				.4170	.4050	.3830	.3850
.081			.5000				
.086		.1730					
.094	-.0690						
.150				.3920	.3720	.3630	.3130
.177			.4110				
.229	.0170						
.246		.4280					
.250				.3020	.3240	.3140	.2740
.362	.4110						
.400				.2860	.2510		.2250
.402			.2610				
.497	.4230						

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A

AMES 11-707 IA9 CEA + S3 + T9 LOWER WING (RBMLO8)

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (3) = 1.099 BETAT (1) = -8.200

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.550				.1220	-.0010		
.565			.1340				-.0480
.600						-.0770	
.650					-.1730		
.700	.1780			-.1670			
.725						-.2090	-.2460
.750							
.760			-.3190				
.775				-.2900	-.2820		
.808			-.3070				
.834	-.3150						
.850				-.4320	-.3560	-.3630	
.857			-.4900				
.865	-.5050						
.900	-.6580			-.4890			-.3000
.905			-.5070				
.950				-.5610	-.4960	-.4630	
.953			-.2250				
.965	-.1890						

MACH (3) = 1.100 BETAT (2) = -6.150

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.1680	-.0860	.4540	.7000	.6190	.6270	.4330
.050				.3690	.3560	.3400	.3550
.081			.4670				
.086		.1200					
.094	-.0800						
.150				.3510	.3320	.3320	.2850
.177			.3720				
.229	-.0060						
.246		.3930					
.250				.2590	.2920	.2890	.2490
.362	.3720						
.400				.2570	.2230		.1880
.402			.2180				
.497	.3730						
.550				.1030	-.0170		
.565			.1050				
.600							-.0720
.650						-.0940	
.700	.1510				-.1870		
.725				-.1810			
.750						-.2190	-.2620
.760			-.3270				
.775				-.3020	-.2770		

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A (RBML08)

AMES 11-707 IA9 C2A + S3 + T9 LOWER WING

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (3) = 1.100 BETAT (2) = -6.150

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.808			-.3200				
.834	-.3270			-.4420	-.3660	-.3790	
.850			-.5000				
.857				-.5010			-.3190
.865	-.5130						
.900	-.5900		-.3510	-.4430	-.5080	-.4750	
.905							
.950			-.2090				
.953							
.965	-.1750						

MACH (3) = 1.100 BETAT (3) = -4.080

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.2520	-.1230	.4100	.8610	.5850	.3920	.4020
.050				.3140	.2950	.2820	.3100
.081			.4250				
.086		.1000					
.094	-.1140			.2990	.2750	.2860	.2460
.150			.3190				
.177							
.229	-.0640						
.246		.3460		.1960	.2450	.2510	.2160
.250							
.362	.3210			.2160	.1860		.1520
.400							
.402			.1560				
.497	.3170			.0730	-.0410		
.550							
.565			.0670				-.1080
.600						-.1190	
.650					-.2090		
.700	.1010			-.2030			
.725						-.2410	-.2870
.750							
.760			-.3460				
.775				-.3200	-.2990		
.808			-.3420				
.834	-.3510			-.4610	-.3890	-.4010	
.850							
.857			-.5180				
.865	-.5310			-.5210			-.3370
.900	-.3730						
.905			-.1820				
.950				-.2200	-.5260	-.4940	
.953			-.1700				

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A (RBMLD8)

AMES 11-707 IA9 C2A + S3 + T9 LOWER WING

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (3) = 1.100 BETAT (3) = -4.090

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.965	-.1510						

MACH (3) = 1.099 BETAT (4) = -2.030

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.3200	-.1810	.3740	.6190	.5380	.5560	.3920
.050				.2460	.2270	.2150	.2650
.081			.3670				
.086		.1030					
.094	-.1510						
.150				.2400	.2040	.2390	.2040
.177			.2560				
.229	.0110						
.246		.2970					
.250				.1230	.1860	.2080	.1850
.362	.2710						
.400				.1610	.1500		.1200
.402			.0730				
.497	.2470						
.550				.0360	-.0640		
.565			.0310				-.1300
.600						-.1430	
.650					-.2250		
.700	.0750			-.2230			
.725						-.2560	-.3040
.750							
.760			-.3640				
.775				-.3360	-.3110		
.808			-.3560				
.834	-.3730						
.850				-.4740	-.3990	-.4110	
.857			-.5310				
.865	-.5370						
.900	-.2870			-.4150			-.3480
.905			-.1600				
.950				-.1710	-.5390	-.4980	
.953			-.1550				
.965	-.1140						

MACH (3) = 1.100 BETAT (5) = 2.060

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.5170	-.1980	.2670	.5480	.4630	.4960	.3560
.050				.1390	.1520	.1560	.2010
.081			.2700				
.086		.0650					
.094	-.2100						

DATE 01 SEP 73 TABULATED PRESSURE DATA - IA9A

AMES 11-7U7 IA9 CBA + S3 + T9 LOWER WING (RSHL08)

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (3) = 1.100 BETAT (5) = 2.080

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.150				.1500	.1280	.1910	.1600
.177			.1550				
.229	.0730						
.246		.1950					
.250				.0370	.1500	.1700	.1440
.362	.1710						
.400				.1230	.1040		.1090
.402			.0360				
.497	.1080						
.550				-.0210	-.0970		
.565			-.0360				
.600							-.1580
.650						-.1740	
.700	-.0270				-.2640		
.725				-.2780			
.750						-.2870	-.3390
.760			-.4240				
.775				-.3850	-.3500		
.806			-.4070				
.834	-.4340						
.850				-.5130	-.4950	-.4400	
.857			-.5520				
.865	-.3240						
.900	-.2570			-.1670			-.3910
.905			-.1760				
.950				-.1300	-.3190	-.5280	
.953			-.1270				
.965	-.1000						

MACH (3) = 1.097 BETAT (6) = 4.130

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.5800	-.1890	.2330	.4940	.4670	.4680	.3220
.050				.1240	.1270	.1310	.1790
.081			.2370				
.086		.0680					
.094	-.2460						
.150				.1310	.1190	.1630	.1350
.177			.1160				
.229	.0830						
.246		.1830					
.250				.0330	.1220	.1480	.1240
.362	.1620						
.400				.0970	.0790		.1050
.402			.0250				
.497	.0270						

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A

AMES 11-707 IA9 CBA + S3 + T9 LOWER WING (RBNL06)

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (3) = 1.097 BETAT (6) = 4.130

Y/BW	.299	.364	.427	.534	.675	.780	.887
X/CW							
.550				-.0330	-.1140		
.565			-.0540				-.1720
.600						-.1650	
.650					-.2730		
.700	-.0820			-.2810			
.725						-.2970	-.3410
.750							
.760			-.4260				
.775				-.3690	-.3530		
.808			-.4100				
.834	-.3500						
.850				-.5160	-.4410	-.4490	
.857			-.4690				
.865	-.3070						
.900	-.2540			-.1900			-.4000
.905			-.2070				
.950				-.1380	-.2210	-.5410	
.953			-.1110				
.965	-.1240						

MACH (3) = 1.100 BETAT (7) = 6.180

Y/BW	.299	.364	.427	.534	.675	.780	.887
X/CW							
.000	-.5980	-.2000	.2080	.4620	.3940	.4270	.2840
.050				.1230	.1240	.1120	.1630
.081			.2660				
.086		.0610					
.094	-.2780						
.150				.1340	.1120	.1500	.1160
.177			.1420				
.229	.0750						
.246		.1870					
.250				.0310	.1170	.1240	.1110
.362	.1540						
.400				.1080	.0620		.0870
.402			-.0120				
.497	.0940						
.550				-.0600	-.1360		
.565			-.0790				
.600							-.1870
.650						-.1940	
.700	-.0810				-.2790		
.725				-.2950			
.750						-.3030	-.3550
.760			-.4120				
.775				-.3960	-.3580		

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A

AMES 11-707 IA9 C2A + S3 + T9 LOWER WING (RBMLO8)

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (3) = 1.100 BETAT (7) = 0.180

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.808			-.3210				
.834	-.2280						
.850				-.4940	-.4450	-.4510	
.857			-.3350				
.865	-.2400						
.900	-.2090			-.3890			-.4070
.905			-.3180				
.950				-.1240	-.1560	-.4730	
.953			-.1240				
.965	-.1670						

MACH (3) = 1.101 BETAT (8) = 0.290

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.6230	-.1400	.1140	.4060	.3400	.3870	.2450
.050				.1740	.1280	.1260	.1850
.081			.2760				
.086		.0690					
.094	-.3220						
.150				.1360	.1060	.1600	.1250
.177			.1740				
.229	.0470						
.246		.1800					
.250				.0360	.1180	.1330	.1060
.362	.1440						
.400				.0710	.0690		.0820
.402			-.0290				
.497	.1020						
.550				-.0690	-.1330		
.565			-.0820				
.600							-.1910
.650						-.2000	
.700	-.1750				-.2890		
.725				-.2990			
.750						-.3070	-.3600
.760			-.3280				
.775				-.3530	-.3680		
.808			-.2570				
.834	-.2050						
.850				-.4020	-.4500	-.4580	
.857			-.2690				
.865	-.2040						
.900	-.1920			-.3860			-.4160
.905			-.2570				
.950				-.2770	-.3020	-.5490	
.953			-.1860				

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A

AMES 11-707 IA9 C2A + S3 + T9 LOWER WING (RBMLO8)

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (3) = 1.101 BETAT (8) = 8.250

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.965	-.1990						

MACH (4) = 1.248 BETAT (1) = -0.160

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.0380	.0010	.5250	.8130	.7320	.7390	.6070
.050				.4240	.4040	.3630	.4090
.081			.5100				
.086		.0520					
.094	.0340						
.150				.4290	.3980	.3430	.3580
.177			.4460				
.229	.0340						
.246		.4340					
.250				.3280	.3210	.3690	.3390
.362	.2460						
.400				.3350	.3100		.2910
.402			.2750				
.497	.4760						
.550				.2310	.0880		
.565			.2360				
.600							.0540
.650						.0310	
.700	.2680				-.0420		
.725				-.0190			
.750						-.0770	-.1240
.760			-.1220				
.775				-.1230	-.1240		
.808			-.1660				
.834	-.1370						
.850				-.2570	-.2060	-.2180	
.857			-.2990				
.865	-.3200						
.900	-.4310			-.3300			-.1790
.905			-.4290				
.950				-.4020	-.3380	-.3020	
.953			-.4670				
.965	-.4340						

MACH (4) = 1.250 BETAT (2) = -6.110

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.0690	-.0550	.4300	.7850	.7010	.7050	.5730
.050				.3770	.3640	.3240	.3830
.081			.4710				
.086		.0100					
.094	.1410						

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A (RBML08)

AMES 11-707 IA9 C2A + S3 + T9 LOWER WING

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (4) = 1.250 BETAT (2) = -6.110

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.150				.3950	.3610	.3080	.3290
.177			.4080				
.229	.0020						
.246		.3650					
.250				.2920	.2760	.3450	.3130
.362	.0720						
.400				.2990	.2840		.2580
.402			.2350				
.497	.4330						
.550				.1630	.0560		
.585			.1520				.0280
.600						.0010	
.650					-.0710		
.700	.1300			-.0150			
.725						-.0980	-.1510
.750							
.760			-.1270				
.775				-.1260	-.1100		
.806			-.1720				
.834	-.1480						
.850				-.2990	-.2060	-.2300	
.857			-.3010				
.865	-.3230						
.900	-.4320			-.3320			-.1970
.905			-.4300				
.950				-.4030	-.3400	-.3030	
.953			-.4660				
.965	-.3590						

MACH (4) = 1.249 BETAT (3) = -4.070

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.1370	-.1130	.3740	.7480	.6630	.6690	.5370
.050				.3350	.3250	.2780	.3440
.081			.4330				
.086		-.0340					
.094	-.0310						
.150				.3560	.3160	.2570	.2990
.177			.3670				
.229	-.0310						
.246		.3030					
.250				.2520	.2140	.3130	.2850
.362	.0320						
.400				.2380	.2520		.2310
.402			.1960				
.497	.3810						

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A (RBML08)

AMES 11-707 IA9 O2A + S3 + T9 LOWER WING

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (4) = 1.249 BETAT (3) = -4.070

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.550				.1280	.0310		
.565			.1060				.0080
.600						-.0140	
.650					-.0930		
.700	.0700			-.0410			
.725						-.1190	-.1680
.750			-.1320				
.760				-.1280	-.1710		
.775			-.1620				
.808							
.834	-.1620			-.2650	-.2220	-.2600	
.850			-.3120				
.857							
.865	-.3360			-.3400			-.2130
.900	-.4440		-.4410				
.905				-.4130	-.3430	-.3410	
.950			-.4750				
.953							
.965	-.3340						

MACH (4) = 1.248 BETAT (4) = -2.030

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.2290	-.1640	.3370	.6920	.6200	.6260	.4940
.050				.2970	.2810	.2400	.2880
.081			.3930				
.086		-.0660					
.094	-.0550			.3110	.2650	.2030	.2510
.150							
.177			.3240				
.229	-.0510						
.246		.2740		.2050	.1650	.2530	.2400
.250							
.362	.0440			.1560	.1970		.1950
.400			.1180				
.402							
.497	.3220			.0920	.0070		
.550			.0610				
.565							-.0150
.600						-.0360	
.650					-.1160		
.700	.0050			-.1090			
.725						-.1350	-.1750
.750							
.760			-.1500				
.775				-.1410	-.1920		

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A

AMES 11-707 IA9 O2A + S3 + T9 LOWER WING (RBMLG8)

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (4) = 1.248 BETAT (4) = -2.030

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.808			-.1870				
.834	-.1920						
.850				-.2680	-.2600	-.2790	
.857			-.3270				
.865	-.3520						
.900	-.4540			-.3430			-.2350
.905			-.4530				
.950				-.4150	-.3460	-.3620	
.953			-.4860				
.965	-.3100						

MACH (4) = 1.248 BETAT (5) = 2.080

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.3790	-.2840	.3000	.6040	.5210	.5260	.4060
.050				.1910	.1870	.1570	.2010
.081			.3080				
.086		-.0970					
.094	-.1170						
.150				.1970	.1790	.1210	.1740
.177			.2070				
.229	-.1170						
.246		.2130					
.250				.1050	.0670	.1650	.1730
.362	.1720						
.400				.0530	.1140		.1550
.402			.0140				
.497	.1720						
.550				-.0160	-.0750		
.565			-.0080				
.600							-.0670
.650						-.0990	
.700	-.0340				-.1420		
.725				-.1370			
.750						-.1590	-.2410
.760			-.2340				
.775				-.2070	-.1900		
.808			-.2570				
.834	-.2690						
.850				-.3140	-.2560	-.2630	
.857			-.3800				
.865	-.4150						
.900	-.3410			-.3920			-.2680
.905			-.4980				
.950				-.4610	-.3880	-.3640	
.953			-.2600				

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A (RBNL08)

AMES 11-707 IA9 C2A + S3 + T9 LOWER WING

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (4) = 1.246 BETAT (5) = 2.060

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.965	-.2090						

MACH (4) = 1.246 BETAT (6) = 4.110

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.4170	-.2320	.2440	.5560	.4700	.4350	.4160
.050				.1450	.1290	.0990	.2170
.081			.2750				
.086		-.1150					
.094	-.1470						
.150				.1070	.1330	.1160	.2110
.177			.1430				
.229	-.1340						
.246		.2020					
.250				.0280	.0480	.2200	.1890
.362	.1710						
.400				.0430	.1650		.2020
.402			.0260				
.497	.0360						
.550				.0260	-.0200		
.565			-.0080				
.600							-.0420
.650						-.0610	
.700	-.0610				-.1400		
.725				-.1000			
.750						-.1610	-.2190
.760			-.2170				
.775				-.2060	-.1880		
.808			-.2520				
.834	-.2640						
.850				-.3260	-.2750	-.2900	
.857			-.3810				
.865	-.2990						
.900	-.1920			-.3910			-.2710
.905			-.4870				
.920				-.4570	-.3950	-.3730	
.953			-.3020				
.965	-.2350						

MACH (4) = 1.247 BETAT (7) = 6.150

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.4320	-.2060	.1520	.5530	.4660	.4800	.3400
.050				.1710	.1140	.1370	.1610
.081			.2720				
.086		-.1030					
.094	-.1850						

DATE 25 SEP 73 TABULATED PRESSURE DATA - IA9A

AMES 11-707 IA9 02A + S3 + T9 LOWER WING (RBMLO8)

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (4) = 1.247 BETAT (7) = 6.150

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.150				.1130	.2070	.0920	.1420
.177			.1700				
.229	-.1600						
.246		.1660					
.250				.1650	.0390	.1270	.1480
.362	.1430						
.400				.0460	.0920		.1710
.402			.0140				
.497	.0260						
.550				.0440	-.0400		
.565			.0130				
.600							-.0360
.650						-.0890	
.700	-.0140				-.1490		
.725				-.1610			
.750						-.1680	-.2160
.760			-.2710				
.775				-.2390	-.2250		
.8[illegible]			-.2820				
.834	-.2280						
.850				-.3510	-.3040	-.3120	
.857			-.3700				
.865	-.2400						
.900	-.2100			-.4100			-.2790
.903			-.3600				
.950				-.4690	-.4130	-.3940	
.953			-.3450				
.965	-.2060						

MACH (4) = 1.245 BETAT (8) = 8.200

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.4500	-.2110	.1230	.4860	.4070	.4100	.2920
.050				.1960	.1400	.0790	.1340
.081			.2670				
.086		.0580					
.094	-.2150						
.150				.1520	.1120	.0510	.1360
.177			.2000				
.229	-.0320						
.246		.1450					
.250				.0310	.0340	.1370	.1330
.362	.1270						
.400				.0420	.0910		.1470
.402			-.0080				
.497	.1410						

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A (RBMLO8)

AMES 11-707 IA9 O2A + S3 + T9 LOWER WING

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (4) = 1.245 BETAT (8) = 8.200

Y/BW	.299	.364	.427	.534	.675	.780	.887
X/CW							
.550				-.0250	-.0670		
.565			-.0660				-.1010
.600						-.1230	
.650					-.1980		
.700	-.1180			-.2170			
.725						-.2130	-.2700
.750			-.3120				
.760				-.2780	-.2640		
.775			-.2730				
.808							
.834	-.1990			-.3620	-.3270	-.3390	
.850			-.2610				
.857							
.865	-.2010			-.3690			-.3130
.900	-.1840		-.2740				
.905				-.3950	-.4280	-.4180	
.950			-.2200				
.953							
.965	-.1560						

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A (RBMLD9) (27 APR 73)

AMES 11-707 IA9 C2A + S3 + T9 LOWER WING

REFERENCE DATA

SREF = 2.4210 SQ.FT. XMRP = 28.5300 INCHES
LREF = 39.6490 INCHES YMRP = .0000 INCHES
BREF = 39.6490 INCHES ZMRP = .0000 INCHES
SCALE = .0900 SCALE

PARAMETRIC DATA

ALPHAT = 4.000 ORBINC = .900
RUDDER = .000 ELEVON = .000
RUDFLR = .000

SECTION (1)LOWER WING

DEPENDENT VARIABLE CP

MACH (1) = .598 BETAT (1) = -8.090

Y/BW	.299	.364	.427	.534	.675	.780	.887
X/CW							
.000	-.1120	-.0800	.1380	.3070	.1780	.1220	-.3120
.050				.2820	.2830	.2840	.3360
.081			.3090				
.086		.1480					
.094	.0860			.1770	.1940	.1980	.1600
.150			.1780				
.177							
.229	.1420						
.246		.2360		.0880	.1080	.1150	.1180
.250							
.362	.2227			-.0130	.0080		.0100
.400			-.0480				
.402							
.497	.1410			-.2080	-.1800		
.550			-.2440				
.565							-.1320
.600						-.1680	
.650					-.2560		
.700	-.2540			-.2840			
.725						-.1900	-.2030
.750			-.3600				
.760				-.2490	-.2250		
.775			-.2900				
.808							
.834	-.3130			-.2040	-.1680	-.1690	
.850			-.2130				
.857							
.865	-.2480			-.1210			-.1300
.900	-.1710		-.1250				
.905				.0100	.0080	-.0060	
.950			-.0050				
.953							
.965	-.0380						

MACH (2) = .597 BETAT (2) = -6.060

Y/BW	.299	.364	.427	.534	.675	.780	.887
X/CW							
.000	-.1510	-.1120	.1360	.3070	.1630	.1090	-.3540
.050				.2310	.2600	.2640	.3210
.081			.2750				
.086		.1190					
.094	.0800						

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A (RBNL09)

AMES 11-707 IA9 C2A + S3 + T9 LOWER WING

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (1) = .597 BETAT (2) = -6.060

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.150				.1590	.1710	.1740	.1630
.177			.1540				
.229	.1140						
.246		.2060					
.250				.0430	.0940	.1070	.0990
.362	.1930						
.400				-.0210	.0050		.0040
.402			-.0590				
.497	.1090						
.550				-.1900	-.1810		
.565			-.2360				
.600							-.1400
.650						-.1680	
.700	-.2470				-.2560		
.725				-.2710			
.750						-.1920	-.2110
.760			-.3480				
.775				-.2420	-.2300		
.808			-.2320				
.834	-.2950						
.850				-.2090	-.1730	-.1700	
.857			-.2000				
.865	-.2250						
.900	-.1480			-.1220			-.1330
.905			-.1260				
.950				.0120	.0070	-.0050	
.953			-.0090				
.965	-.0360						

MACH (1) = .598 BETAT (3) = -4.030

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.1680	-.1360	.1140	.2920	.1620	.1030	-.3680
.050				.1980	.2330	.2440	.2970
.081			.2500				
.086		.0970					
.094	.0650						
.150				.1410	.1570	.1670	.1430
.177			.1290				
.229	.0970						
.246		.1800					
.250				.0330	.0800	.0930	.0780
.362	.1720						
.400				-.0210	.0000		-.0130
.402			-.0580				
.497	.0810						

\TE 20 SEP 73 TABULATED PRESSURE DATA - IA9A (RSHL09)

AMES 11-707 IA9 C2A + S3 + T9 LOWER WING

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (1) = .900 BETAT (3) = -4.030

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.550				-.1790	-.1790		
.565			-.2180				-.1460
.600						-.1700	
.650					-.2480		
.700	-.2240			-.2540			
.725						-.1910	-.2140
.750							
.760			-.3300				
.775				-.2280	-.2800		
.808			-.2150				
.834	-.2580						
.850				-.1960	-.1720	-.1730	
.857			-.1890				
.865	-.2100						
.900	-.1400			-.1160			-.1380
.905			-.1200				
.950				.0150	.0070	-.0070	
.953			-.0080				
.965	-.0460						

MACH (1) = .900 BETAT (4) = -2.010

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.2400	-.1710	.0080	.2830	.1560	.0870	-.3080
.050				.1670	.2050	.2160	.2750
.061			.2240				
.066		.0810					
.094	.0490						
.150				.1100	.1350	.1400	.1250
.177			.1070				
.229	.0770						
.246		.1530					
.250				.0140	.0650	.0820	.0690
.362	.1420						
.400				-.0360	-.0060		-.0250
.402			-.0700				
.497	.0570						
.550				-.1760	-.1770		
.565			-.2040				
.600							-.1490
.650						-.1740	
.700	-.2220				-.2450		
.725				-.2480			
.750						-.1940	-.2150
.760			-.3010				
.775				-.2290	-.2160		

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A (RBML09)

AMES 11-707 IA9 C2A + S3 + T9 LOWER WING

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (1) = .598 BETAT (4) = -2.010

Y/BW	.299	.364	.427	.534	.673	.760	.887
X/CW							
.608			-.1960				
.634	-.2330						
.650				-.1910	-.1660	-.1680	
.857			-.1770				
.865	-.1850						
.900	-.1300			-.1140			-.1220
.905			-.1150				
.950				.0110	.0050	-.0030	
.953			-.0080				
.965	-.0500						

MACH (1) = .596 BETAT (5) = .020

Y/BW	.299	.364	.427	.534	.673	.760	.887
X/CW							
.000	-.2660	-.1990	.0900	.2730	.1490	.0690	-.3710
.050				.1390	.1640	.1920	.2540
.061			.1990				
.086		.0440					
.094	.0310						
.150				.0960	.1090	.1260	.1110
.177			.0870				
.229	.0610						
.246		.1350					
.250				-.0040	.0560	.0720	.0530
.362	.1230						
.400				-.0290	-.0140		-.0300
.402			-.0730				
.497	.0210						
.550				-.1750	-.1710		
.565			-.2060				
.600							-.1570
.650						-.1730	
.700	-.2110				-.2350		
.725				-.2400			
.750						-.1880	-.2150
.760			-.2840				
.775				-.2120	-.2100		
.808			-.1890				
.834	-.2080						
.850				-.1820	-.1670	-.1620	
.857			-.1730				
.865	-.1710						
.900	-.1200			-.1070			-.1130
.905			-.1080				
.950				.0170	.0060	.0050	
.953			-.0060				

TE 20 SEP 73 TABULATED PRESSURE DATA - IA9A (RBML09)

AMES 11-707 IA9 02A + S3 + T9 LOWER WING

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (1) = .596 BETAT (5) = .020

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.965	-.0360						

MACH (1) = .598 BETAT (6) = 2.050

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.3280	-.2230	.0560	.2680	.1550	.0910	-.4010
.050				.1070	.1330	.1680	.2330
.061			.1750				
.066		.0160					
.094	.0170						
.150				.0980	.0800	.1020	.0880
.177			.0990				
.229	.0360						
.246		.1080					
.250				-.0140	.0330	.0490	.0490
.362	.0900						
.400				-.0360	-.0210		-.0470
.402			-.0690				
.497	-.0150						
.550				-.1600	-.1820		
.565			-.1970				
.600							-.1720
.650						-.1800	
.700	-.2100				-.2500		
.725				-.2360			
.750						-.1930	-.2160
.760			-.2790				
.775				-.2140	-.2200		
.808			-.1770				
.834	-.2000						
.850				-.1930	-.1630	-.1710	
.857			-.1690				
.865	-.1720						
.900	-.1210			-.1140			-.1250
.905			-.1160				
.950				.0120	.0100	-.0020	
.953			-.0170				
.965	-.0590						

MACH (1) = .597 BETAT (7) = 4.080

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.3370	-.2330	.0370	.2360	.1090	.0360	-.4470
.050				.0940	.1370	.1570	.2200
.061			.1560				
.066		-.0080					
.094	-.0040						

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A

AMES 11-707 !A9 OBA + S3 + T9 LOWER WING (RBHL09)

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (1) = .597 BETAT (7) = 4.080

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.150				.0610	.0750	.1020	.0800
.177			.0480				
.229	.0160						
.246		.0690					
.250				-.0170	.0360	.0500	.0250
.362	.0640						
.400				-.0340	-.0270		-.0500
.402			-.0620				
.497	-.0300						
.550				-.1620	-.1730		
.565			-.1750				
.600							-.1720
.650						-.1770	
.700	-.1700				-.2390		
.725				-.2280			
.750						-.1910	-.2170
.760			-.2480				
.775				-.2020	-.2170		
.808			-.1600				
.834	-.1490						
.850				-.1760	-.1630	-.1650	
.857			-.1420				
.865	-.1260						
.900	-.0950			-.0960			-.1170
.905			-.0990				
.950				.0080	.0060	-.0020	
.953			-.0100				
.965	-.0590						

MACH (1) = .597 BETAT (8) = 6.120

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.3210	-.2140	-.0230	.1800	.0800	.0090	-.4640
.050				.1060	.1370	.1440	.2010
.081			.1660				
.086		-.0200					
.094	-.0130						
.150				.0630	.0780	.0910	.0730
.177			.0580				
.229	.0090						
.246		.0620					
.250				-.0190	.0420	.0440	.0220
.362	.0490						
.400				-.0250	-.0260		-.0490
.402			-.0640				
.497	-.0280						

ATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A (RBNL09)

AMES 11-707 IA9 C2A + S3 + T9 LOWER WING

DEPENDENT VARIABLE CP

SECTION (1)LOWER WING

MACH (1) = .597 BETAT (8) = 6.120

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.550				-.1520	-.1770		
.565			-.1530				-.1640
.600						-.1750	
.650					-.1980		
.700	-.1420			-.2120			
.725						-.1850	-.2140
.750							
.760			-.1330	-.1940	-.2120		
.775							
.808			-.1600				
.834	-.1980			-.1800	-.1980	-.1640	
.850							
.857			-.1550				
.885	-.1190			-.1040			-.1170
.900	-.0960						
.905			-.0980	.0080	.0080	-.0080	
.950							
.953			-.0830				
.965	-.0950						

MACH (1) = .598 BETAT (9) = 8.190

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.2900	-.1600	-.1030	.1000	-.0180	-.0720	-.0150
.050				.1150	.1310	.1360	.1950
.081			.1700				
.086		-.0420					
.094	-.0320			.0670	.0740	.0930	.0530
.150							
.177			.0710				
.229	-.0110						
.246		.0770		-.0160	.0300	.0330	.0090
.250							
.362	.0430			-.0160	-.0260		-.0690
.400							
.402			-.0590				
.497	-.0080			-.1380	-.1650		
.550							
.565			-.1340				-.1780
.600						-.1660	
.650					-.2400		
.700	-.1450			-.2150			
.725						-.1990	-.2130
.750							
.760			-.2080				
.775				-.1940	-.2120		

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A (RBNL09)

AMES 11-707 IA9 C2A + S3 + T9 LOWER WING

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (1) = .598 BETAT (9) = 8.150

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.808			-.1340				
.834	-.1610						
.850				-.1860	-.1730	-.1790	
.857			-.1280				
.865	-.1420						
.900	-.1320			-.1130			-.1220
.905			-.1140				
.950				-.0260	-.0210	-.0140	
.953			-.0960				
.965	-.1420						

MACH (2) = .899 BETAT (1) = -8.170

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.1180	.0020	.3370	.5600	.4580	.4400	.1580
.050				.3240	.3210	.3130	.3280
.081			.3970				
.086		.2080					
.094	.1240						
.150				.2720	.2550	.2530	.1940
.177			.2790				
.229	.1690						
.246		.3230					
.250				.1590	.1810	.1730	.1300
.362	.3200						
.400				.1070	.0740		.0410
.402			.0870				
.497	.2650						
.550				-.1200	-.2300		
.565			-.1080				
.600							-.2310
.650						-.3010	
.700	-.0540				-.4360		
.725				-.4590			
.750						-.4150	-.4190
.760			-.6900				
.775				-.6020	-.5300		
.808			-.5850				
.834	-.6050						
.850				-.4060	-.6080	-.6030	
.857			-.2140				
.865	-.3790						
.900	-.2010			-.1010			-.4690
.905			-.0820				
.950				.0280	-.0120	-.1430	
.953			.0390				

AMES 11-707 IA9 O2A + S3 + T9 LOWER WING

SECTION (1)LOWER WING

DEPENDENT VARIABLE CP

MACH (2) = .899 BETAT (1) = -8.170

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.965	-.0300						

MACH (2) = .907 BETAT (2) = -6.120

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.1790	-.0500	.3080	.5340	.4310	.4100	.1240
.050				.2760	.2910	.2760	.3070
.081			.3690				
.086		.1770					
.094	.0820			.2310	.2290	.2240	.1780
.150							
.177			.2470				
.229	.1520						
.246		.2930		.1220	.1580	.1480	.1070
.250							
.362	.2810			.0800	.0570		.0190
.400							
.402			.0610				
.497	.2220			-.1370	-.2810		
.550							
.565			-.1250				-.2320
.600						-.3140	
.650					-.4820		
.700	-.0850			-.4690			
.725						-.4210	-.4660
.730							
.760			-.6990				
.775				-.6020	-.5490		
.808			-.3510				
.834	-.4050						
.850				-.2190	-.6040	-.5940	
.857			-.2210				
.865	-.3560						-.5010
.900	-.1780			-.0800			
.905			-.0960				
.950				.0610	.0120	-.0840	
.953			.0350				
.965	-.0200						

MACH (2) = .901 BETAT (3) = -4.080

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.2130	-.0740	.2870	.5070	.4040	.3910	.0980
.050				.2400	.2530	.2510	.2750
.081			.3390				
.086		.1480					
.094	.0920						

AMES 11-707 IA9 O2A + S3 + T9 LOWER WING (RBNL09)

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (2) = .901 BETAT (3) = -4.080

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.150				.2000	.1990	.2020	.1430
.177			.2150				
.229	.1430						
.246		.2650					
.250				.0930	.1270	.1280	.0610
.362	.2560						
.400				.0610	.0290		-.0210
.402			.0260				
.497	.1870						
.550				-.1550	-.2710		
.565			-.1470				
.600							-.2520
.650						-.3270	
.700	-.1050				-.4570		
.725				-.4790			
.750						-.4280	-.4470
.760			-.6830				
.775				-.5170	-.5430		
.808			-.2930				
.834	-.2640						
.850				-.2130	-.3210	-.3280	
.857			-.2000				
.865	-.2840						
.900	-.1590			-.0870			-.3990
.905			-.0900				
.950				.0620	.0360	-.0550	
.953			.0460				
.965	-.0110						

MACH (2) = .899 BETAT (4) = -2.030

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.2650	-.1110	.2550	.4790	.3710	.3610	.0760
.050				.2060	.2220	.2140	.2420
.081			.3030				
.086		.1160					
.094	.0650						
.150				.1700	.1650	.1700	.1130
.177			.1790				
.229	.1280						
.246		.2340					
.250				.0610	.1020	.1000	.0510
.362	.2280						
.400				.0390	.0100		-.0510
.402			-.0010				
.497	.1490						

AMES 11-75/ IA9 C2A + S3 + T9 LOWER WING (RBNL09)

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (2) = .899 BETAT (4) = -2.030

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.550				-.1690	-.2820		
.565			-.1690				
.600							-.2750
.650						-.3450	
.700	-.1280				-.4520		
.725				-.4930			
.750						-.4460	-.4490
.760			-.6420				
.775				-.4910	-.5470		
.808			-.2930				
.834	-.2880						
.850				-.2280	-.2810	-.5480	
.857			-.1650				
.865	-.2810						
.900	-.1510			-.0970			-.2670
.905			-.0820				
.950				.0530	.0270	-.0780	
.953			.0470				
.965	-.0250						

MACH (2) = .903 BETAT (5) = 2.070

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.2940	-.1800	.1700	.4040	.3090	.3090	.0890
.050				.1370	.1600	.1470	.1620
.081			.2440				
.088		.0580					
.094	.0480						
.150				.1060	.1040	.1150	.0640
.177			.1120				
.229	.0810						
.246		.1720					
.250				.0050	.0560	.0550	.0110
.362	.1520						
.400				-.0020	-.0240		-.1880
.402			-.0480				
.497	.0510						
.550				-.1960	-.3210		
.565			-.1960				
.600							-.3220
.650						-.3690	
.700	-.1690				-.4770		
.725				-.5030			
.750						-.4580	-.4660
.760			-.4050				
.775				-.3240	-.5280		

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A

AMES 11-707 IA9 02A + S3 + T9 LOWER WING (RBML09)

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (2) = .903 BETAT (5) = 2.075

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.808			-.2630				
.834	-.2540						
.850				-.2480	-.2570	-.2720	
.857			-.2120				
.865	-.2350						
.900	-.1490			-.1040			-.2030
.905			-.1100				
.950				.0450	.0150	-.0670	
.953			.0230				
.965	-.0440						

MACH (2) = .901 BETAT (6) = 4.130

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.2580	-.1420	.1360	.3610	.2800	.2720	-.0390
.050				.1270	.1390	.1480	.1750
.081			.2240				
.086		.0460					
.094	.0410						
.150				.0980	.0890	.1140	.0480
.177			.0990				
.229	.0740						
.246		.1440					
.250				.0040	.0540	.0510	-.0040
.362	.1260						
.400				.0010	-.0320		-.1000
.402			-.0480				
.497	.0260						
.550				-.1900	-.3100		
.565			-.1880				
.600							-.3310
.650						-.3600	
.700	-.1460				-.4240		
.725				-.3820			
.750						-.3620	-.3510
.760			-.3330				
.775				-.2740	-.3720		
.808			-.2160				
.834	-.1910						
.850				-.2390	-.2620	-.3070	
.857			-.1740				
.865	-.1450						
.900	-.1020			-.0970			-.2170
.905			-.0920				
.950				.0430	.0240	-.0560	
.953			.0180				

ATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A (RBHL09)

AMES 11-707 IA9 C2A + S3 + T9 LOWER WING

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (2) = .901 BETAT (6) = 4.130

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.965	-.0680						

MACH (2) = .900 BETAT (7) = 6.160

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.2520	-.1230	.0660	.2940	.2270	.2160	-.0900
.050				.1330	.1340	.1360	.1590
.081			.2160				
.086		.0800					
.094	.0250			.0980	.0820	.0870	.0370
.150							
.177			.1000				
.229	.0580						
.246		.1280		-.0020	.0480	.0420	-.0140
.250							
.362	.1040			.0010	-.0550		-.1080
.400							
.402			-.0480				
.497	.0180			-.1770	-.2910		
.550							
.565			-.1680				-.3150
.600						-.3360	
.650					-.3870		
.700	-.1400			-.3700			
.725						-.4190	-.3980
.750							
.760			-.3390				
.775				-.3090	-.4110		
.808			-.2300				
.834	-.2150			-.2880	-.2800	-.3120	
.850							
.857			-.2040				
.865	-.1840			-.1380			-.2290
.900	-.1450						
.905			-.1280				
.950				.0090	.0000	-.0710	
.953			-.0360				
.985	-.1230						

MACH (2) = .900 BETAT (8) = 8.240

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.2560	-.1020	-.0180	.2340	.1540	.1480	-.1720
.050				.1410	.1430	.1290	.1540
.081			.2250				
.086		.0100					
.094	.0080						

DATE 20 SEP 79 TABULATED PRESSURE DATA - IA9A (RBHL09)

AMES 11-707 IA9 C2A + S3 + T9 LOWER WING

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (2) = .900 BETAT (8) = 8.240

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.150				.0880	.0860	.0900	.0280
.177			.1100				
.229	.0450						
.246		.1300					
.250				-.0060	.0350	.0900	-.0260
.362	.0910						
.400				-.0030	-.0410		-.1000
.402			-.0510				
.497	.0260						
.550				-.1690	-.2850		
.565			-.1600				
.600							-.3290
.650						-.3250	
.700	-.1570				-.3810		
.725				-.3260			
.750						-.3710	-.3930
.760			-.2980				
.775				-.2910	-.3910		
.808			-.2050				
.834	-.2000						
.850				-.2710	-.2930	-.3000	
.857			-.1890				
.865	-.1850						
.900	-.1690			-.1990			-.2010
.905			-.1690				
.950				-.0480	-.0410	-.0670	
.955			-.1300				
.965	-.1710						

MACH (3) = 1.103 BETAT (1) = -8.190

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.1360	-.0850	.4240	.6750	.6040	.6000	.3550
.050				.4800	.4800	.4640	.4790
.081			.5360				
.086		.1870					
.094	-.0230						
.150				.4320	.4250	.4200	.3710
.177			.4350				
.229	.0760						
.246		.4410					
.250				.3330	.3670	.3620	.3160
.362	.4160						
.400				.3120	.2850		.2365
.402			.2850				
.497	.4220						

AMES 11-707 IA9 OEA + S3 + T9 LOWER WING (RBWL09)

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (3) = 1.103 BETAT (1) = -8.190

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.550				.1360	.0270		
.565			.1490				-.0040
.600						-.0440	
.650					-.1510		
.700	.1950			-.1900			
.725						-.1700	-.2100
.750							
.760			-.3080				
.775				-.2680	-.2550		
.808			-.2900				
.834	-.3070			-.4120	-.3520	-.3330	
.890							
.897			-.4730				
.865	-.4850						-.2580
.900	-.6530			-.4730			
.905			-.6060				
.950				-.5430	-.4710	-.4520	
.953			-.2190				
.965	-.1760						

MACH (3) = 1.100 BETAT (2) = -8.140

Y/BW	.299	.364	.427	.534	.675	.780	.887
X/CW							
.000	-.2120	-.1280	[illegible]	.3570	.5620	.5740	.3280
.050				.4340	.4370	.4280	.4470
.061			.5000				
.086		.1370					
.094	-.0390						
.150				.3690	.3690	.3820	.3410
.177			.3940				
.229	.0560						
.246		.4050					
.250				.2910	.3340	.3330	.2930
.362	.3740						
.410				.2940	.2560		.2120
.402			.2450				
.497	.3780						
.550				.1160	.0050		
.565			.1160				
.600							-.0340
.650						-.0610	
.700	.1560				-.1660		
.725				-.1660			
.750						-.1890	-.2280
.760			-.3200				
.775				-.2860	-.2540		—

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A

AMES 11-707 IA9 CBA + S3 + T9 LOWER WING (RBNL09)

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (3) = 1.100 BETAT (2) = -6.140

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.808			-.3080				
.834	-.3240			-.4250	-.3460	-.3520	
.850							
.857			-.4680				
.865	-.5060			-.4830			-.2770
.900	-.6030		-.3240				
.905				-.4480	-.4830	-.4490	
.950			-.1870				
.953							
.965	-.1630						

MACH (3) = 1.103 BETAT (3) = -4.080

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.2650	-.1720	.3580	.6300	.5560	.5520	.3070
.050				.3650	.3630	.3760	.4070
.081			.4620				
.086		.1070					
.094	-.0680			.3430	.3360	.3530	.3060
.150							
.177			.3480				
.229	.0630						
.246		.3660		.2370	.2940	.3010	.2620
.250							
.362	.3290			.2480	.2260		.1870
.400							
.402			.1300				
.497	.3280			.0920	-.0160		
.550							
.565			.0840				-.0700
.600						-.0850	
.650					-.1850		
.700	.1190			-.1870			
.725						-.2100	-.2520
.750							
.760			-.3360				
.775				-.3030	-.2750		
.800			-.3290				
.834	-.3440			-.4360	-.3610	-.3700	
.850							
.857			-.5030				
.865	-.5200			-.4970			-.2950
.900	-.4550						
.905			-.2090				
.950				-.2300	-.4990	-.4640	
.953			-.1660				

AMES 11-707 IA9 OBA + S3 + T9 LOWER WING (RBMLOG)

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (3) = 1.103 BETAT (3) = -4.080

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.982	-.1320						

MACH (3) = 1.103 BETAT (4) = -2.030

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.3630	-.2680	.3200	.5090	.5170	.5120	.2760
.050				.3290	.3240	.3250	.3690
.081			.4130				
.086		.0930					
.094	-.1080						
.150				.2980	.2780	.3080	.2720
.177			.2970				
.229	.1080						
.246		.3180					
.250				.1780	.2510	.2850	.2350
.362	.2840						
.400				.2080	.1910		.1800
.402			.1280				
.497	.2800						
.550				.0800	-.0350		
.565			.0470				
.800							-.1020
.850						-.1020	
.700	.0780				-.2040		
.725				-.2080			
.750						-.2240	-.2630
.760			-.3580				
.775				-.3290	-.2980		
.808			-.3500				
.834	-.3710						
.850				-.4530	-.3740	-.3860	
.857			-.5210				
.865	-.3280						
.900	-.3180			-.4950			-.3070
.905			-.1800				
.950				-.1830	-.5100	-.4770	
.953			-.1700				
.965	-.1940						

MACH (3) = 1.103 BETAT (5) = 2.080

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.5660	-.2800	.1990	.5190	.4300	.4510	.2200
.050				.2190	.2430	.2650	.3160
.081			.3050				
.086		.0610					
.094	-.1760						

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A

AMES 11-707 IA9 CBA + S3 + T9 LOWER WING (RBNL09)

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (3) = 1.103 BETAT (5) = 2.080

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.150				.2030	.2060	.2610	.2300
.177			.1840				
.229	.0740						
.246		.2100					
.250				.1000	.2020	.2180	.1940
.362	.1760						
.400				.1530	.1400		.1240
.402			.0720				
.497	.1220						
.550				.0020	-.0710		
.565			-.0210				
.600							-.1330
.650						-.1400	
.700	-.0130				-.2400		
.725				-.2620			
.750						-.2550	-.2930
.760			-.4170				
.775				-.3750	-.3260		
.808			-.4900				
.834	-.4250						
.850				-.5050	-.4150	-.4150	
.857			-.5350				
.865	-.2910						
.900	-.2260			-.1980			-.3560
.905			-.1870				
.950				-.1290	-.4720	-.5110	
.953			-.1150				
.965	-.0980						

MACH (3) = 1.103 BETAT (6) = 4.140

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.5920	-.2410	.1520	.4360	.4060	.4090	.1840
.050				.2070	.2280	.2400	.2990
.081			.2610				
.086		.0530					
.094	-.2140						
.150				.1760	.1920	.2440	.2070
.177			.1570				
.229	.0610						
.246		.1800					
.250				.0940	.1770	.1990	.1780
.362	.1550						
.400				.1200	.1230		.1140
.402			.0620				
.497	.0340						

ATE 20 SEP 77 TABULATED PRESSURE DATA (RBMLO9)

AMES 11-707 IA9 C2A + S3 + T9 LOWER WING

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (3) = 1.103 BETAT (6) = 4.140

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.550				-.0190	-.0820		
.565			-.0320				-.1400
.600						-.1450	
.650					-.2480		
.700	-.0510			-.2660			
.725						-.2630	-.3060
.750							
.760			-.4120				
.775				-.3750	-.3340		
.808			-.3970				
.834	-.3080						
.850				-.5010	-.4250	-.4240	
.857			-.5060				
.865	-.3070						-.3660
.900	-.2400			-.2400			
.905			-.2200				
.950				-.1370	-.3610	-.5190	
.953			-.1060				
.965	-.1250						

MACH (3) = 1.101 BETAT (7) = 6.210

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.8940	-.2520	.1250	.3600	.3360	.3640	.1240
.050				.2050	.2250	.2250	.2820
.061			.2770				
.086		.0450					
.094	-.2640						
.150				.1810	.1630	.2160	.1660
.177			.1730				
.229	.0720						
.246		.1690					
.250				.0910	.1600	.1660	.1610
.362	.1560						
.400				.1190	.1040		.1060
.402			.0420				
.497	.1110						
.550				-.0250	-.0920		
.565			-.0570				-.1450
.600						-.1660	
.650					-.2510		
.700	-.0060			-.2740			
.725						-.2720	-.3210
.750							
.760			-.4040				
.775				-.3610	-.3320		

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A

AMES 11-707 IA9 02A + S3 + T9 LOWER WING (RBMLD9)

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (3) = 1.101 BETAT (7) = 6.210

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.808			-.3110				
.834	-.2260						
.850				-.4820	-.4230	-.4260	
.857			-.3280				
.865	-.2370						
.900	-.2060			-.3630			-.3660
.905			-.3350				
.950				-.1230	-.1550	-.4960	
.953			-.1400				
.965	-.1680						

MACH (3) = 1.104 BETAT (8) = 8.260

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.6270	-.2000	.0310	.3400	.2400	.2750	.0590
.050				.2030	.2170	.2140	.2860
.081			.3000				
.086		.0500					
.094	-.3130						
.150				.1640	.1900	.2060	.1860
.177			.1920				
.229	.0560						
.246		.1650					
.250				.0680	.1580	.1700	.1470
.362	.1410						
.400				.1030	.0960		.1130
.402			.0070				
.497	.1020						
.550				-.0500	-.1040		
.565			-.0770				
.600							-.1510
.650						-.1690	
.700	-.1530				-.2540		
.725				-.2800			
.750						-.2720	-.3250
.760			-.3190				
.775				-.3330	-.3350		
.808			-.2550				
.834	-.1960						
.850				-.3650	-.4180	-.4260	
.857			-.2730				
.865	-.2030						
.900	-.1940			-.3810			-.3780
.905			-.2510				
.950				-.2810	-.2560	-.4860	
.953			-.1770				

ATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A

AMES 11-7ft IA9 C2A + S3 + T9 LOWER WING (RBMLD8)

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (3) = 1.104 BETAT (8) = 8.280

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.965	-.1880						

MACH (4) = 1.246 BETAT (1) = -0.150

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.0760	-.0280	.5010	.7830	.7080	.7050	.5360
.050				.4900	.4850	.4670	.5170
.081			.5610				
.086		.0850					
.094	.0850			.4610	.4800	.4180	.4290
.150							
.177			.4630				
.229	.0850						
.246		.4080		.3630	.3570	.3290	.3980
.250							
.362	.4100			.3690	.3540		.3240
.400							
.402			.3190				
.497	.4910			.2430	.0970		
.550							
.565			.2560				.0840
.600						.0820	
.650					-.0280		
.700	.2760			-.0080			
.725						-.0900	-.0980
.750							
.760			-.1210				
.775				-.1130	-.1030		
.808			-.1560				
.834	-.1360						
.850				-.2470	-.1900	-.1970	
.857			-.2070				
.865	-.3180						
.900	-.4250			-.3180			-.1410
.905			-.4180				
.950				-.3840	-.3210	-.2830	
.953			-.4370				
.965	-.3960						

MACH (4) = 1.248 BETAT (2) = -6.110

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.1310	-.1070	.4490	.7520	.6730	.6690	.5010
.050				.4470	.4470	.4290	.4960
.081			.5230				
.086		.0510					
.094	.0470						

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A

AMES 11-707 IAC 02A + 33 + T9 LOWER WING (RBML09)

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (4) = 1.248 BETAT (2) = -6.110

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.150				.4250	.4060	.3370	.4030
.177			.4250				
.229	.0280						
.246		.4280					
.250				.3190	.2920	.4000	.3710
.362	.2810						
.400				.3400	.3340		.3090
.402			.2590				
.497	.4210						
.550				.2240	.0840		
.565			.2220				.0610
.600						.0440	
.650					-.0400		
.700	.2700			-.0220			
.725						-.0650	-.1120
.750							
.760			-.1360				
.775				-.1240	-.1160		
.808			-.1670				
.834	-.1540						
.850				-.2550	-.2300	-.2080	
.857			-.2910				
.865	-.3240						
.900	-.4320			-.3250			-.1530
.905			-.4260				
.950				-.3920	-.3290	-.2910	
.953			-.4440				
.965	-.3050						

MACH (4) = 1.249 BETAT (3) = -4.060

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.2060	-.1700	.3800	.7120	.6340	.6350	.4730
.050				.4000	.4030	.3680	.4520
.081			.4870				
.086		.0170					
.094	.0130						
.150				.3820	.3540	.3340	.3640
.177			.3880				
.229	-.0100						
.246		.3780					
.250				.2710	.2120	.3630	.3400
.362	.1340						
.400				.2740	.2890		.2800
.402			.2070				
.497	.3760						

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A (RBML59)

AMES 11-707 IA9 C2A + S3 + T9 LOWER WING

DEPENDENT VARIABLE CP

SECTION (1)LOWER WING

MACH (4) = 1.249 BETAT (3) = -4.060

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.550				.1560	.0450		
.565			.1310				.0370
.600						.0160	
.650					-.0710		
.700	.0770			-.0220			
.725						-.0880	-.1360
.750			-.1410				
.760				-.1310	-.1380		
.775			-.1790				
.834	-.1600			-.2840	-.2910	-.2930	
.850			-.3110				
.857							-.1760
.865	-.3340			-.3330			
.900	-.4380		-.4330				
.905				-.3990	-.3320	-.3030	
.950			-.4510				
.953							
.965	-.2940						

MACH (4) = 1.248 BETAT (4) = -2.080

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.2840	-.2510	.3300	.6650	.5990	.5090	.4280
.050				.3660	.3690	.3210	.4040
.081			.4530				
.086		-.0210					
.094	-.0320			.3450	.3150	.2730	.3220
.150							
.177			.3470				
.229	-.0410						
.246		.3310		.2300	.1870	.3160	.3000
.250							
.362	.2180			.1850	.2500		.2540
.400			.1310				
.402							
.497	.3120			.1280	.0390		
.550			.0880				
.565							.0220
.600						.0030	
.650					-.0690		
.700	.0150			-.0360			
.725						-.1070	-.1530
.750			-.1420				
.760				-.1360	-.1650		
.775							

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A (RBML09)

AMES 11-FT IA9 O2A + S3 + T9 LOWER WING

DEPENDENT VARIABLE CP

SECTION (1)LOWER WING

MACH (4) = 1.248 BETAT (4) = -2.020

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.808			-.1930				
.834	-.1790						
.850				-.2700	-.2240	-.2520	
.857			-.3210				
.865	-.3490						-.2120
.900	-.4560			-.3430			
.905			-.4470				
.950				-.4090	-.3440	-.3350	
.953			-.4770				
.965	-.2840						

MACH (4) = 1.249 BETAT (5) = 2.070

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.4170	-.3340	.2180	.5640	.4970	.5100	.3510
.050				.2640	.2780	.2350	.3270
.081			.3320				
.086		-.0750					
.094	-.1030						
.150				.2390	.2290	.1910	.2510
.177			.2300				
.229	-.1010						
.246		.2160					
.250				.1340	.1480	.2290	.2350
.362	.1710						
.400				.0880	.1650		.2020
.402			.0290				
.497	.1710						
.550				.0980	.0180		
.565			.0640				.0040
.600						.0030	
.650					-.0680		
.700	.0430						
.725				-.1020			
.750						-.1160	-.1610
.760			-.2290				
.775				-.2110	-.1850		
.808			-.2600				
.834	-.2650						
.850				-.3270	-.2630	-.2680	
.857			-.3830				
.865	-.4070						
.900	-.2620			-.3920			-.2400
.905			-.4940				
.950				-.4480	-.3840	-.3530	
.953			-.2950				

.TE 20 SEP 73 TABULATED PRESSURE DATA - IA9A

...TS 11-707 IA9 02A + 93 + T9 LOWER WING (GB4L09)

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (4) = 1.249 BETAT (5) = 2.070

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.965	-.2040						

MACH (4) = 1.249 BETAT (6) = 4.110

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.4280	-.3090	.1680	.5150	.4520	.4790	.3590
.050				.2140	.2240	.2390	.3600
.081			.2870				
.086		-.0970					
.094	-.1300						
.150				.1640	.1670	.2420	.2880
.177			.1680				
.229	-.1290						
.246		.2040					
.250				.0840	.1720	.2930	.2710
.362	.1680						
.400				.1530	.2180		.2160
.402			.0650				
.497	.0400						
.550				.0790	.0200		
.565			.0110				
.600							-.0250
.650						-.0360	
.700	-.0390				-.1120		
.725				-.1190			
.750						-.1380	-.1930
.760			-.2290				
.775				-.2140	-.1910		
.808			-.2590				
.834	-.2510						
.850				-.3260	-.2700	-.2720	
.857			-.3790				
.865	-.3230						
.900	-.2230			-.3670			-.2370
.905			-.4740				
.950				-.4470	-.3860	-.3600	
.953			-.2550				
.965	-.2030						

MACH (4) = 1.249 BETAT (7) = 6.170

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.4470	-.2650	.0930	.4590	.4560	.4420	.2900
.050				.2310	.2490	.1990	.2980
.081			.3170				
.086		-.0910					
.094	-.1580						

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A (RBML09)

AMES 11-7ft IA9 C2A + S3 + T9 LOWER WING

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (4) = 1.249 BETAT (7) = 6.170

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.150				.2350	.2080	.1560	.2310
.177			.1820				
.229	-.1490						
.245		.1650					
.250				.1220	.0930	.2180	.2260
.362	.1490						
.400				.1020	.1580		.1880
.402			.0510				
.497	.0250						
.550				.0750	-.0210		
.565			.0550				-.0300
.600						-.0430	
.650					-.1290		
.700	-.0030						
.725				-.1440		-.1500	-.1940
.750							
.760			-.2640				
.775				-.2350	-.2050		
.800			-.2800				
.834	-.2180						
.850				-.3420	-.2810	-.2890	
.857			-.3820				
.865	-.2660						
.900	-.2040			-.4020			-.2550
.905			-.3810				
.950				-.4580	-.3980	-.3760	
.953			-.3170				
.955	-.2110						

MACH (4) = 1.246 BETAT (8) = 8.210

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.4650	-.2590	.0420	.4190	.3490	.3920	.2160
.050				.2450	.2660	.1670	.2840
.081			.2870				
.085		.0620					
.094	-.1940						
.150				.1600	.1780	.1640	.2020
.177			.2280				
.229	-.0230						
.246		.1720					
.250				.0890	.1160	.1940	.1720
.362	.1190						
.400				.1120	.1240		.1530
.402			.0330				
.497	.1510						

E 20 SEP 73 TABULATED PRESSURE DATA - IA9A

AMES 11-7X7 IA9 C2A + S3 + T9 LOWER WING (RBMLO9)

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (4) = 1.246 BETAT (8) = 8.210

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.550				.0020	-.0630		
.565			-.0510				-.0720
.600						-.0930	
.650					-.1710		
.700	-.0900			-.1760			
.725						-.1860	-.2360
.750			-.2880				
.760				-.2710	-.2360		
.775			-.2900				
.808							
.834	-.1940			-.3750	-.3080	-.3140	
.850			-.3000				
.857							
.865	-.2080			-.4150			-.2860
.900	-.1880		-.2910				
.905				-.4190	-.4190	-.3920	
.950			-.2490				
.953							
.965	-.1640						

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A (RBML10) (27 APR 73)

AMES 11-707 IA9 O2A + S3 + T9 LOWER WING

REFERENCE DATA

SREF =	2.4210 SQ.FT.	XMRP =	28.5300 INCHES
LREF =	39.6490 INCHES	YMRP =	.0000 INCHES
BREF =	39.6490 INCHES	ZMRP =	.0000 INCHES
SCALE =	.0300 SCALE		

PARAMETRIC DATA

ALPHAT =	6.000	ORBINC =	.500
RUDDER =	.000	ELEVON =	.000
RUDFLR =	.000		

SECTION (1)LOWER WING

DEPENDENT VARIABLE CP

MACH (1) = .597 BETAT (1) = -8.070

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.2310	-.3070	-.2420	-.1680	-.0310	.1630	.2680
.050				-.1660	.2420	-.4040	-.4420
.081			-.1240				
.086		-.2410					
.094	-.2090						
.150				-.0010	.1640	-.3620	-.3260
.177			.0140				
.229	-.1350						
.246		-.2080					
.250				.3910	.0550	-.3820	-.2650
.362	-.0070						
.400				.2650	-.0990		-.8920
.402			.3810				
.497	.3440						
.550				.1750	-.1880		
.565			.2600				-.8400
.600						-1.1460	
.650					-.1350		
.700	.2410						
.725				-.1360			
.750						-.7690	-.8490
.760			.1640				
.775				-.1720	-.5490		
.808			.0530				
.834	.1140						
.850				-.1730	-.4880	-.4290	
.857			-.1470				
.865	.0240						
.900	-.1710			-.0130			-.5570
.905			-.2380				
.950				.4360	-.4170	-.4490	
.953			-.2140				
.965	-.2630						

MACH (1) = .598 BETAT (2) = -6.050

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.2590	-.2570	-.0090	.1170	-.0740	-.2110	-.8140
.050				.3180	.3620	.3710	.4210
.081			.3330				
.086		.1340					
.094	.1020						

TE 20 SEP 73 TABULATED PRESSURE DATA - IA9A

AMES 11-707 IA9 O2A + S3 + T9 LOWER WING (RBML10)

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (1) = .598 BETAT (2) = -6.050

Y/BW	.299	.364	.427	.534	.675	.780	.887
X/CW							
.150				.2140	.2440	.2510	.2310
.177			.2050				
.229	.1430						
.246		.2470					
.250				.0990	.1550	.1650	.1550
.362	.2250						
.400				.0200	.0500		.0460
.402			-.0220				
.497	.1420						
.550				-.1680	-.1450		
.565			-.2060				
.600							-.1020
.650						-.1430	
.700	-.2230				-.2310		
.725				-.2600			
.750						-.1700	-.1890
.760			-.3310				
.775				-.2260	-.2090		
.808			-.2210				
.834	-.2800						
.850				-.1680	-.1590	-.1610	
.857			-.1930				
.865	-.2170						
.900	-.1450			-.1130			-.1320
.905			-.1120				
.950				.0170	.0010	-.0090	
.953			.0020				
.965	-.0290						

MACH (1) = .597 BETAT (3) = -4.030

Y/BW	.299	.364	.427	.534	.675	.780	.887
X/CW							
.000	-.3060	-.2960	-.0240	.1130	-.0720	-.2120	-.8360
.050				.2890	.3340	.3450	.3960
.001			.3090				
.086		.1050					
.094	.0880						
.150				.1930	.2200	.2350	.2150
.177			.1830				
.229	.1170						
.246		.2150					
.250				.0810	.1390	.1580	.1410
.362	.1970						
.400				.0210	.0460		.0310
.402			-.0290				
.497	.1110						

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A (RB4L19)

AMES 11-707 IA9 02A + 83 + T9 LOWER WING

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (1) = .597 BETAT (3) = -4.030

Y/BW	.299	.364	.427	.534	.673	.760	.887
X/CW							
.550				-.1440	-.1370		
.565			-.1940				-.1120
.600						-.1400	
.650					-.2230		
.700	-.2210			-.2360			
.725						-.1670	-.1920
.750							
.760			-.3070				
.775				-.2150	-.2030		
.808			-.2010				
.834	-.2510						
.850				-.1910	-.1610	-.1660	
.857			-.1790				
.865	-.1910						
.900	-.1290			-.1130			-.1300
.905			-.1120				
.950				.0150	.0000	-.0120	
.953			.0030				
.965	-.0320						

MACH (1) = .597 BETAT (4) = -2.000

Y/BW	.299	.364	.427	.534	.673	.760	.887
X/CW							
.000	-.3540	-.3150	-.0360	.1160	-.0880	-.2350	-.8460
.050				.2610	.3070	.3260	.3670
.081			.2820				
.085		.0790					
.094	.0650						
.150				.1770	.1980	.2200	.1920
.177			.1550				
.229	.0950						
.246		.1680					
.250				.0750	.1210	.1440	.1210
.362	.1690						
.400				.0150	.0380		.0160
.402			-.0370				
.497	.0850						
.550				-.1420	-.1370		
.565			-.1750				
.600							-.1190
.650						-.1360	
.700	-.1980				-.2180		
.725				-.2200			
.750						-.1660	-.1950
.760			-.2850				
.775				-.2020	-.1990		

AMES 11-707 IA9 02A + S3 + T9 LOWER WING (RBML10)

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (1) = .597 BETAT (4) = -2.000

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.808			-.1690				
.834	-.2170						
.850				-.1860	-.1570	-.1640	
.857			-.1700				
.865	-.1730						
.900	-.1220			-.1080			-.1280
.905			-.1070				
.950				.0060	.0050	-.0090	
.953			.0000				
.965	-.0360						

MACH (1) = .598 BETAT (5) = .020

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.3970	-.3550	-.0410	.1110	-.0670	-.2000	-.0850
.050				.2200	.2620	.3000	.3480
.081			.2540				
.086		.0430					
.094	.0450						
.150				.1550	.1790	.1980	.1730
.177			.1320				
.229	.0710						
.246		.1640					
.250				.0540	.1050	.1300	.1040
.362	.1420						
.400				.0050	.0330		.0100
.402			-.0390				
.497	.0470						
.550				-.1430	-.1380		
.565			-.1750				
.600							-.1220
.650						-.1420	
.700	-.1620				-.2180		
.725				-.2220			
.750						-.1660	-.2000
.760			-.2770				
.775				-.1990	-.1960		
.808			-.1730				
.834	-.1950						
.850				-.1760	-.1610	-.1600	
.857			-.1610				
.865	-.1530						
.900	-.1020			-.1050			-.1250
.905			-.1050				
.950				.0150	.0060	-.0080	
.953			-.0030				

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A (RBML1G)

AMES 11-707 IA9 O2A + S3 + T9 LOWER WING

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (1) = .998 BETAT (5) = .020

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.965	-.0330						

MACH (1) = .998 BETAT (6) = 2.060

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.4310	-.3700	-.0770	.1030	-.0650	-.2150	-.9020
.050				.1940	.2430	.2670	.3220
.061			.2310				
.086		.0160					
.094	.0200						
.150				.1230	.1510	.1770	.1490
.177			.1030				
.229	.0500						
.246		.1320					
.250				.0260	.0920	.1100	.0860
.362	.1010						
.400				-.0030	.0170		-.0090
.402			-.0610				
.497	.0050						
.550				-.1440	-.1540		
.565			-.1710				-.1360
.600						-.1470	
.650					-.2270		
.700	-.1940			-.2180			
.725						-.1740	-.2020
.750							
.760			-.2630				
.775				-.2000	-.2090		
.808			-.1740				
.834	-.1620						
.850				-.1820	-.1630	-.1640	
.857			-.1650				
.865	-.1540						
.900	-.1180			-.1090			-.1250
.905			-.1110				
.950				.0050	-.0010	-.0130	
.953			-.0090				
.965	-.0410						

MACH (1) = .997 BETAT (7) = 4.090

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.4080	-.3150	-.0890	.0830	-.1060	-.2470	-.9270
.050				.1830	.2360	.2540	.3040
.081			.2110				
.086		-.0120					
.094	.0420						

E 20 SEP 73 TABULATED PRESSURE DATA - IA9A

AMES 11-707 IA9 02A + S3 + T9 LOWER WING (RBML10)

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (1) = .597 BETAT (7) = 4.090

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.150				.1160	.1430	.1680	.1420
.177			.0690				
.229	.0300						
.246		.1140					
.250				.0240	.0830	.1030	.0740
.362	.0680						
.400				-.0010	.0110		-.0120
.402			-.0900				
.497	.0000						
.550				-.1400	-.1490		
.565			-.1480				
.600							-.1410
.650						-.1490	
.700	-.1600				-.2240		
.725				-.2120			
.750						-.1770	-.1980
.760			-.2450				
.775				-.1940	-.2000		
.808			-.1520				
.834	-.1520						
.850				-.1680	-.1580	-.1580	
.857			-.1450				
.865	-.1190						
.900	-.0860			-.1000			-.1230
.905			-.0990				
.950				.0150	.0090	-.0080	
.953			-.0050				
.965	-.0400						

MACH (1) = .998 BETAT (8) = 6.130

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.3580	-.2790	-.1520	.0180	-.1370	-.2760	-.9690
.050				.1770	.2190	.2310	.2840
.081			.2060				
.086		-.0300					
.094	-.0160						
.150				.1070	.1310	.1510	.1260
.177			.0900				
.229	.0140						
.246		.1040					
.250				.0190	.0740	.0960	.0610
.362	.0570						
.400				-.0050	.0120		-.0180
.402			-.0370				
.497	-.0100						

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A (RBML10)

AMES 11-707 IA9 O2A + S3 + T9 LOWER WING

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (1) = .598 BETAT (8) = 6.130

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.550				-.1270	-.1510		
.565			-.1380				-.1430
.600						-.1530	
.650					-.2210		
.700	-.1460			-.2020			
.725						-.1780	-.2020
.750							
.760			-.2420				
.775				-.1930	-.2100		
.800			-.1490				
.834	-.1710			-.1710	-.1680	-.1640	
.850							
.857			-.1460				
.865	-.1280			-.1090			-.1210
.900	-.0940						
.905			-.1070				
.950				.0050	-.0050	-.0150	
.953			-.0290				
.965	-.0730						

MACH (1) = .596 BETAT (9) = 8.170

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.3310	-.2290	-.2230	-.0680	-.2230	-.3650	-1.0730
.050				.1910	.2180	.2260	.2660
.081			.2120				
.086		-.0410					
.094	-.0280						
.150				.1160	.1390	.1530	.1160
.177			.1090				
.229	.0070						
.246		.1000					
.250				.0290	.0700	.0840	.0510
.362	.0580			.0120	.0100		-.0320
.414			-.0290				
.462							
.497	.0060			-.1130	-.1400		
.550			-.1230				
.565							-.1530
.600						-.1630	
.650					-.2190		
.700	-.1340			-.2040			
.725						-.1810	-.2020
.750							
.760			-.2180				
.775				-.1860	-.2050		

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A (RBML10)

AMES 11-707 IA9 O2A + S3 + T9 LOWER WING

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (1) = .596 BETAT (9) = 8.170

Y/BW	.299	.364	.427	.534	.673	.760	.887
X/CW							
.808			-.1400				
.834	-.1540						
.850				-.1750	-.1630	-.1700	
.857			-.1110				
.865	-.1220						
.900	-.1100			-.1080			-.1250
.905			-.0870				
.950				-.0200	-.0180	-.0190	
.953			-.0670				
.965	-.1250						

MACH (2) = .901 BETAT (1) = -8.160

Y/BW	.299	.364	.427	.534	.673	.760	.887
X/CW							
.000	-.2330	-.1280	.2860	.4910	.3690	.3410	-.0060
.050				.4080	.4160	.4110	.4250
.081			.4520				
.086		.2340					
.094	.1470						
.150				.3300	.3270	.3200	.2650
.177			.3310				
.229	.2120						
.246		.3640					
.250				.2140	.2390	.2340	.1690
.362	.3490						
.400				.1450	.1260		.0790
.402			.1330				
.497	.2940						
.550				-.0850	-.1890		
.565			-.0740				
.600							-.1760
.650						-.2540	
.700	-.0290				-.3940		
.725				-.4270			
.750						-.3600	-.3820
.760			-.6570				
.775				-.5670	-.4890		
.808			-.5360				
.834	-.5530						
.850				-.6060	-.5650	-.5750	
.857			-.2820				
.865	-.3790						
.900	-.2030			-.1630			-.4580
.905			-.1240				
.950				-.0250	-.1650	-.6430	
.953			.0090				

DATE 23 SEP 73 TABULATED PRESSURE DATA - IA9A (RBML10)

AMES 11-707 IA9 C2A + S3 + T9 LOWER WING

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (2) = .901 BETAT (1) = -8.160

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.965	-.0470						

MACH (2) = .900 BETAT (2) = -6.119

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.2870	-.1690	.2390	.4640	.3580	.3130	-.0490
.050				.3630	.3810	.3810	.3950
.081			.4180				
.086		.1980					
.094	.1290			.2950	.2960	.2950	.2420
.150							
.177			.2930				
.229	.1870						
.246		.3270					
.250				.1820	.2130	.2070	.1650
.362	.3150						
.400				.1180	.1000		.0510
.402			.1000				
.497	.2510						
.550				-.1070	-.2060		
.565			-.1010				
.600							-.1940
.650						-.2670	
.700	-.0600				-.4120		
.725				-.4430			
.750						-.3760	-.3840
.760			-.6750				
.775				-.5780	-.4990		
.808			-.4170				
.834	-.3360						
.850				-.3570	-.5725	-.5760	
.857			-.2420				
.865	-.3470						
.900	-.1850			-.1500			-.4620
.905			-.1220				
.950				.0010	-.1100	-.4950	
.953			.0210				
.965	-.0360						

MACH (2) = .903 BETAT (3) = -4.070

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.3670	-.2290	.2070	.4350	.3240	.2860	-.0600
.050				.3200	.3380	.3390	.3650
.081			.3860				
.086		.1600					
.094	.1110						

ATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A (RBML10)

AMES 11-7ft IA9 02A + S3 + Y9 LOWER WING

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (2) = .903 BETAT (3) = -0.070

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.150				.2570	.2640	.2640	.2120
.177			.2610				
.229	.1610						
.246		.2920					
.250				.1440	.1620	.1620	.1420
.362	.2800						
.400				.0990	.0770		.0310
.402			.0660				
.497	.2100						
.550				-.1260	-.2190		
.565			-.1260				
.600							-.2090
.650						-.2810	
.700	-.0930				-.4250		
.725				-.4540			
.750						-.3930	-.3910
.760			-.6090				
.775				-.5500	-.5100		
.808			-.3250				
.834	-.2830						
.850				-.3070	-.5410	-.5770	
.857			-.2390				
.865	-.3200						
.900	-.1730			-.1530			-.4580
.905			-.1240				
.950				.0070	-.0980	-.2980	
.953			.0210				
.965	-.0310						

MACH (2) = .902 BETAT (4) = -2.030

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.3840	-.2590	.1680	.4150	.2890	.2490	-.1230
.050				.2780	.3040	.3070	.3350
.081			.3540				
.086		.1260					
.094	.0930						
.150				.2230	.2210	.2350	.1880
.177			.2250				
.229	.1400						
.246		.2630					
.250				.1120	.1520	.1580	.1140
.362	.2490						
.400				.0710	.0540		.0650
.402			.0340				
.497	.1680						

DATE 25 SEP 73 TABULATED PRESSURE DATA - IA9A

AMES 11-707 IA9 O2A + S3 + T9 LOWER WING (RBML10)

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (2) = .902 BETAT (4) = -2.030

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.550				-.1460	-.2360		
.565			-.1510				-.2290
.600						-.2970	
.650					.4220		
.700	-.1120			-.4570			
.725						-.3970	-.4020
.750			-.4540				
.760				-.4260	-.4900		
.775			-.3130				
.808							
.834	-.2610			-.3030	-.4070	-.5460	
.850			-.2370				
.857							
.865	-.2770			-.1520			-.4380
.900	-.1630		-.1200				
.905				.0130	-.0820	-.2160	
.950			.0250				
.953							
.965	-.0330						

MACH (2) = .902 BETAT (5) = 2.080

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.3160	-.2320	.0840	.3550	.2300	.1870	-.2100
.050				.2090	.2350	.2400	.2800
.081			.2920				
.086		.0640					
.094	.0620						
.150				.1560	.1580	.1810	.1390
.177			.1590				
.229	.0990						
.246		.1970					
.250				.0510	.1060	.1170	.0700
.362	.1750						
.400				.0300	.0130		-.0300
.402			-.0140				
.497	.0780						
.550				-.1690	-.2640		
.565			-.1770				
.600							-.2600
.650						-.3010	
.700	-.1470				-.4130		
.725				-.3790			
.750						-.3790	-.3960
.760			-.3810				
.775				-.3280	-.4240		

AMES 11-75' IA9 02A + S3 + T9 LOWER WING (RBML10)

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (2) = .962 BETAT (5) = 2.080

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.808			-.2660				
.834	-.2260						
.850				-.3010	-.3500	-.4360	
.857			-.2160				
.865	-.2120						
.900	-.1290			-.1480			-.3280
.905			-.1180				
.950				.0220	-.0570	-.1890	
.953			.0210				
.965	-.0320						

MACH (2) = .901 BETAT (6) = 4.130

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.2950	-.1930	.0490	.3130	.1970	.1420	-.2540
.050				.1890	.2170	.2250	.2590
.081			.2630				
.086		.0360					
.094	.0440						
.150				.1360	.1440	.1660	.1210
.177			.1360				
.229	.0770						
.246		.1640					
.250				.0390	.0950	.1050	.0540
.362	.1360						
.400				.0210	.0070		-.0430
.402			-.0230				
.497	.0430						
.550				-.1710	-.2720		
.565			-.1760				
.600							-.2560
.650						-.3020	
.700	-.1430				-.3900		
.725				-.3550			
.750						-.3590	-.3810
.760			-.3370				
.775				-.2980	-.3940		
.808			-.2270				
.834	-.1970						
.850				-.2710	-.3450	-.4180	
.857			-.1940				
.865	-.1570						
.900	-.0930			-.1340			-.3160
.905			-.1090				
.950				.0230	-.0570	-.1760	
.953			.0080				

DATE 26 SEP 73 TABULATED PRESSURE DATA - IA9A (RBNL10)

AMES 11-707 IA9 02A + S3 + T9 LOWER WING

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (2) = .901 BETAT (6) = 4.130

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.965	-.0690						

MACH (2) = .901 BETAT (7) = 6.200

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.3060	-.1720	-.0280	.2260	.1470	.1100	-.3140
.050				.1900	.2010	.2050	.2370
.081			.2570				
.086		.0130					
.094	.0300			.1310	.1340	.1530	.1000
.150							
.177			.1300				
.229	.0630						
.246		.1490		.0290	.0840	.0900	.0460
.250							
.362	.1100			.0170	.0040		-.0430
.400							
.402			-.0270				
.497	.0280			-.1650	-.2550		
.550							
.565			-.1560				-.2600
.600						-.3020	
.650					-.3840		
.700	-.1340			-.3640			
.725						-.3760	-.3740
.750							
.760			-.3560				
.775				-.3220	-.4190		
.808			-.2350				
.834	-.2190						
.850				-.3010	-.3490	-.4120	
.857			-.2270				
.865	-.2000						
.900	-.1590			-.1610			-.3130
.905			-.1530				
.950				-.0110	-.0640	-.1720	
.953			-.0380				
.965	-.1340						

MACH (2) = .900 BETAT (8) = 8.260

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.3250	-.1440	-.1070	.1600	.0650	.0660	-.3640
.050				.1800	.2100	.1910	.2220
.081			.2450				
.086		-.0100					
.094	.0040						

AMES 11-7D7 IA9 O2A + S3 + T9 LOWER WING (RBML10)

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (2) = .900 BETAT (8) = 8.260

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.150				.1140	.1280	.1400	.0850
.177			.1230				
.229	.0420						
.246		.1260					
.250				.0170	.0710	.0770	.0270
.362	.0870						
.400				.0100	-.0110		-.0440
.402			-.0450				
.497	.0180						
.550				-.1590	-.2600		
.565			-.1660				
.600							-.2850
.650						-.2960	
.700	-.1670				-.3870		
.725				-.3300			
.750						-.3810	-.3960
.760			-.3240				
.775				-.3200	-.4060		
.808			-.2270				
.834	-.2190						
.850				-.3280	-.4000	-.4640	
.857			-.2050				
.865	-.2080						
.900	-.1840			-.1970			-.3640
.905			-.1820				
.950				-.0690	-.1020	-.1950	
.953			-.1330				
.965	-.1680						

MACH (3) = 1.103 BETAT (1) = -8.180

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.1670	-.1600	.3570	.6340	.5580	.5310	.2350
.050				.5450	.5580	.5390	.5540
.081			.5750				
.086		.2070					
.094	.0160						
.150				.4700	.4770	.4750	.4250
.177			.4620				
.229	.1590						
.246		.4630					
.250				.3640	.4080	.4020	.3600
.362	.4270						
.400				.3310	.3150		.2700
.402			.2990				
.497	.4270						

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A

AMES 11-707 IA9 O2A + S3 + T9 LOWER WING (RBML10)

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (3) = 1.103 BETAT (1) = -6.180

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.550				.1460	.0490		
.565			.1530				.0320
.600						-.0150	
.650					-.1380		
.700	.1980			-.1420			
.725						-.1430	-.1800
.750							
.760			-.2960				
.775				-.2550	-.2170		
.808			-.2850				
.834	-.3060						
.850				-.4090	-.3180	-.3090	
.857			-.4600				
.865	-.4860						
.900	-.6470			-.4720			-.2240
.905			-.6190				
.950				-.5360	-.4610	-.4100	
.953			-.2200				
.965	-.1610						

MACH (3) = 1.103 BETAT (2) = -6.130

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.2580	-.2400	.3090	.6070	.5330	.5110	.2060
.050				.5000	.5180	.5080	.5270
.061			.5390				
.086		.1610					
.094	.0000						
.150				.4320	.4400	.4450	.3990
.177			.4230				
.229	.1310						
.246		.4270					
.250				.3250	.3780	.3790	.3350
.362	.3830						
.400				.3040	.2900		.2490
.402			.2640				
.497	.3840						
.550				.1260	.0280		
.565			.1280				
.600							.0000
.650						-.0320	
.700	.1640				-.1520		
.725				-.1610			
.750						-.1610	-.2000
.760			-.3140				
.775				-.2760	-.2350		

AMES 11-707 IA9 C2A + S3 + T9 LOWER WING (RBHL10)

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (3) = 1.103 BETAT (2) = -6.130

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.808			-.3030				
.834	-.3270						
.850				-.4190	-.3320	-.3270	
.857			-.4820				
.865	-.5030						
.900	-.6400			-.4870			-.2410
.905			-.4050				
.950				-.5270	-.4720	-.4263	
.953			-.1970				
.965	-.1670						

MACH (3) = 1.102 BETAT (3) = -4.080

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.3250	-.3180	.2820	.5640	.5110	.4870	.1770
.050				.4560	.4700	.4650	.4910
.081			.5050				
.086		.1140					
.094	-.0420						
.150				.3910	.3980	.4110	.3680
.177			.3620				
.229	.1230						
.246		.3900					
.250				.2690	.3440	.3520	.3110
.362	.3440						
.400				.2740	.2620		.2260
.402			.2230				
.497	.3380						
.550				.1050	.0090		
.565			.0980				
.600							-.0320
.650						-.0510	
.700	.1310				-.1690		
.725				-.1790			
.750						-.1810	-.2150
.760			-.3330				
.775				-.2930	-.2510		
.808			-.3220				
.834	-.3430						
.850				-.4290	-.3440	-.3430	
.857			-.4950				
.865	-.5170						
.900	-.4390			-.4930			-.2570
.905			-.2590				
.950				-.2440	-.4820	-.4420	
.953			-.1730				

DATE 20 SEP 79 TABULATED PRESSURE DATA - IA9A

AMES 11-707 IA9 C2A + S3 + T9 LOWER WING (RBML10)

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (3) = 1.102 BETAT (3) = -4.080

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.965	-.1140						

MACH (3) = 1.102 BETAT (4) = -2.020

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.4290	-.4140	.2480	.5480	.4810	.4630	.1580
.050				.3970	.4150	.4190	.4560
.081			.4570				
.086		.0760					
.094	-.0740						
.150				.3400	.3470	.3780	.3350
.177			.3340				
.229	.0850						
.246		.3400					
.250				.2320	.3040	.3270	.2840
.362	.2920						
.400				.2410	.2370		.2080
.402			.1760				
.497	.2730						
.550				.0840	-.0100		
.565			.0630				
.600							-.0540
.650						-.0670	
.700	.0890				-.1820		
.725				-.1960			
.750						-.1930	-.2320
.760			-.3550				
.775				-.3090	-.2680		
.808			-.3410				
.834	-.3660						
.850				-.4380	-.3570	-.3590	
.857			-.5120				
.865	-.5160						
.900	-.2870			-.5010			-.2730
.905			-.2040				
.950				-.1730	-.4910	-.4550	
.953			-.1690				
.965	-.0830						

MACH (3) = 1.102 BETAT (5) = 2.080

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.5910	-.4050	.1220	.4740	.4060	.4150	.1020
.050				.3000	.3460	.3680	.4240
.081			.3500				
.086		.0570					
.094	-.1350						

DATE 25 SEP 73 TABULATED PRESSURE DATA - IA9A

AMES 11-707 IA9 O2A + S3 + T9 LOWER WING (RBML10)

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (3) = 1.102 BETAT (5) = 2.060

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.150				.2570	.2650	.3350	.3050
.177			.2240				
.229	.0710						
.246		.2280					
.250				.1650	.2590	.2860	.2550
.362	.1610						
.400				.1900	.1930		.1810
.402			.1140				
.497	.1420						
.550				.0590	-.0360		
.565			.0050				-.0800
.600						-.0890	
.650					-.2130		
.700	.0110			-.2430			
.725						-.2230	-.2560
.750							
.760			-.4050				
.775				-.3540	-.3040		
.808			-.3870				
.834	-.4080						
.850				-.4770	-.3910	-.3910	
.857			-.5240				
.885	-.2890						
.900	-.2060			-.4930			-.3150
.905			-.2350				
.950				-.1420	-.5230	-.4870	
.953			-.0930				
.965	-.0820						

MACH (3) = 1.102 BETAT (6) = 4.140

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.5950	-.2860	.0680	.4460	.3760	.3700	.0630
.050				.2860	.3250	.3470	.3990
.081			.2930				
.086		.0420					
.094	-.1890						
.150				.2350	.2650	.3090	.2820
.177			.2020				
.229	.0470						
.246		.1860					
.250				.1460	.2360	.2730	.2340
.362	.1550						
.400				.1540	.1720		.1650
.402			.0950				
.497	.0940						

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A

AMES 11-707 IA9 CBA + S3 + T9 LOWER WING (RBML10)

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (3) = 1.102 BETAT (6) = 4.140

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.550				.0160	-.0530		
.565			-.0040				-.1730
.600						-.1140	
.650					-.2300		
.700	-.0200			-.2510			
.725						-.2360	-.2760
.750							
.760			-.4050				
.775				-.3650	-.3170		
.808			-.3870				
.834	-.3680						
.850				-.4910	-.4050	-.4040	
.857			-.5140				
.865	-.3080						
.900	-.2190			-.4490			-.3360
.905			-.2470				
.950				-.1460	-.5350	-.4980	
.953			-.0950				
.965	-.1150						

MACH (3) = 1.100 BETAT (7) = 6.210

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.6120	-.2560	.0650	.2950	.3140	.3140	-.0010
.050				.2760	.3050	.3190	.3760
.061			.3030				
.066		.0340					
.094	-.2420						
.150				.2300	.2450	.2850	.2570
.177			.2120				
.229	.0560						
.246		.1960					
.250				.1390	.2080	.2430	.2100
.362	.1460						
.400				.1500	.1470		.1510
.402			.0740				
.497	.1140						
.550				-.0010	-.0670		
.565			-.0270				
.600							-.0980
.650						-.1320	
.700	-.0610				-.2380		
.725				-.2610			
.750						-.2480	-.2840
.760			-.3980				
.775				-.3670	-.3190		

TE 20 SEP 73 TABULATED PRESSURE DATA - IA9A (RBNL10)

AMES 11-707 IA9 C2A + S3 + T9 LOWER WING

DEPENDENT VARIABLE CP

SECTION (1)LOWER WING

MACH (3) = 1.100 BETAT (7) = 6.210

Y/BW	.299	.364	.427	.534	.675	.780	.887
X/CW							
.808			-.3130				
.834	-.2240				-.4710	-.4110	-.4060
.850			-.3520				
.857							-.3390
.865	-.2510				-.4160		
.900	-.2060		-.3580				
.905					-.1400	-.3080	-.4980
.950			-.1280				
.953							
.965	-.1680						

MACH (3) = 1.106 BETAT (8) = 8.280

Y/BW	.299	.364	.427	.534	.675	.780	.887
X/CW							
.000	-.6460	-.2070	-.0700	.2170	.1710	.2580	-.0510
.050				.2470	.2880	.2660	.3700
.081			.3130				
.086		.0360					
.094	-.2920			.1930	.2280	.2550	.2490
.150			.2110				
.177							
.229	.0470						
.246		.1790		.0990	.1910	.2120	.1960
.250							
.362	.1140			.1120	.1240		.1650
.400			.0280				
.402							
.497	.0830			-.0330	-.0880		
.550			-.0740				-.1140
.565						-.1440	
.600							
.650					-.2480		
.700	-.1450			-.2750			
.725						-.2510	-.2990
.750							
.760			-.3330		-.3370	-.3230	
.775							
.808			-.2600				
.834	-.1990				-.3830	-.4010	-.4100
.850			-.2670				
.857							-.3540
.865	-.2090				-.3860		
.900	-.1970		-.2580				
.905					-.2540	-.3340	-.4960
.950			-.1570				
.953							

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A

AMES 11-707 IA9 02A + S3 + T9 LOWER WING (RBML10)

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (3) = 1.106 BETAT (8) = 8.280

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.965	-.1740						

MACH (4) = 1.246 BETAT (1) = -8.140

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.0990	-.0820	.4410	.7520	.6720	.6620	.4530
.050				.5480	.5630	.5440	.6000
.081			.5970				
.086		.1340					
.094	.1420						
.150				.4950	.5190	.4800	.4840
.177			.4860				
.229	.1140						
.246		.4750					
.250				.3980	.3820	.4680	.4350
.362	.4250						
.400				.4030	.3690		.3610
.402			.3510				
.497	.4540						
.550				.2560	.1150		
.565			.2490				
.600							.1120
.650						.0890	
.700	.2830				-.0190		
.725				.0000			
.750						-.0270	-.0660
.760			-.1190				
.775				-.1030	-.0830		
.808			-.1470				
.834	-.1350						
.850				-.2390	-.1760	-.1760	
.857			-.2820				
.865	-.3180						
.900	-.4210			-.3070			-.1130
.905			-.4130				
.950				-.3700	-.3050	-.2640	
.953			-.4310				
.965	-.3990						

MACH (4) = 1.248 BETAT (2) = -6.080

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.1600	-.1620	.3830	.7110	.6350	.6220	.4080
.050				.5110	.5240	.5190	.5790
.081			.5600				
.086		.0770					
.094	.0690						

AMES 11-707 IA9 02A + S3 + T9 LOWER WING

SECTION (1)LOWER WING

DEPENDENT VARIABLE CP

MACH (4) = 1.248 BETAT (2) = -6.000

Y/BW	.299	.364	.427	.534	.675	.780	.887
X/CW							
.150				.4600	.4740	.4580	.4620
.177			.4500				
.229	.0610						
.246		.4350					
.250				.3560	.3470	.4490	.4160
.362	.3780						
.400				.3790	.3650		.3440
.402			.3140				
.497	.4100						
.550				.2350	.1030		
.565			.2180				.0900
.600						.0780	
.650					-.0290		
.700	.2490			-.0160			
.725						-.0360	-.0790
.750							
.760			-.1340				
.775				-.1160	-.0960		
.808			-.1650				
.834	-.1600						
.850				-.2500	-.1650	-.1660	
.857			-.2960				
.865	-.3540						
.900	-.4330			-.3190			-.1230
.905			-.4250				
.950				-.3810	-.3140	-.2750	
.953			-.4420				
.965	-.2840						

MACH (4) = 1.250 BETAT (3) = -4.050

Y/BW	.299	.364	.427	.534	.675	.780	.887
X/CW							
.000	-.2380	-.2670	.3370	.6650	.5930	.5850	.3680
.050				.4740	.4890	.4810	.5500
.081			.5300				
.086		.0320					
.094	.0220						
.150				.4280	.4260	.4250	.4360
.177			.4180				
.229	.0250						
.246		.4000					
.250				.3130	.3080	.4250	.3930
.362	.3400						
.400				.3520	.3440		.3240
.402			.2530				
.497	.3770						

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A (RBML10)

AMES 11-707 IA9 O2A + S3 + T9 LOWER WING

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (4) = 1.250 BETAT (3) = -4.050

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.550				.2120	.0860		
.565			.1930				.0720
.600						.0610	
.650					-.0360		
.700	.2230			-.0330			
.725						-.0510	-.0920
.750			-.1560				
.760				-.1290	-.1130		
.775			-.1830				
.808							
.834	-.1790			-.2570	-.1980	-.2000	
.850			-.3070				
.857							
.865	-.3430			-.3270			-.1510
.900	-.4440		-.4330				
.905				-.3890	-.3250	-.2870	
.950			-.4490				
.953							
.965	-.2540						

MACH (4) = 1.249 BETAT (4) = -2.080

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.3290	-.3410	.2360	.6160	.5560	.5470	.3370
.050				.4340	.4500	.4290	.5200
.081			.4900				
.086		-.0030					
.094	-.0070						
.150				.3870	.3740	.3890	.4110
.177			.3730				
.229	-.0110						
.246		.3370					
.250				.2570	.2580	.4010	.3740
.362	.2730						
.400				.3020	.3306		.3090
.402			.1830				
.497	.3160						
.550				.2050	.0750		
.565			.2040				
.600							.0540
.650						.0440	
.700	.2170				-.0560		
.725				-.0550			
.750						-.0700	-.1110
.760			-.1730				
.775				-.1500	-.1340		

SECTION (1)LOWER WING

DEPENDENT VARIABLE CF

MACH (4) = 1.249 BETAT (4) = -2.020

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.808			-.2030				
.834	-.2010						
.850				-.2730	-.2160	-.2180	
.857			-.3200				
.865	-.3640						
.900	-.4660			-.3410			-.1900
.905			-.4470				
.950				-.4030	-.3410	-.3040	
.953			-.4620				
.965	-.2560						

MACH (4) = 1.245 BETAT (5) = 2.070

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.4220	-.3570	.1250	.5120	.4770	.4620	.2900
.050				.3390	.3560	.3270	.4460
.081			.3660				
.086		-.0470					
.094	-.0720						
.150				.2900	.2850	.2870	.3520
.177			.2560				
.229	-.0710						
.246		.2210					
.250				.1630	.1700	.3450	.3320
.362	.1690						
.400				.2040	.2670		.2700
.402			.0990				
.497	.1690						
.550				.1250	.0400		
.565			.0910				
.600							.0100
.650						-.0100	
.700	.0630				-.1060		
.725				-.1260			
.750						-.1130	-.1570
.760			-.2420				
.775				-.2130	-.1840		
.808			-.2670				
.834	-.2580						
.850				-.3300	-.2620	-.2590	
.857			-.3850				
.865	-.4050						
.900	-.2090			-.3960			-.2170
.905			-.4960				
.950				-.4470	-.3780	-.3440	
.953			-.2650				

DATE 25 SEP 73 TABULATED PRESSURE DATA - IA9A

AMES 11-7ft IA9 C2A + S3 + T9 LOWER WING (RBML10)

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (4) = 1.245 BETAT (5) = 2.070

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.965	-.1970						

MACH (4) = 1.247 BETAT (6) = 4.120

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.4330	-.3540	.0810	.4760	.4380	.4480	.2770
.050				.2680	.3290	.3490	.4580
.081			.3030				
.086		-.0720					
.094	-.1140						
.150				.2370	.2780	.3420	.3500
.177			.1840				
.229	-.1130						
.246		.1940					
.250				.1570	.2230	.3520	.3080
.362	.1680						
.400				.2130	.2440		.2500
.402			.0980				
.497	.0390						
.550				.1140	.0180		
.565			.1010				
.600							.0060
.650						-.0060	
.700	.0740				-.1060		
.725				-.1260			
.750						-.1170	-.1560
.760			-.2450				
.775				-.2200	-.1930		
.808			-.2630				
.834	-.2630						
.850				-.3330	-.2690	-.2650	
.857			-.3810				
.865	-.3080						
.900	-.1840			-.3940			-.2170
.905			-.4320				
.950				-.4460	-.3840	-.3520	
.953			-.2340				
.965	-.1970						

MACH (4) = 1.246 BETAT (7) = 6.160

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.4480	-.3300	.0290	.3750	.4050	.4090	.2180
.050				.2920	.3120	.2650	.4020
.081			.3170				
.086		-.0230					
.094	-.1310						

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (4) = 1.246 BETAT (7) = 6.160

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.150				.2630	.2520	.2830	.3130
.177			.2110				
.229	-.1410						
.246		.1910					
.250				.1410	.1590	.3020	.2860
.362	.1410						
.400				.1930	.2160		.2280
.402			.0700				
.497	.0430						
.550				.0930	-.0180		
.565			.0700				
.600							-.0170
.650						-.0320	
.700	.0210				-.1310		
.725				-.1480			
.750						-.1420	-.1790
.760			-.2550				
.775				-.2290	-.2080		
.808			-.2730				
.834	-.2190						
.850				-.3380	-.2810	-.2810	
.857			-.3700				
.865	-.2420						
.900	-.1320			-.4000			-.2320
.905			-.3520				
.950				-.4510	-.3920	-.3670	
.953			-.2860				
.965	-.1850						

MACH (4) = 1.247 BETAT (8) = 8.220

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.4700	-.3010	-.0240	.3080	.2670	.3460	.1510
.050				.2590	.2750	.2440	.3660
.081			.2810				
.086		.0800					
.094	-.1670						
.150				.2050	.2240	.2130	.2510
.177			.2420				
.229	-.0670						
.246		.1600					
.250				.1140	.1350	.2300	.2260
.362	.0930						
.400				.1180	.1530		.2560
.402			.0430				
.497	.1570						

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A (RBML10)

AMES 11-707 IA9 O2A + S3 + T9 LOWER WING

DEPENDENT VARIABLE CP

SECTION (1)LOWER WING

MACH (4) = 1.247 BETAT (8) = 8.220

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.550				.0310	-.1500		
.565			-.0280				-.0420
.600						-.0670	
.650					-.1520		
.700	-.0920			-.1750			
.725						-.1630	-.2080
.750							
.760			-.2870				
.775				-.2670	-.2240		
.808			-.2750				
.834	-.1820						
.850				-.3630	-.2960	-.2930	
.857			-.2770				
.865	-.1870						
.900	-.1700			-.3930			-.2580
.905			-.2620				
.950				-.3910	-.4070	-.3750	
.953			-.2130				
.965	-.1540						

TE 2[illegible] SEP 73 TABULATED PRESSURE DATA - IA9A

AMES 11-707 IA9 O2A +[illegible]03 + T9 [illegible]WER WING (RBM_11) (27 APR 73)

REFERENCE DATA

SREF = 2.4210 SQ.FT. XMRP = 28.5300 INCHES
LREF = 39.3490 INCHES YMRP = .0000 INCHES
BREF = 39.8490 INCHES ZMRP = .0000 INCHES
SCALE = .0300 SCALE

PARAMETRIC DATA

ALPHAT = 8.000 ORBINC = .500
RUDDER = .000 ELEVON = .000
RUDFLR = .000

SECTION (1)LOWER WING

DEPENDENT VARIABLE CP

MACH (1) = .599 BETAT (1) = -8.040

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.3120	-.4270	-.1550	-.0770	-.3150	-.5100	-1.0090
.050				.4190	.4580	.4760	.4960
.081			.4210				
.086		.1710					
.094	.1430						
.150				.2900	.3140	.3360	.3080
.177			.2770				
.229	.1660						
.246		.3030					
.250				.1610	.2170	.2380	.2180
.362	.2740						
.400				.0580	.0950		.0920
.402			.0200				
.497	.1940						
.550				-.1410	-.1180		
.565			-.1900				
.600							-.0720
.650						-.1060	
.700	-.2120				-.2130		
.725				-.2500			
.750						-.1570	-.1750
.760			-.3370				
.775				-.2390	-.2020		
.808			-.2340				
.834	-.2950						
.850				-.2050	-.1680	-.1720	
.857			-.1990				
.865	-.2380						
.900	-.1530			-.1340			-.1240
.905			-.1290				
.950				.0000	-.0230	-.0450	
.953			-.0100				
.965	-.0210						

MACH (1) = .597 BETAT (2) = -6.030

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.3670	-.4560	-.1730	-.0710	-.3140	-.5260	-1.0640
.050				.3920	.4440	.4490	.4660
.081			.3890				
.086		.1460					
.094	.1230						

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A

AMES 11-707 IA9 C2A + S3 + T9 LOWER WING (RBML11)

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (1) = .597 BETAT (2) = -6.030

Y/BW	.299	.364	.427	.534	.673	.760	.887
X/CW							
.150				.2760	.2990	.3190	.2880
.177			.2480				
.229	.1630						
.246		.2720					
.250				.1460	.2030	.2200	.2010
.362	.2520						
.400				.0550	.0890		.0720
.402			.0100				
.497	.1710						
.550				-.1380	-.1170		
.565			-.1680				
.600							-.0820
.650						-.1110	
.700	-.2030				-.2100		
.725				-.2320			
.750						-.1530	-.1670
.760			-.3170				
.775				-.2130	-.1980		
.808			-.2180				
.834	-.2680						
.850				-.1870	-.1610	-.1680	
.857			-.1800				
.865	-.2160						
.900	-.1320			-.1120			-.1140
.905			-.1050				
.950				.0130	-.0160	-.0340	
.953			.0040				
.965	-.0160						

MACH (1) = .597 BETAT (3) = -4.010

Y/BW	.299	.364	.427	.534	.673	.760	.887
X/CW							
.000	-.4320	-.4680	-.1910	-.0750	-.3300	-.5420	-1.0990
.050				.3550	.4100	.4320	.4490
.081			.3520				
.086		.1010					
.094	.0930						
.150				.2440	.2710	.3060	.2700
.177			.2160				
.229	.1280						
.246		.2350					
.250				.1230	.1830	.2180	.1860
.362	.2130						
.400				.0420	.0770		.0640
.402			-.0170				
.497	.1280						

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A (RBML11)

AMES 11-707 IA9 O2A + S3 + T9 LOWER WING

DEPENDENT VARIABLE CP

SECTION (1)LOWER WING

MACH (1) = .597 BETAT (3) = -4.010

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.590				-.1340	-.1120		
.565			-.1870				-.0620
.600						-.1080	
.650					-.1970		
.700	-.2020			-.2270			
.725						-.1550	-.1700
.750							
.760			-.3070				
.775				-.2140	-.1900		
.808			-.2070				
.834	-.2460			-.1840	-.1550	-.2080	
.850							
.857			-.1620				
.865	-.1990			-.1090			-.1070
.900	-.1250		-.1000				
.905				.0120	-.0070	-.0290	
.950							
.953			.0060				
.965	-.0130						

MACH (1) = .898 BETAT (4) = -2.000

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.4680	-.4910	-.1670	-.0690	-.3500	-.5520	-1.1360
.050				.3250	.3620	.4090	.4290
.081			.3280				
.086		.0780					
.094	.0680			.2300	.2580	.2660	.2510
.150							
.177			.1930				
.229	.1060						
.246		.2130		.1060	.1830	.2060	.1850
.250							
.362	.1850			.0520	.0740		.0590
.400							
.402			-.0220				
.497	.1080			-.1280	-.1100		
.550							
.565			-.1530				-.0840
.600						-.1080	
.650					-.1990		
.700	-.1740			-.2090			
.725						-.1450	-.1780
.750							
.760			-.2710				
.775				-.1980	-.1870		

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A

AMES 11-707 IA9 O2A S3 + T9 LOWER WING (RBML11)

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (1) = .599 BETAT (4) = -2.000

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.808			-.1810				
.834	-.2030						
.850				-.1710	-.1480	-.1550	
.857			-.1640				
.865	-.1650						
.900	-.1120			-.1070			-.1080
.905			-.0890				
.950				.0150	-.0040	-.0240	
.953			.0140				
.965	-.0280						

MACH (1) = .600 BETAT (5) = .020

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.5030	-.4940	-.1820	-.0610	-.3330	-.5750	-1.2130
.050				.2780	.3550	.3600	.3970
.081			.3010				
.086		.0480					
.094	.0400						
.150				.1630	.2300	.2670	.2330
.177			.1650				
.229	.0770						
.246		.1810					
.250				.0750	.1530	.1780	.1540
.362	.1480						
.400				.0290	.0630		.0430
.402			-.0160				
.497	.0600						
.550				-.1260	-.1200		
.565			-.1540				
.600							-.0910
.650						-.1180	
.700	-.1710				-.2030		
.725				-.2120			
.750						-.1520	-.1850
.760			-.2590				
.775				-.1990	-.1910		
.808			-.1750				
.834	-.1880						
.850				-.1800	-.1620	-.1640	
.857			-.1700				
.865	-.1640						
.900	-.1100			-.1130			-.1070
.905			-.1120				
.950				-.0020	-.0150	-.0260	
.953			-.0130				

AMES 11-707 IA9 O2A + S3 + T9 LOWER WING (RBML11)

SE(1:A(1)LOWER WING DEPENDENT VARIABLE CP

MAC(1) = .600 BETAT (5) = .020

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.965	-.0350						

MAC(1) = .590 BETAT (6) = 2.060

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.4740	-.4440	-.1660	-.0520	-.3060	-.5570	-1.2040
.050				.2620	.3290	.3560	.3820
.081			.2660				
.086		.0190					
.094	.0270						
.150				.1780	.2140	.2900	.2160
.177			.1360				
.229	.0800						
.246		.1510					
.250				.0890	.1420	.1740	.1420
.362	.1170						
.400				.0280	.0590		.0400
.402			-.0310				
.497	.0330						
.550				-.1180	-.1160		
.565			-.1500				
.600							-.1000
.650						-.1170	
.700	-.1610				-.2010		
.725				-.1970			
.750						-.1540	-.1810
.760			-.2430				
.775				-.1870	-.1890		
.803			-.1590				
.834	-.1700						
.850				-.1710	-.1540	-.1590	
.857			-.1490				
.865	-.1500						
.900	-.1080			-.1060			-.1000
.905			-.1010				
.950				.0100	-.0020	-.0240	
.953			-.0060				
.965	-.0440						

MAC(1) = .597 BETAT (7) = 3.080

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.4400	-.4000	-.1880	-.0590	-.3130	-.5620	-1.2280
.050				.2530	.3260	.3470	.3730
.081			.2570				
.086		.0060					
.094	.0150						

DATE 9[illegible] SEP 79 TABULATED PRESSURE DATA - IA9A

AMES 11-[illegible]07 IA9 O2A + S3 + T9 LOWER WING (REAL11)

SECTION (1)LOWER WING DEPENDANT VARIABLE CP

MACH (1) = .597 BETAT (7) = 3.080

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.150				.1700	.2090	.2480	.2150
.177			.1280				
.229	.0460						
.246		.1410					
.250				.0650	.1360	.1720	.1370
.362	.1020						
.400				.0240	.0590		.0310
.402			-.0260				
.497	.0190						
.550				-.1140	-.1220		
.565			-.1440				
.600							-.0950
.650						-.1180	
.700	-.1530				-.1910		
.725				-.1910			
.750						-.1480	-.1790
.760			-.2350				
.775				-.1750	-.1870		
.808			-.1490				
.834	-.1510						
.850				-.1610	-.1510	-.1560	
.857			-.1400				
.865	-.1270						
.900	-.0890			-.0930			-.1010
.905			-.0880				
.950				.0120	-.0010	-.0190	
.953			-.0030				
.965	-.0290						

MACH (1) = .600 BETAT (8) = 4.100

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.4120	-.3680	-.2140	-.0870	-.3440	-.5940	-1.2540
.050				.2490	.3110	.3340	.3550
.081			.2500				
.086		-.0030					
.094	.0060						
.150				.1630	.2050	.2390	.1950
.177			.1220				
.229	.0380						
.246		.1340					
.250				.0580	.1320	.1570	.1270
.362	.0920						
.400				.0280	.0530		.0190
.402			-.0310				
.497	.0190						

AMES 11-707 IAC C2A + S3 + T9 LOWER WING (RBML11)

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (1) = .600 BETAT (8) = 4.100

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.550				-.1120	-.1240		
.565			-.1370				
.600							-.1020
.650						-.1200	
.700	-.1400				-.1990		
.725				-.1850			
.750						-.1500	-.1760
.760			-.2300				
.775				-.1680	-.1910		
.808			-.1470				
.834	-.1440						
.850				-.1570	-.1470	-.1520	
.857			-.1290				
.865	-.1170						
.900	-.0860			-.0950			-.0960
.905			-.0850				
.950				.0060	-.0050	-.0250	
.953			.0000				
.965	-.0330						

MACH (1) = .601 BETAT (9) = 6.150

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.3950	-.3280	-.2710	-.1540	-.3790	-.6080	-1.2990
.050				.2380	.2910	.3090	.3400
.081			.2440				
.086		-.0240					
.094	-.0080						
.150				.1440	.1850	.2330	.1900
.177			.1240				
.229	.0210						
.246		.1200					
.250				.0500	.1200	.1460	.1180
.362	.0740						
.400				.0400	.0430		.0180
.402			-.0180				
.497	.0680						
.550				-.1060	-.1250		
.565			-.1170				
.600							-.1070
.650						-.1190	
.700	-.1310				-.1960		
.725				-.1820			
.750						-.1530	-.1820
.760			-.2190				
.775				-.1710	-.1840		

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A

AMES 11-7D7 IA9 O2A + S3 + T9 LOWER WING (RBML11)

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (1) = .601 BETAT (9) = 6.150

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.808			-.1470				
.834	-.1550						
.850				-.1590	-.1500	-.1540	
.857			-.1440				
.865	-.1200						
.900	-.0800			-.0980			-.0970
.905			-.0990				
.950				.0020	-.0120	-.0190	
.953			-.0130				
.965	-.0640						

MACH (1) = .600 BETAT (10) = 8.190

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.3930	-.2800	-.3800	-.2750	-.4610	-.6810	-1.4020
.050				.2340	.2820	.2690	.3080
.081			.2490				
.086		-.0480					
.094	-.0370			.1420	.1690	.1990	.1690
.150							
.177			.1320				
.229	-.0010						
.246		.1130		.0540	.1000	.1260	.1010
.250							
.362	.0650			.0300	.0300		-.0060
.400							
.402			-.0120				
.497	.0220			-.1040	-.1350		
.550							
.565			-.1080				-.1170
.600						-.1390	
.650					-.2110		
.700	-.1310			-.1870			
.725						-.1780	-.2020
.750							
.760			-.2040				
.775				-.1670	-.1970		
.808			-.1240				
.834	-.1360			-.1840	-.1680	-.1770	
.850							
.857			-.1310				
.865	-.1190			-.1170			-.1180
.900	-.1020						
.905			-.0920				
.950				-.0270	-.0360	-.0410	
.953			-.0560				

AMES 11-707 IA9 C2A + S3 + T9 LOWER WING (RBML11)

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (1) = .600 BETAT (1D) = 8.190

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.965	-.1030						

MACH (2) = .900 BETAT (1) = -8.140

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.3480	-.2620	.1960	.4170	.3120	.2390	-.1710
.050				.4770	.5000	.4930	.4990
.081			.5040				
.086		.2560					
.094	.1680						
.150				.3650	.3900	.3840	.3300
.177			.3840				
.229	.2320						
.246		.3980					
.250				.2670	.2960	.2880	.2420
.362	.3740						
.400				.1800	.1680		.1250
.402			.1720				
.497	.3280						
.550				-.0550	-.1370		
.565			-.0460				
.600							-.1350
.650						-.2000	
.700	-.0010				-.3680		
.725				-.3950			
.750						-.3150	-.3380
.760			-.6360				
.775				-.5390	-.4450		
.808			-.5490				
.834	-.4730						
.850				-.6730	-.5500	-.5320	
.857			-.3800				
.865	-.4330						
.900	-.2270			-.2690			-.4150
.905			-.1720				
.950				-.1190	-.5180	-.6130	
.953			-.0260				
.965	-.0580						

MACH (2) = .903 BETAT (2) = -6.090

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.4270	-.3490	.1660	.3860	.2890	.2240	-.1960
.050				.4310	.4620	.4630	.4710
.081			.4610				
.086		.2110					
.094	.1470						

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A

AMES 11-7ft IA9 O2A + S3 + T9 LOWER WING (RBML11)

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (2) = .903 BETAT (2) = -6.090

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.150				.3460	.3610	.3580	.3060
.177			.3370				
.229	.2050						
.246		.3570					
.250				.2330	.2670	.2670	.2220
.362	.3310						
.400				.1530	.1440		.1040
.402			.1370				
.497	.2760						
.550				-.0750	-.1550		
.565			-.0730				
.600							-.1540
.650						-.2150	
.700	-.0390				-.3820		
.725				-.4100			
.750						-.3290	-.3620
.760			-.6510				
.775				-.5510	-.4590		
.808			-.4220				
.834	-.3220						
.850				-.5490	-.5530	-.5360	
.857			-.3590				
.865	-.4060						
.900	-.2050			-.2540			-.4240
.905			-.1700				
.950				-.1000	-.3930	-.6170	
.953			-.0230				
.965	-.0570						

MACH (2) = .903 BETAT (3) = -4.060

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.4450	-.3650	.1440	.3600	.2560	.2000	-.2270
.050				.3830	.4140	.4220	.4480
.081			.4170				
.086		.1770					
.094	.1330						
.150				.3010	.3220	.3240	.2860
.177			.2920				
.229	.1820						
.246		.3130					
.250				.1960	.2330	.2400	.1990
.362	.2960						
.400				.1170	.1190		.0850
.402			.0920				
.497	.2300						

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (2) = .903 BETAT (3) = -4.160

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.550				-.1050	-.1760		
.565			-.1060				
.600							-.1660
.650						-.2260	
.700	-.0710				-.3890		
.725				-.4180			
.750						-.3300	-.3650
.760			-.5200				
.775				-.48.0	-.4550		
.808			-.3280				
.834	-.2440						
.850				-.4080	-.5110	-.5300	
.857			-.2890				
.865	-.3640						
.900	-.1750			-.2320			-.4180
.905			-.1560				
.950				-.0610	-.2510	-.5690	
.953			-.0080				
.965	-.0320						

MACH (2) = .901 BETAT (4) = -2.020

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.4110	-.3510	.1170	.3390	.2080	.1570	-.2650
.050				.3390	.3760	.3650	.4130
.081			.3780				
.086		.1390					
.094	.1090						
.150				.2610	.2790	.2990	.2530
.177			.2480				
.229	.1500						
.246		.2780					
.250				.1540	.2020	.2110	.1710
.362	.2570						
.400				.0980	.0950		.0580
.402			.0580				
.497	.1830						
.550				-.1240	-.1960		
.565			-.1300				
.600							-.1910
.650						-.2390	
.700	-.1000				-.3970		
.725				-.4200			
.750						-.3370	-.3670
.760			-.4360				
.775				-.4080	-.4560		

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A

AMES 11-707 IA9 C2A + S3 + T9 LOWER WING (RBML11)

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (2) = .901 BETAT (4) = -2.020

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.808			-.3300				
.834	-.2410						
.850				-.4070	-.4930	-.5240	
.857			-.2880				
.865	-.3250						
.900	-.1770			-.2300			-.4220
.905			-.1660				
.950				-.0550	-.2330	-.5190	
.953			-.0130				
.965	-.0490						

MACH (2) = .901 BETAT (5) = 2.080

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.3440	-.2710	.0340	.3200	.1500	.0800	-.3550
.050				.2540	.3120	.3250	.3590
.081			.3240				
.086		.0690					
.094	.0700			.1940	.2240	.2540	.2060
.150							
.177			.1860				
.229	.1060						
.246		.2180					
.250				.0910	.1540	.1790	.1350
.362	.1850						
.400				.0590	.0570		.0330
.402			.0120				
.497	.0980						
.550				-.1430	-.2250		
.565			-.1520				
.600							-.2140
.650						-.2570	
.700	-.1300				-.3940		
.725				-.3810			
.750						-.3430	-.3780
.760			-.3730				
.775				-.3580	-.4310		
.800			-.2890				
.834	-.2150						
.850				-.3280	-.4380	-.4850	
.857			-.2560				
.865	-.2190						
.900	-.1270			-.1980			-.4020
.905			-.1500				
.950				-.0390	-.1810	-.3760	
.953			-.0110				

SECTION 1 (LOWER WING DEPENDENT VARIABLE [illegible]

MACH (2) = .901 BETAT (5) = 2.180

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.965	-.0470						

MACH (2) = .900 BETAT (6) = 4.150

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.3270	-.2340	-.0250	.2790	.1200	.0710	-.0280
.090				.2390	.2940	.3100	.3450
.081			.2930				
.086		.0450					
.094	.0550						
.150				.1760	.2050	.2360	.1970
.177			.1640				
.229	.0690						
.246		.1360					
.250				.0760	.1360	.1670	.1220
.362	.1500						
.400				.0480	.0400		.0390
.402			.0070				
.497	.0630						
.550				-.1450	-.2300		
.565			-.1510				
.600							-.2190
.650						-.2450	
.700	-.1230				-.3760		
.725				-.3450			
.750						-.3200	-.3560
.760			-.3430				
.775				-.3240	-.4060		
.808			-.2590				
.834	-.1880						
.850				-.3110	-.3870	-.4660	
.857			-.2240				
.865	-.1750						
.900	-.1130			-.1930			-.3820
.905			-.1390				
.950				-.0320	-.1610	-.3530	
.953			-.0180				
.965	-.0690						

MACH (2) = .902 BETAT (7) = 6.240

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.3470	-.2010	-.1070	.2080	.1070	.0190	-.4480
.050				.2300	.2560	.2880	.3240
.081			.2780				
.086		.0150					
.094	.0240						

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A

AMES 11-707 IA9 C2A + S3 + T9 LOWER WING (RBNL11)

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (2) = .902 BETAT (7) = 6.200

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.150				.1560	.1800	.2110	.1780
.177			.1480				
.229	.0610						
.246		.1600					
.250				.0590	.1200	.1400	.1060
.362	.1070						
.400				.0350	.0340		.0250
.402			-.0170				
.497	.0400						
.550				-.1500	-.2420		
.565			-.1510				
.600							-.2170
.650						-.2560	
.700	-.1370				-.3680		
.725				-.3540			
.750						-.3260	-.3670
.760			-.3610				
.775				-.3240	-.4250		
.808			-.2540				
.834	-.2020						
.850				-.3370	-.3950	-.4730	
.857			-.2630				
.865	-.2050						
.900	-.1760			-.2180			-.4110
.905			-.2000				
.950				-.0560	-.1600	-.3120	
.953			-.0780				
.965	-.1350						

MACH (2) = .900 BETAT (8) = 8.280

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.3650	-.1740	-.1880	.0970	.0310	-.0330	-.5000
.050				.2260	.2520	.2580	.3000
.081			.2670				
.086		-.0180					
.094	-.0050						
.150				.1430	.1640	.1990	.1540
.177			.1450				
.229	.0440						
.246		.1370					
.250				.0340	.1070	.1290	.0880
.362	.0840						
.400				.0230	.0260		.0460
.402			-.0450				
.497	.0170						

AMES 11-707 IA9 O2A + S3 + T9 LOWER WING (RBML11)

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (2) = .900 BETAT (8) = 8.280

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.550				-.1460	-.2430		
.565			-.1580				
.600							-.2320
.650						-.2640	
.700	-.1660				-.3730		
.725				-.3240			
.750						-.3240	-.3660
.760			-.2960				
.775				-.3130	-.4060		
.808			-.2060				
.834	-.2120						
.850				-.3390	-.3990	-.4690	
.857			-.2290				
.865	-.1980						
.900	-.1790			-.2190			-.4110
.905			-.1690				
.950				-.0940	-.1550	-.2700	
.953			-.1550				
.965	-.1660						

MACH (3) = 1.103 BETAT (1) = -8.130

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.2140	-.2600	.2770	.3120	.3090	.4600	.0990
.050				.6080	.6330	.6160	.6290
.081			.6200				
.086		.2370					
.094	.0630						
.150				.5130	.5300	.5300	.4810
.177			.4890				
.229	.1940						
.246		.4880					
.250				.3990	.4540	.4500	.4070
.362	.4380						
.418				.3470	.3490		.3140
.442			.3130				
.497	.4280						
.550				.1530	.0740		
.565			.1540				
.600							.0600
.650						.0160	
.700	.1990				-.1220		
.725				-.1330			
.750						-.1110	-.1470
.760			-.2900				
.775				-.2420	-.1990		

DATE 26 SEP 75 TABULATED PRESSURE DATA - IA9A

AMES 11-707 IA9 O2A + S3 + T9 LOWER WING (RBML11)

SECTION (1):LOWER WING DEPENDENT VARIABLE CP

MACH (3) = 1.103 BETAT (1) = -6.150

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.808			-.2780				
.834	-.3010			-.3870	-.2990	-.2830	
.850							
.857			-.4440				
.865	-.4800			-.4610			-.1950
.900	-.6330		-.6190				
.905				-.5240	-.4410	-.3680	
.950			-.2140				
.953							
.965	-.1630						

MACH (3) = 1.098 BETAT (2) = -6.11[illegible]

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.3150	-.3540	.2370	.5800	.4890	.4360	.0660
.050				.5680	.6000	.5920	.6070
.081			.5830				
.086		.1650					
.094	.0470			.4810	.5000	.5100	.4600
.150							
.177			.4550				
.229	.1540						
.246		.4470		.3670	.4290	.4330	.3670
.250							
.362	.3960			.3250	.3280		.2940
.400							
.402			.2860				
.497	.3860			.1370	.0540		
.550							
.565			.1330				.0420
.600						.0030	
.650					-.1330		
.700	.1710			-.1480			
.725						-.1270	-.1630
.750							
.760			-.3060				
.775				-.2570	-.2140		
.808			-.2940				
.834	-.3220			-.4000	-.3120	-.2560	
.850							
.857			-.4640				
.865	-.4930			-.4730			-.2140
.900	-.5860		-.6230				
.905				-.5350	-.4530	-.4020	
.950			-.2060				
.953							

AMES 11-7X7 IA9 O2A + S3 + T9 LOWER WING (RBNL11)

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (3) = 1.098 BETAT (2) = -6.110

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.985	-.1590						

MACH (3) = 1.102 BETAT (3) = -4.070

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.4110	-.4600	.2000	.5450	.4660	.4180	.0370
.050				.5220	.5520	.5490	.5740
.061			.5440				
.066		.1300					
.094	.0150						
.150				.4370	.4560	.4780	.4300
.177			.4130				
.229	.1280						
.246		.4070					
.250				.3250	.3940	.4050	.3590
.362	.3480						
.400				.2960	.3020		.2730
.402			.2170				
.497	.3450						
.550				.1150	.0290		
.565			.1070				
.600							.0170
.650						-.0160	
.700	.1450				-.1500		
.725				-.1650			
.750						-.1470	-.1780
.760			-.3280				
.775				-.2780	-.2320		
.808			-.3120				
.834	-.3420						
.850				-.4190	-.3270	-.3160	
.857			-.4820				
.865	-.5100						
.900	-.3740			-.4900			-.2340
.905			-.5990				
.950				-.3860	-.4680	-.4190	
.953			-.2080				
.965	-.1140						

MACH (3) = 1.101 BETAT (4) = -2.030

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.5280	-.5770	.1590	.5170	.4450	.4060	.0120
.050				.4610	.4990	.5110	.5410
.081			.4930				
.086		.0710					
.094	-.0270						

DATE 20 SEP 79 TABULATED PRESSURE DATA - IA9A (RBML11)

AMES 11-707 IA9 C2A + S3 + T9 LOWER WING

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (3) = 1.101 BETAT (4) = -2.030

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.150				.3840	.4100	.4440	.4080
.177			.3530				
.229	.0900						
.246		.3560					
.250				.2750	.3560	.3780	.3340
.362	.2960						
.400				.2600	.2700		.2460
.402			.2000				
.497	.2760						
.550				.0880	.0040		
.565			.0710				
.600							-.0100
.650						-.0400	
.700	.0900				-.1750		
.725				-.1950			
.750						-.1700	-.2010
.760			-.3580				
.775				-.3050	-.2560		
.808			-.3420				
.834	-.3620						
.850				-.4440	-.3500	-.3410	
.857			-.5080				
.865	-.4900						
.900	-.2730			-.5140			-.2800
.905			-.4230				
.950				-.2000	-.4900	-.4490	
.953			-.1870				
.965	-.0930						

MACH (3) = 1.101 BETAT (5) = 2.090

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.5990	-.4840	.0540	.4250	.3920	.3680	-.0290
.050				.3650	.4210	.4390	.4680
.061			.3730				
.086		.0490					
.094	-.0760						
.150				.2960	.3390	.3650	.3560
.177			.2450				
.229	.0550						
.246		.2400					
.250				.1970	.2970	.3300	.2950
.362	.1830						
.400				.2000	.2190		.2160
.402			.1300				
.497	.1510						

AMES 11-7X7 IA9 O2A + S3 + T9 LOWER WING (RBML11)

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (3) = 1.101 BETAT (5) = 2.090

Y/BW	.299	.364	.427	.534	.675	.780	.887
X/CW							
.550				.0410	-.0330		
.565			.0080				-.0500
.600						-.0810	
.650					-.2100		
.700	.0150			-.2420			
.725						-.2060	-.2570
.750			-.4110				
.760				-.3540	-.3000		
.775			-.3910				
.808							
.834	-.4110			-.4790	-.3900	-.3780	
.850			-.4960				
.857							
.865	-.2740			-.5420			-.2970
.900	-.1970		-.3200				
.905				-.1720	-.3800	-.4790	
.950			-.0830				
.953							
.965	-.0820						

MACH (3) = 1.103 BETAT (6) = 4.150

Y/BW	.299	.364	.427	.534	.675	.780	.887
X/CW							
.000	-.6010	-.4050	-.0020	.3990	.3800	.3400	-.0550
.050				.3300	.3960	.4160	.4700
.081			.3130				
.086		.0260					
.094	-.1450						
.150				.2600	.3160	.3630	.3370
.177			.2250				
.229	.0340						
.246		.1920					
.250				.1720	.2710	.3100	.2790
.362	.1450						
.400				.1640	.1960		.2020
.402			.1070				
.497	.1110						
.550				.0160	-.0510		
.565			-.0070				
.600							-.0600
.650						-.0930	
.700	-.0210				-.2250		
.725				-.2520			
.750						-.2190	-.2490
.760			-.4150				
.775				-.3620	-.3110		

DATE 21 SEP 73 TABULATED PRESSURE DATA - IA9A

AMES 11-707 IA9 02A + 83 + T9 LOWER WING (RBML11)

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (3) = 1.103 BETAT (6) = 4.150

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.808			-.3950				
.834	-.3700						
.850				-.4830	-.3980	-.3690	
.857			-.3960				
.865	-.2840						
.900	-.2060			-.5330			-.3110
.905			-.3100				
.950				-.1900	-.5270	-.4670	
.953			-.1160				
.965	-.1310						

MACH (3) = 1.100 BETAT (7) = 6.230

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.6250	-.3010	-.0820	.2480	.2970	.2870	-.1110
.050				.3190	.3580	.3620	.4410
.081			.3100				
.086		-.0090					
.094	-.2100						
.150				.2900	.2830	.3350	.3110
.177			.2180				
.229	.0350						
.246		.1690					
.250				.1530	.2380	.2800	.2530
.362	.1280						
.400				.1480	.1640		.1940
.402			.0700				
.497	.1080						
.550				-.0050	-.0720		
.565			-.0390				
.600							-.0790
.650						-.1120	
.700	-.0780				-.2370		
.725				-.2680			
.750						-.2360	-.2670
.760			-.4060				
.775				-.3610	-.3250		
.800			-.2870				
.834	-.2160						
.850				-.4040	-.4070	-.4020	
.857			-.3170				
.865	-.2530						
.900	-.2080			-.3980			-.3200
.905			-.3610				
.950				-.3690	-.5210	-.4970	
.953			-.2360				

AMES 11-7X7 IA9 O2A + S3 + T9 LOWER WING (RBML11)

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (3) = 1.100 BETAT (7) = 6.230

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.965	-.1840						

MACH (3) = 1.100 BETAT (8) = 8.300

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.6800	-.2770	-.1610	.1290	.1970	.2260	-.1320
.050				.2680	.3090	.3500	.4250
.081			.3130				
.086		-.0130					
.094	-.2630						
.150				.2040	.2340	.3080	.2890
.177			.2120				
.229	.0490						
.246		.1680					
.250				.1140	.1930	.2500	.2340
.362	.1010						
.400				.1080	.1260		.1970
.402			.0220				
.497	.0700						
.550				-.0400	-.0940		
.565			-.0830				
.600							-.0970
.650						-.1340	
.700	-.1510				-.2800		
.725				-.2910			
.750						-.2540	-.2850
.760			-.3460				
.775				-.3370	-.3340		
.808			-.2590				
.834	-.2080						
.850				-.3790	-.4080	-.4150	
.857			-.2730				
.865	-.2220						
.900	-.2100			-.3690			-.3410
.905			-.2740				
.950				-.2770	-.4870	-.5010	
.953			-.1670				
.965	-.1819						

MACH (4) = 1.245 BETAT (1) = -8.110

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.1220	-.1520	.3950	.7210	.6370	.6060	.3490
.050				.6060	.6370	.6220	.6740
.081			.6260				
.086		.1650					
.094	.1300						

DATE 2[illegible] SEP 79 TABULATED PRESSURE DATA - IA9A (RBML11)

AMES 11-707 IA9 O2A + S3 + T9 LOWER WING

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (4) = 1.245 BETAT (1) = -8.110

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.150				.5350	.5700	.5530	.5360
.177			.5080				
.229	.1480						
.246		.4920					
.250				.4300	.4190	.5150	.4780
.362	.4290						
.400				.4200	.4170		.3970
.402			.3670				
.497	.4560						
.550				.2620	.1190		
.565			.2470				
.600							.1410
.650						.1180	
.700	.2850				-.0090		
.725				.0040			
.750						-.0090	-.0370
.760			-.1180				
.775				-.0960	-.0660		
.808			-.1450				
.834	-.1490						
.850				-.2530	-.1630	-.1590	
.857			-.2770				
.865	-.3190						
.900	-.4200			-.3020			-.0840
.905			-.4080				
.950				-.3590	-.2800	-.2480	
.953			-.4260				
.965	-.3620						

MACH (4) = 1.249 BETAT (2) = -6.070

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.1680	-.2450	.3180	.6820	.6040	.5730	.3020
.050				.5720	.6110	.5980	.6550
.081			.5960				
.086		.1060					
.094	.0810						
.150				.5060	.5390	.5340	.5230
.177			.4770				
.229	.1070						
.246		.4440					
.250				.4040	.3930	.5000	.4620
.362	.3790						
.400				.4050	.4040		.3860
.402			.3400				
.497	.4130						

TE 25 SEP 73 TASULATED PRESSURE DATA - IA9A

AMES 11-707 IA9 C2A + S3 + T9 LOWER WING (RBNL11)

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (4) = 1.249 BETAT (2) = -6.070

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.550				.2520	.1080		
.565			.2290				.1240
.600						.1100	
.650					-.0150		
.700	.2500			-.0020			
.725						-.0110	-.0460
.750			-.1320				
.760				-.1030	-.0750		
.775			-.1590				
.808	-.1650			-.2360	-.1700	-.1630	
.850			-.2830				
.857	-.3360			-.3080			-.0910
.900	-.4320		-.4130				
.905				-.3630	-.2980	-.2540	
.950			-.4300				
.953							
.955	-.2780						

MACH (4) = 1.249 BETAT (3) = -4.040

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.2940	-.3170	.2490	.6320	.5630	.5370	.2650
.050				.5360	.5720	.5650	.6290
.081			.5630				
.086		.0620					
.094	.0500			.4720	.4980	.5080	.4990
.150			.4450				
.177							
.229	.0560						
.246		.4040		.3600	.3550	.4830	.4450
.250							
.362	.3400			.3790	.3800		.3720
.402			.3050				
.497	.3800			.2320	.0960		
.550							
.565			.2030				.1080
.600						.0960	
.650					-.0240		
.700	.2220			-.0190			
.725						-.0220	-.0570
.750							
.760			-.1490				
.775				-.1210	-.0890		

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A

AMES 11-707 IA9 O2A + S3 + T9 LOWER WING (RBML11)

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (4) = 1.249 BETAT (3) = -4.040

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.608			-.1760				
.634	-.1640						
.650				-.2520	-.1810	-.1760	
.657			-.2990				
.865	-.3480						
.900	-.4180			-.3200			-.1250
.905			-.4280				
.950				-.3770	-.3100	-.2650	
.953			-.4430				
.965	-.2400						

MACH (4) = 1.248 BETAT (4) = -2.020

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.3640	-.3750	.1590	.5800	.5220	.5050	.2530
.050				.4990	.5370	.5310	.6070
.081			.5210				
.086		.0330					
.094	.0090			.4320	.4570	.4600	.4750
.150							
.177			.4020				
.229	.0180						
.246		.3510		.3130	.3200	.4610	.4220
.250							
.362	.2770			.3590	.3580		.3500
.400							
.402			.2570				
.497	.3270			.2050	.0790		
.550							
.565			.1730				.0900
.600						.0760	
.650					-.0360		
.700	.1900			-.0360			
.725						-.0360	-.0740
.750							
.760			-.1720	-.1360	-.1060		
.775							
.808			-.1980				
.834	-.2010			-.2630	-.1980	-.1920	
.850							
.857			-.3140				
.865	-.3660						
.900	-.4560			-.3310			-.1510
.905			-.4390				
.950				-.3690	-.3250	-.2810	
.953			-.4520				

TABULATED PRESSURE DATA - *49A

(RBML11)

AMES 11-707 IA9 O2A + S3 + T9 LOWER WING

DEPENDENT VARIABLE CP

SECTION (1)LOWER WING

MACH (4) = 1.248 BETAT (4) = -2.020

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.965	-.2310						

MACH (4) = 1.248 BETAT (5) = 2.080

Y/BW	.299	.364	.427	.534	.675	.780	.887
X/CW							
.000	-.4150	-.3950	.0220	.4800	.4540	.4490	.1930
.050				.3910	.4300	.4270	.5360
.081			.3900				
.086		.0170					
.094	-.0490			.3190	.3490	.4040	.4140
.150			.2770				
.177							
.229	.0080						
.246		.2190		.2030	.2220	.4020	.3690
.250							
.362	.1650			.2650	.2900		.3010
.400			.1510				
.402							
.497	.1660			.1100	.0220		
.550			.1060				
.565							.0490
.600						.0210	
.650					-.0860		
.700	.0820			-.1100			
.725						-.0840	-.1210
.750			-.2410				
.760				-.2080	-.1660		
.775			-.2620				
.808							
.834	-.2690			-.3240	-.2470	-.2330	
.850			-.3790				
.857							
.865	-.3620			-.3960			-.1770
.900	-.1400		-.4470				
.905				-.4400	-.3680	-.3230	
.950			-.2480				
.953							
.965	-.1860						

MACH (6) = 1.247 BETAT (6) = 4.130

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.4290	-.3900	-.0060	.4270	.4050	.4420	.1870
.050				.3260	.3970	.4500	.5360
.081			.3110				
.086		.0300					
.094	-.0940						

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A

AMES 11-707 IA9 O2A + 33 + T5 LOWER WING (RBML11)

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (4) = 1.247 BETAT (6) = 4.130

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.150				.2750	.3290	.4030	.4040
.177			.2090				
.229	-.0710						
.246		.1900					
.250				.1790	.2250	.3900	.3[illegible]0
.362	.1520						
.400				.2270	.2690		.2940
.402			.1230				
.497	.0560						
.550				.1030	.0140		
.565			.0690				
.600							.0470
.650						.0130	
.700	.0780				-.0960		
.725				-.1250			
.750						-.0900	-.1270
.760			-.2420				
.775				-.2160	-.1600		
.800			-.2600				
.834	-.2400						
.850				-.3270	-.2600	-.2440	
.857			-.3580				
.865	-.2150						
.900	-.1560			-.3880			-.1870
.905			-.2910				
.950				-.4310	-.3770	-.3330	
.953			-.2330				
.965	-.1800						

MACH (4) = 1.246 BETAT (7) = 6.180

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.4530	-.3890	-.0680	.3490	.3720	.3750	.1460
.050				.3420	.3770	.3670	.4080
.081			.3200				
.086		.0590					
.094	-.1320						
.150				.2720	.3050	.3420	.3680
.177			.2450				
.229	-.0770						
.246		.1750					
.250				.1640	.1890	.3470	.3230
.362	.1290						
.400				.1960	.2300		.2660
.402			.1000				
.497	.0970						

[illegible] 77 INTERPOLATED PRESSURE DATA - IA9A

AMES 11-7X7 IA9 C2A + S3 + T9 LOWER WING (RBML11)

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (4) = 1.246 BETAT (7) = 6.180

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.550				.0750	-.0270		
.565			.0380				
.600							.0140
.650						-.0150	
.700	-.0680				-.1260		
.725				-.1410			
.750						-.1220	-.1530
.760			-.2680				
.775				-.2340	-.2010		
.808			-.2800				
.834	-.2040						
.850				-.3450	-.2770	-.2670	
.857			-.3040				
.865	-.1960						
.900	-.1640			-.3960			-.2070
.905			-.2830				
.950				-.4030	-.3940	-.3540	
.953			-.2630				
.965	-.1620						

MACH (4) = 1.247 BETAT (8) = 8.250

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.4730	-.3750	-.0980	.2480	.2740	.3240	.1020
.050				.2910	.3250	.3170	.4310
.081			.3050				
.086		.0270					
.094	-.1590						
.150				.2460	.2600	.2640	.3240
.177			.2440				
.229	.0590						
.246		.1470					
.250				.1350	.1290	.2880	.2900
.262	.0770						
.450				.1230	.1890		.2470
.492			.0300				
.497	.1580						
.550				.0410	-.0440		
.565			-.1630				
.694							-.0760
.650						-.0480	
.700	-.0460				-.1530		
.725				-.1810			
.750						-.1510	-.1850
.760			-.2850				
.775				-.2710	-.2270		

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A (RBML11)

AMES 11-707 IA9 C2A + S3 + T9 LOWER WING

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (4) = 1.247 BETAT (8) = 8.250

Y/BW	.299	.364	.427	.534	.673	.760	.867
X/CW							
.808			-.2400				
.834	-.1750						
.850				-.3510	-.2990	-.2870	
.857			-.2520				
.865	-.1750						
.900	-.1650			-.3570			-.2300
.905			-.2580				
.950				-.3550	-.4080	-.3700	
.953			-.2150				
.965	-.1530						

TE 21 SEP 73 TABULATED PRESSURE DATA - IA9A

AMES 11-707 IA9 O2A + S3 + T9 LOWER WING (RBML12) (27 APR 73)

REFERENCE DATA

SREF - 2.4210 SQ.FT. XMRP = 28.5300 INCHES
LREF - 39.8490 INCHES YMRP = .0000 INCHES
BREF - 39.8490 INCHES ZMRP = .0000 INCHES
SCALF - .0300 SCALE

PARAMETRIC DATA

ALPHAT = -8.000 ORBINC = .500
RUDDER = -5.000 ELEVON = .000
RUDFLR = .000

SECTION (1)LOWER WING

DEPENDENT VARIABLE CP

MACH (1) = 1.101 BETAT (1) = -8.170

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.0930	-.2460	.4900	.6810	.6240	.5840	.5400
.050				-.1070	-.2470	-.6740	-.5170
.081			.1560				
.086		-.0610					
.094	-.1610						
.150				.1360	-.1100	-.1610	-.4160
.177			.1560				
.229	-.1140						
.246		.2360					
.250				.0250	-.0750	-.0410	-.3060
.362	.2920						
.400				.0160	-.0160		.0040
.402			.0140				
.497	.2910						
.550				-.1110	-.2170		
.565			-.1080				
.600							-.1680
.650						-.2800	
.700	-.1040				-.3440		
.725				-.3250			
.750						-.3990	-.3770
.760			-.3910				
.775				-.3780	-.4230		
.808			-.3990				
.834	-.3570						
.850				-.4920	-.4650	-.4950	
.857			-.5620				
.865	-.5720						
.900	-.5470			-.5620			-.3480
.905			-.2960				
.950				-.3060	-.4870	-.2910	
.953			-.2590				
.965	-.2320						

MACH (1) = 1.100 BETAT (2) = -4.070

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.1730	-.3000	.4140	.5890	.5280	.4680	.4210
.050				-.1900	-.3820	-.6880	-.6080
.081			.1200				
.086		-.1130					
.094	-.2190						

DATE 25 SEP 73 TABULATED PRESSURE DATA - IA9A (RBNL12)

AMES 11-707 IA9 C2A + S3 + T9 LOWER WING

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (1) = 1.100 BETAT (2) = -4.070

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.150				.0270	-.1760	-.2430	-.5450
.177			.0990				
.229	-.1310						
.246		.1690					
.250				-.0390	-.1250	-.1520	-.4550
.362	.2440						
.400				-.0630	-.0960		-.0320
.402			-.0670				
.497	.2090						
.550				-.1620	-.2620		
.565			-.1640				
.600							-.2160
.650						-.3120	
.700	-.2040				-.4040		
.725				-.4140			
.750						-.4060	-.4090
.760			-.4420				
.775				-.4760	-.4820		
.808			-.4260				
.834	-.3610						
.850				-.5410	-.5500	-.5430	
.857			-.5530				
.865	-.9940						
.900	-.3910			-.2560			-.3660
.905			-.2460				
.950				-.2270	-.2660	-.4390	
.953			-.2470				
.965	-.1660						

MACH (1) = 1.097 BETAT (3) = .020

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.2690	-.3610	.3380	.4910	.4120	.3200	.2750
.050				-.2290	-.5070	-.7570	-.7050
.081			.1010				
.086		.0300					
.094	-.2110						
.150				-.0660	-.2390	-.4070	-.6480
.177			.0240				
.229	-.0110						
.246		.1460					
.250				-.1180	-.1730	-.2640	-.5750
.362	.1710						
.400				-.1720	-.1750		-.0570
.402			-.1570				
.497	.1010						

TE 27 SEP 73 TABULATED PRESSURE DATA - IA9A (RBML12)

AMES 11-707 IA9 02A + S3 + T9 LOWER WING

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (1) = 1.097 BETAT (3) = .020

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.550				-.2540	-.3500		
.565			-.2590				
.600							-.2650
.650						-.3600	
.700	-.3050				-.4340		
.725				-.4570			
.750						-.4390	-.4370
.760			-.4920				
.775				-.4880	-.5370		
.808			-.4800				
.834	-.4370						
.850				-.4420	-.5870	-.5880	
.857			-.6040				
.865	-.3480						
.900	-.3680			-.2280			-.4240
.905			-.2670				
.950				-.2280	-.2710	-.3760	
.953			-.2000				
.965	-.2010						

MACH (1) = 1.089 BETAT (4) = 4.160

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.3600	-.4020	.3010	.4060	.2960	.1890	.1290
.050				-.2510	-.6210	-.6270	-.7740
.081			.0930				
.086		.0370					
.094	-.2560						
.150				-.1780	-.3290	-.5030	-.7300
.177			-.0590				
.229	.0370						
.246		.1290					
.250				-.2060	-.2280	-.3630	-.6770
.362	.1390						
.400				-.2150	-.2160		-.1260
.402			-.2030				
.497	-.0790						
.550				-.2790	-.3620		
.565			-.2650				
.600							-.2950
.650						-.3690	
.700	-.2470				-.4660		
.725				-.4210			
.750						-.4620	-.4460
.760			-.5140				
.775				-.5050	-.5180		

DATE 01 SEP 73 TABULATED PRESSURE DATA - IA9A

AMES 11-7D7 IA9 CBA + S3 + T9 LOWER WING (RBML12)

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (1) = 1.099 BETAT (4) = 4.160

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.808			-.4860				
.834	-.3720						
.850				-.5180	-.5540	-.5680	
.857			-.4410				
.865	-.3120						
.900	-.2960			-.3140			-.4440
.905			-.3920				
.950				-.2860	-.2900	-.4230	
.953			-.2090				
.965	-.2220						

MACH (1) = 1.105 BETAT (5) = 8.300

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.4730	-.3940	.2840	.3600	.2110	.0640	-.0190
.050				-.1700	-.5670	-.8290	-.7190
.081			.0910				
.086		.0320					
.094	-.2980						
.150				-.1090	.0030	-.4390	-.7630
.177			.0060				
.229	-.0370						
.246		.0910					
.250				-.1560	-.2470	-.4640	-.7280
.362	.0700						
.400				-.2090	-.2280		-.0370
.402			-.2060				
.497	.0410						
.550				-.2830	-.3520		
.565			-.2810				
.600							-.3160
.650						-.3820	
.700	-.2490				-.4710		
.725				-.4520			
.750						-.4610	-.4540
.760			-.4810				
.775				-.5100	-.5270		
.808			-.3690				
.834	-.3000						
.850				-.5390	-.5840	-.5750	
.857			-.3640				
.865	-.2990						
.900	-.2880			-.4780			-.4610
.905			-.3370				
.950				-.2260	-.2960	-.3150	
.953			-.3230				

AMES 11-707 IA9 C2A + S3 + T9 LOWER WING (RBML12)

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (1) = 1.105 BETAT (5) = 8.300

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.965	-.2780						

MACH (2) = 1.250 BETAT (1) = -0.120

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.0020	-.0760	.2840	.6680	.6340	.6010	.6020
.050				-.3770	-.4120	-.3040	-.2680
.081			.1480				
.086		-.0810					
.094	-.0520						
.150				.1020	-.2170	-.2630	-.2460
.177			.0240				
.229	-.0520						
.246		.0250					
.250				.1230	.1610	-.1630	-.2160
.362	-.0340						
.400				.1200	.0960		-.1420
.402			.1080				
.497	.3130						
.550				.0070	-.0960		
.565			.0170				
.600							-.1700
.650						-.1220	
.700	.0070				-.2220		
.725				-.2020			
.750						-.2240	-.2560
.760			-.2570				
.775				-.2710	-.2960		
.808			-.2380				
.834	-.1740						
.850				-.3390	-.3540	-.3480	
.857			-.3660				
.865	-.3700						
.900	-.4740			-.3750			-.2510
.905			-.4900				
.950				-.4520	-.4340	-.4230	
.953			-.4980				
.965	-.4100						

MACH (2) = 1.251 BETAT (2) = -4.050

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.0780	-.1550	.1420	.5420	.5210	.4910	.4920
.050				-.4770	-.4220	-.3780	-.3750
.081			-.1150				
.086		-.1530					
.094	-.1270						

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A

AMES 11-707 IA9 C2A + S3 + T9 LOWER WING (RBML12)

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (2) = 1.251 BETAT (2) = -4.050

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.150				-.0690	-.3330	-.2150	-.3710
.177			.0270				
.229	-.1500						
.246		-.0870					
.250				.0730	.0450	-.1850	-.3210
.362	-.0890						
.400				.0250	.0310		-.1570
.402			.0250				
.497	.2240						
.550				-.0690	-.1600		
.565			-.0510				
.600							-.1570
.650						-.1940	
.700	-.0720				-.2640		
.725				-.2610			
.750						-.2680	-.2840
.760			-.3170				
.775				-.3250	-.3370		
.808			-.2680				
.834	-.2280						
.850				-.4050	-.3910	-.3770	
.857			-.3680				
.865	-.4120						
.900	-.5080			-.4200			-.2770
.905			-.5140				
.950				-.4800	-.4730	-.4570	
.953			-.4130				
.985	-.3680						

MACH (2) = 1.246 BETAT (3) = .020

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.1570	-.1920	.0150	.4160	.4290	.3790	.3710
.050				-.4050	-.4020	-.4730	-.4590
.081			-.0440				
.086		-.1880					
.094	-.2680						
.150				.0280	-.3340	-.2680	-.4560
.177			-.0100				
.229	-.1850						
.246		-.0620					
.250				-.0160	-.0170	-.2700	-.4000
.362	-.0650						
.400				-.0630	-.0590		-.1750
.402			-.0660				
.497	.1440						

AMES 11-7X7 IA9 O2A + S3 + T9 LOWER WING (RBML12)

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (2) = 1.246 BETAT (3) = .020

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.550				-.1660	-.2230		
.565			-.1610				-.1690
.600						-.2480	
.650					-.3420		
.700	-.1730			-.3280			
.725						-.3390	-.3350
.750							
.760			-.3780				
.775				-.3910	-.3990		
.806			-.3820				
.834	-.2780						
.850				-.4670	-.4480	-.4440	
.857			-.4410				
.865	-.4540						
.900	-.3870			-.4730			-.3440
.905			-.5550				
.950				-.5250	-.5250	-.5160	
.953			-.3770				
.965	-.3830						

MACH (2) = 1.245 BETAT (4) = 4.130

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.2570	-.2380	-.0110	.3950	.3480	.2690	.2490
.050				-.3200	-.4630	-.5920	-.5770
.081			-.0130				
.106		-.2340					
.094	-.1690						
.150				-.1060	-.2620	-.3815	-.5670
.177			.0270				
.229	-.1990						
.246		.0730					
.250				-.1640	-.2060	-.3020	-.5010
.362	.0470						
.400				-.1400	-.1500		-.1690
.402			-.1260				
.497	-.0120						
.550				-.2360	-.2640		
.565			-.2000				
.600							-.1870
.650						-.2770	
.700	-.2040				-.3840		
.725				-.3480			
.750						-.3630	-.3430
.760			-.3670				
.775				-.4030	-.4290		

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A

AMES 11-707 IA9 O2A + S3 + T9 LOWER WING (RBML12)

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (2) = 1.245 BETAT (4) = 4.130

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.808			-.3740				
.834	-.3090						
.850				-.4730	-.4650	-.4440	
.857			-.4840				
.865	-.2910						
.900	-.2510			-.5160			-.3510
.905			-.4140				
.950				-.2420	-.4690	-.5090	
.953			-.2750				
.965	-.2150						

MACH (2) = 1.247 BETAT (5) = 8.290

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.3670	-.2700	.1480	.4010	.2790	.1770	.1370
.050				-.2480	-.5180	-.6060	-.5590
.081			.1100				
.086		-.2110					
.094	-.2260						
.150				-.1230	-.1080	-.3760	-.5600
.177			.0040				
.229	-.2250						
.246		.1520					
.250				-.1330	-.1890	-.3750	-.5230
.362	.0050						
.400				-.1440	-.1630		-.0060
.402			-.1590				
.497	.0030						
.550				-.2260	-.2650		
.565			-.2240				
.600							-.2520
.650						-.3210	
.700	-.2220				-.4010		
.725				-.3700			
.750						-.3980	-.3790
.760			-.4270				
.775				-.4310	-.4580		
.808			-.4120				
.834	-.2660						
.850				-.5130	-.4890	-.4890	
.857			-.3930				
.865	-.2870						
.900	-.2650			-.5520			-.4060
.905			-.3590				
.950				-.3440	-.5530	-.5450	
.953			-.3160				

SEP 73 TABULATED PRESSURE DATA - IA9A

AMES 11-707 IA9 02A + S3 : T9 LOWER WING (RBML12)

SECTION (11)LOWER WING DEPENDENT VARIABLE CP

MACH (2) = 1.247 BETAT (5) = 0.250

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.965	-.2360						

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A (RBML13) (27 APR 73)

AMES 11-7O7 IA9 OEA + S3 + T9 LOWER WING

REFERENCE DATA

SREF =	2.4210 SQ.FT.	XMRP =	28.5300 INCHES		
LREF =	39.8490 INCHES	YMRP =	.0000 INCHES		
BREF =	39.8490 INCHES	ZMRP =	.0000 INCHES		
SCALE =	.0300 SCALE				

PARAMETRIC DATA

ALPHAT =	-6.000	ORBINC =	.500
RUDDER =	-5.000	ELEVON =	.000
RUDFLR =	.000		

SECTION (1)LOWER WING

DEPENDENT VARIABLE CP

MACH (1) = 1.102 BETAT (1) = -8.180

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.1060	-.1940	.5240	.7220	.6670	.6370	.6120
.050				-.0570	-.2280	-.5790	-.4060
.061			.2070				
.086		-.0490					
.094	-.1780						
.150				.1660	.0410	-.1590	-.2700
.177			.1970				
.229	-.0830						
.246		.2590					
.250				.0540	-.0120	.0130	-.1150
.362	.3100						
.400				.0550	.0240		.0680
.402			.0400				
.497	.3090						
.550				-.0790	-.2100		
.565			-.0880				
.600							-.1900
.650						-.2450	
.700	-.0820				-.3240		
.725				-.2710			
.750						-.3460	-.3780
.760			-.3750				
.775				-.3510	-.3810		
.808			-.3900				
.834	-.3420						
.850				-.4830	-.4330	-.4790	
.857			-.5440				
.865	-.5630						
.900	-.5290			-.5560			-.3530
.905			-.3120				
.950				-.3160	-.5190	-.3340	
.953			-.2530				
.965	-.2310						

MACH (1) = 1.098 BETAT (2) = -4.080

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.1860	-.2130	.4510	.6410	.5730	.5410	.5220
.050				-.0860	-.2930	-.6230	-.4880
.061			.1680				
.086		-.0500					
.094	-.2070						

20 SEP 73 TABULATED PRESSURE DATA - IA9A

AMES 11-707 IA9 C2A + S3 + T9 LOWER WING (RBML13)

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (1) = 1.098 BETAT (2) = -4.080

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.150				.0670	-.0090	-.2050	-.3760
.177			.1290				
.229	-.1350						
.246		.2110					
.250				-.0070	-.0920	-.0780	-.2010
.362	.2560						
.400				-.0310	-.0420		.0660
.402			-.0470				
.497	.2200						
.550				-.1500	-.2470		
.565			-.1580				
.600							-.2290
.650						-.2690	
.700	-.1890				-.3780		
.725				-.3720			
.750						-.3870	-.4100
.760			-.4210				
.775				-.4140	-.4580		
.808			-.4230				
.834	-.3820						
.850				-.5110	-.5203	-.5290	
.857			-.4610				
.865	-.3970						
.900	-.3450			-.3090			-.3980
.905			-.2230				
.950				-.2130	-.3930	-.4690	
.953			-.2180				
.965	-.1850						

MACH (1) = 1.101 BETAT (3) = .020

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.2790	-.2560	.3920	.5530	.4660	.4220	.4170
.050				-.1380	-.3300	-.6560	-.5770
.081			.1450				
.086		.0520					
.094	-.2140						
.150				-.0120	-.0400	-.2460	-.4550
.177			.0640				
.229	.0480						
.246		.1710					
.250				-.0850	-.1570	-.1710	-.3720
.362	.1910						
.400				-.1460	-.1400		.0210
.402			-.1460				
.497	.1210						

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A (RBML13)

AMES 11-707 IA9 O2A + S3 + T9 LOWER WING

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (1) = 1.101 BETAT (3) = .020

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.550				-.2130	-.3210		
.565			-.2440				-.2640
.600						-.3210	
.650					-.4220		
.700	-.2800			-.4100			
.725						-.4150	-.4300
.750			-.4710				
.760				-.4440	-.4960		
.775			-.4560				
.808							
.834	-.4270			-.5550	-.5420	-.5500	
.850			-.5940				
.857							
.865	-.3820			-.2090			-.3880
.900	-.3480		-.2510				
.905				-.1930	-.2710	-.4150	
.950			-.1930				
.953							
.965	-.1910						

MACH (1) = 1.097 BETAT (4) = 4.140

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.3950	-.2780	.3120	.4690	.3790	.2970	.3030
.050				-.1810	-.5060	-.7250	-.6480
.081			.1080				
.086		.0680					
.094	-.2550			-.1190	-.0740	-.3380	-.5310
.150			-.0320				
.177							
.229	.0520						
.246		.1280		-.1420	-.1820	-.2310	-.5020
.250							
.362	.1460			-.1700	-.1650		.0740
.400			-.1860				
.402							
.497	-.0610			-.2360	-.3190		
.550			-.2330				
.565							-.2570
.600						-.3310	
.650					-.3990		
.700	-.2180			-.3850			
.725						-.4110	-.4330
.750			-.5020				
.760				-.4780	-.4630		
.775							

TABULATED PRESSURE DATA - IA9A

AMES 11-7U7 IA9 C2A + S3 + T9 LOWER WING (RBML13)

SECTION (1)LOWER WING

DEPENDENT VARIABLE CP

MACH (1) = 1.097 BETAT (4) = 4.140

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.808			-.4650				
.834	-.3340						
.850				-.5890	-.5270	-.5290	
.857			-.3890				
.865	-.2980						
.900	-.2770			-.3190			-.4160
.905			-.3630				
.950				-.2390	-.3400	-.5890	
.953			-.1730				
.965	-.2200						

MACH (1) = 1.102 BETAT (5) = 8.290

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.5450	-.2150	.3180	.4320	.3000	.1990	.1870
.050				-.1190	-.3730	-.7590	-.5830
.081			.1300				
.086		.0590					
.094	-.2790						
.150				-.0610	-.0310	-.3220	-.6080
.177			.0370				
.229	-.0220						
.246		.1110					
.250				-.1240	-.2140	-.2420	-.4330
.362	.0770						
.400				-.1690	-.1730		.0300
.402			-.1880				
.497	.0540						
.550				-.2510	-.3180		
.565			-.2660				
.600							-.2920
.650						-.3500	
.700	-.2380				-.4300		
.725				-.4150			
.750						-.4250	-.4310
.760			-.4520				
.775				-.4840	-.4860		
.800			-.3460				
.834	-.2730						
.850				-.5080	-.5450	-.5380	
.857			-.3390				
[illegible]	-.2840						
[illegible]	-.2730			-.4510			-.4290
.905			-.3230				
.950				-.2320	-.2770	-.4620	
.953			-.2370				

DATE 2ND SEP 73 TABULATED PRESSURE DATA - IA9A (RBML13)

AMES 11-707 IA9 02A + S3 + T9 LOWER WING

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (1) = 1.102 BETAT (5) = 8.290

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.965	-.2630						

MACH (2) = 1.245 BETAT (1) = -8.130

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.0010	-.0180	.3140	.6990	.6940	.6930	.6710
.050				-.2780	-.0850	-.3980	-.3140
.081			.1830				
.086		-.0670					
.094	-.0490						
.150				.2680	.0320	-.0420	-.1930
.177			.2050				
.229	-.0490						
.246		.0020					
.250				.1700	.0520	.0790	-.0520
.362	-.0520						
.400				.1350	.1130		.1830
.402			.1440				
.497	.3570						
.550				.0240	-.0550		
.565			.0900				
.600							-.0770
.650						-.1230	
.700	.0330				-.1920		
.725				-.1800			
.750						-.2160	-.2450
.760			-.2080				
.775				-.2300	-.2730		
.806			-.2250				
.834	-.1740						
.850				-.3150	-.3350	-.3420	
.857			-.3570				
.865	-.3690						
.900	-.4760			-.3620			-.2530
.905			-.4940				
.950				-.4470	-.4020	-.4010	
.953			-.4930				
.965	-.4050						

MACH (2) = 1.251 BETAT (2) = -4.060

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.0750	-.1140	.1880	.6080	.5880	.5810	.5770
.050				-.3470	-.2160	-.4430	-.3850
.081			-.0430				
.086		-.1420					
.094	-.1190						

TE 20 SEP 73 TABULATED PRESSURE DATA - IA9A

AMES 11-707 IA9 O2A + S3 + T9 LOWER WING (RBML13)

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (2) = 1.251 BETAT (2) = -4.060

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.150				.1460	.1100	-.1110	-.2630
.177			.1520				
.229	-.1420						
.246		-.0780					
.250				.0850	.0060	-.0110	-.1740
.362	-.0950						
.400				.0400	.0490		.1240
.402			.0450				
.497	.2660						
.550				-.0260	-.1030		
.565			-.0320				
.600							-.1190
.650						-.1500	
.700	-.0430				-.2580		
.725				-.2520			
.750						-.2480	-.2670
.760			-.2770				
.775				-.3050	-.3130		
.808			-.2570				
.834	-.2100						
.850				-.3720	-.3720	-.3690	
.857			-.3060				
.865	-.3850						
.900	-.4940			-.3970			-.2780
.905			-.5190				
.950				-.4710	-.4520	-.4400	
.953			-.4160				
.965	-.3430						

MACH (2) = 1.246 BETAT (3) = .020

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.1740	-.1[illegible]	.0890	.5270	.4910	.4630	.4760
.050				-.2920	-.3040	-.4760	-.4310
.081			.1450				
.086		-.1680					
.094	-.1630						
.150				.0480	-.0810	-.1690	-.3610
.177			.1020				
.229	-.1660						
.246		.0800					
.250				-.0100	-.0530	-.0960	-.2620
.362	.0030						
.400				-.0390	-.0280		.0650
.402			-.0340				
.497	.1740						

DATE 20 SEP 75 TABULATED PRESSURE DATA - IA9A (RBML13)

AMES 11-707 IA9 C2A + S3 + T9 LOWER WING

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (2) = 1.246 BETAT (3) = .020

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.550				-.1360	-.1670		
.565			-.1290				-.1770
.600						-.2280	
.650					-.3080		
.700	-.1430			-.3000			
.725						-.3130	-.3270
.750							
.760			-.3370				
.775				-.3660	-.3660		
.808			-.3160				
.834	-.2650						
.850				-.4330	-.4200	-.4220	
.857			-.4320				
.865	-.4370						-.3420
.900	-.3720			-.4500			
.905			-.5550				
.950				-.5110	-.5050	-.4690	
.953			-.3620				
.965	-.3580						

MACH (2) = 1.245 BETAT (4) = 4.120

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.2920	-.1880	.1520	.4580	.3890	.3480	.3060
.050				-.2130	-.4100	-.5590	-.4990
.081			.0620				
.086		-.2080					
.094	-.1980						
.150				-.0870	-.0880	-.2410	-.4230
.177			.0400				
.229	-.2090						
.246		.1140					
.250				-.1330	-.1550	-.1930	-.3250
.362	.0740						
.400				-.0870	-.0880		.0540
.402			-.0810				
.497	-.0060						
.550				-.1940	-.2380		
.565			-.1840				
.600							-.1790
.650						-.2400	
.700	-.1980				-.3140		
.725				-.3290			
.750						-.3170	-.3310
.760			-.3650				
.775				-.3830	-.3760		

AMES 11-707 IA9 C2A + S3 + T9 LOWER WING (RBNL13)

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (2) = 1.245 BETAT (4) = 4.120

Y/BW	.299	.364	.427	.534	.673	.760	.887
X/CW							
.608			-.3640				
.634	-.3190						
.650				-.4490	-.4200	-.4070	
.657			-.4790				
.665	-.3000						
.900	-.2490			-.4810			-.3420
.905			-.4390				
.950				-.2550	-.4970	-.4660	
.953			-.2570				
.965	-.2050						

MACH (2) = 1.247 BETAT (5) = 8.230

Y/BW	.299	.364	.427	.534	.673	.760	.887
X/CW							
.000	-.4200	-.2800	.2650	.4330	.3240	.2490	.2510
.050				-.1940	-.4120	-.5080	-.4650
.081			.1170				
.086		-.1490					
.094	-.2360						
.150				-.0820	.0050	-.2730	-.4770
.177			.0140				
.229	-.2430						
.246		.1430					
.250				-.1120	-.1510	-.2080	-.3680
.362	.0250						
.400				-.1190	-.1190		.0300
.402			-.1370				
.497	-.0400						
.550				-.2040	-.2400		
.565			-.2130				
.600							-.2400
.650						-.2940	
.700	-.2140				-.3680		
.725				-.3590			
.750						-.3630	-.3650
.760			-.4240				
.775				-.4090	-.4290		
.608			-.4160				
.634	-.2860						
.650				-.4930	-.4520	-.4550	
.657			-.4260				
.665	-.2990						
.900	-.2670			-.5370			-.3770
.905			-.3690				
.950				-.3720	-.5260	-.5160	
.953			-.2640				

DATE 24: SEP 73 TABULATED PRESSURE DATA - I49A

AMES 11-7U7 IA9 C2A + S3 + T9 LOWER WING (RBNL13)

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (2) = 1.247 BETAT (5) = 8.230

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.965	-.2210						

AMES 11-707 IA9 O2A + S3 + T9 LOWER WING (RBML14) (27 APR 73)

REFERENCE DATA

SREF =	2.4210 SQ.FT.	XMRP =	28.5300 INCHES		
LREF =	39.8490 INCHES	YMRP =	.0000 INCHES		
BREF =	39.8490 INCHES	ZMRP =	.0000 INCHES		
SCALE =	.0300 SCALE				

PARAMETRIC DATA

ALPHAT =	-4.000	ORBINC =	.500
RUDDER =	-5.000	ELEVON =	.000
RUDFLR =	.000		

SECTION (1)LOWER WING

DEPENDENT VARIABLE CP

MACH (1) = 1.098 BETAT (1) = -8.190

Y/BW	.299	.364	.427	.534	.675	.780	.887
X/CW							
.000	-.1190	-.1000	.5510	.7000	.7120	.6930	.6500
.050				.1030	-.0510	-.2090	-.2220
.081			.2970				
.086		-.0250					
.094	-.1450						
.150				.2210	.1380	-.0290	.0510
.177			.2580				
.229	-.0880						
.246		.2990					
.250				.1130	.1080	.1130	.0880
.362	.3270						
.400				.1300	.0880		.0800
.402			.0890				
.497	.3280						
.550				-.0170	-.1490		
.565			-.0040				
.600							-.1700
.650						-.1880	
.700	.0190				-.2530		
.725				-.2230			
.750						-.2890	-.3420
.760			-.3600				
.775				-.3400	-.3420		
.800			-.3700				
.834	-.3220						
.850				-.4760	-.4220	-.4410	
.857			-.5260				
.865	-.5480						
.900	-.5240			-.5490			-.3340
.905			-.4080				
.950				-.4200	-.5510	-.5210	
.953			-.2480				
.965	-.2190						

MACH (1) = 1.101 BETAT (2) = -4.080

Y/BW	.299	.364	.427	.534	.675	.780	.887
X/CW							
.000	-.1920	-.1500	.4790	.6800	.6200	.5990	.5470
.050				.0070	-.1470	-.3810	-.3480
.081			.2360				
.086		.0120					
.094	-.1670						

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A

AMES 11-7ft IA9 02A + S3 + T9 LOWER WING (RBNL14)

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (1) = 1.101 BETAT (2) = -4.060

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.150				.1480	.0810	-.1170	-.0840
.177			.1740				
.229	-.1360						
.246		.2470					
.250				.0240	-.0210	.0160	.0130
.362	.2750						
.400				.0120	.0040		.0410
.402			-.0090				
.497	.2410						
.550				-.1040	-.2140		
.565			-.1210				
.600							-.2250
.650						-.2650	
.700	-.1440				-.3480		
.725				-.3160			
.750						-.3670	-.4040
.760			-.3870				
.775				-.3640	-.4170		
.808			-.4010				
.834	-.3740						
.850				-.4980	-.4770	-.5040	
.857			-.5320				
.865	-.5830						
.900	-.2790			-.3750			-.4050
.905			-.1970				
.950				-.2030	-.4570	-.5590	
.953			-.1840				
.965	-.1640						

MACH (1) = 1.099 BETAT (3) = .020

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.2930	-.1790	.4030	.5680	.5070	.4870	.4520
.050				-.0620	-.2550	-.5060	-.4200
.081			.1830				
.086		.0730					
.094	-.1880						
.150				.0510	.0040	-.1860	-.2410
.177			.0980				
.229	.0550						
.246		.1860					
.250				-.0500	-.1190	-.0800	-.1040
.362	.1950						
.400				-.1140	-.0960		.0020
.402			-.1300				
.497	.1310						

AMES 11-707 IA9 OEA + S3 + T9 LOWER WING (RBML14)

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (1) = 1.099 BETAT (3) = .020

Y/BW	.299	.364	.427	.534	.675	.780	.887
X/CW							
.550				-.1780	-.2760		
.565			-.2070				-.2530
.600						-.2820	
.650					-.3770		
.700	-.2460			-.3520			
.725						-.3670	-.4100
.750							
.760			-.4490				
.775				-.4110	-.4530		
.808			-.4470				
.834	-.4290						
.850				-.5250	-.4780	-.5280	
.857			-.5130				
.865	-.4210						
.900	-.3220			-.2280			-.3080
.905			-.2280				
.950				-.1910	-.3690	-.5470	
.953			-.2000				
.965	-.1880						

MACH (1) = 1.105 BETAT (4) = 4.130

Y/BW	.299	.364	.427	.534	.675	.780	.887
X/CW							
.000	-.4380	-.2040	.3260	.5130	.4300	.3990	.3520
.050				-.1120	-.3500	-.6050	-.4330
.061			.1560				
.086		.0880					
.094	-.2290						
.150				-.0670	.0000	-.1940	-.3400
.177			.0140				
.229	.0650						
.246		.1560					
.250				-.0780	-.1370	-.1440	-.1750
.362	.1590						
.400				-.1340	-.1130		.0340
.402			-.1610				
.497	-.0390						
.550				-.1790	-.2960		
.565			-.1730				
.600							-.2430
.650						-.2880	
.700	-.1680				-.3570		
.725				-.3500			
.750						-.3760	-.4130
.760			-.4730				
.775				-.4410	-.4230		

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A

AMES 11-7D7 IA9 O2A + S3 + T9 LOWER WING (RBML14)

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (1) = 1.105 BETAT (4) = 4.130

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.808			-.4620				
.834	-.3370						
.850				-.5560	-.4790	-.4980	
.857			-.4070				
.865	-.2870						
.900	-.2660			-.3910			-.3620
.905			-.3760				
.950				-.2260	-.4410	-.5680	
.953			-.2030				
.965	-.2020						

MACH (1) = 1.099 BETAT (5) = 8.260

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.5950	-.1260	.5200	.4790	.3700	.3080	.2500
.050				-.0560	-.1930	-.6160	-.4390
.081			.1730				
.086		.0740					
.094	-.2790						
.150				-.0060	-.0280	-.2540	-.3510
.177			.0720				
.229	-.0050						
.246		.1340					
.250				-.0890	-.1630	-.1370	-.1320
.362	.1010						
.400				-.1190	-.1140		.0210
.402			-.1530				
.497	.0660						
.550				-.2100	-.2720		
.565			-.2400				
.600							-.2560
.650						-.3100	
.700	-.2220				-.3940		
.725				-.3960			
.750						-.3680	-.4150
.760			-.4470				
.775				-.4640	-.4510		
.808			-.3220				
.834	-.2660						
.850				-.4690	-.5090	-.4980	
.857			-.3240				
.865	-.2660						
.900	-.2440			-.4320			-.3960
.905			-.3090				
.950				-.2391	-.2720	-.5080	
.953			-.2640				

AMES 11-707 IA9 C2A + S3 + T9 LOWER WING (RBHL14)

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (1) = 1.099 BETAT (1) = 8.260

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.965	-.2330						

MACH (2) = 1.246 BETAT (1) = -8.140

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	.0000	.0000	.3600	.7700	.7360	.7350	.6950
.050				.0410	-.0200	-.2100	-.1690
.081			.2240				
.086		-.0720					
.094	-.0480						
.150				.2210	.2240	.0050	.0410
.177			.2960				
.229	-.0620						
.246		.1240					
.250				.1930	.1280	.1440	.1430
.362	-.0370						
.400				.1060	.1530		.1650
.402			.1690				
.497	.3670						
.550				.0520	-.0350		
.565			.0550				
.600							-.0650
.650						-.0960	
.700	.0550				-.1690		
.725				-.1500			
.750						-.1990	-.2540
.760			-.1650				
.775				-.1950	-.2490		
.808			-.2160				
.834	-.1700						
.850				-.2660	-.3050	-.3250	
.857			-.3470				
.865	-.3670						
.900	-.4730			-.3530			-.2560
.905			-.4750				
.950				-.4360	-.3790	-.4010	
.953			-.4780				
.965	-.4220						

MACH (2) = 1.244 BETAT (2) = -4.060

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.0620	-.0620	.2660	.6650	.6360	.6350	.6000
.050				-.0970	-.1410	-.3210	-.2290
.081			.2500				
.086		-.1390					
.094	-.1140						

DATE 20 SEP 79 TABULATED PRESSURE DATA - IA9A

AMES 11-707 IA9 CBA + S3 + T9 LOWER WING (RBML14)

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (2) = 1.244 BETAT (2) = -4.060

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.150				.1710	.1510	-.0450	-.0970
.177			.2170				
.229	-.1350						
.246		.0250					
.250				.1050	.0500	.0560	.0430
.362	-.0640						
.400				.0760	.0740		.1200
.402			.0690				
.497	.2860						
.550				-.0050	-.0810		
.565			-.0090				
.600							-.0990
.650						-.1300	
.700	-.0360				-.2060		
.725				-.2040			
.750						-.2280	-.2620
.760			-.2420				
.775				-.2750	-.2660		
.808			-.2550				
.834	-.2100						
.850				-.3310	-.3520	-.3570	
.857			-.3790				
.865	-.3980						
.900	-.5010			-.3800			-.2810
.905			-.5010				
.950				-.4560	-.4350	-.4360	
.953			-.4610				
.965	-.3200						

MACH (2) = 1.247 BETAT (3) = .020

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.1930	-.1190	.2060	.5870	.5430	.5350	.5060
.050				-.0690	-.1800	-.3810	-.2730
.081			.1650				
.086		-.1300					
.094	-.1570						
.150				.0950	.1060	-.0790	-.1670
.177			.1790				
.229	-.1720						
.246		.1660					
.250				.0390	-.0080	-.0060	-.0190
.362	.0690						
.400				-.0080	.0100		.0920
.402			-.0150				
.497	.1930						

TE 20 SEP 73 TABULATED PRESSURE DATA - IA9A

AMES 11-707 IA9 OEA + S3 + T9 LOWER WING (RBML14)

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (2) = 1.247 BETAT (3) = .020

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.550				-.1010	-.1580		
.565			-.0900				
.600						-.1490	
.650					-.1940		
.700	-.1210			-.2640			
.725				-.2710			
.750						-.2850	-.3080
.760			-.3070				
.775				-.3290	-.3260		
.808			-.2990				
.834	-.2540						
.850				-.3950	-.3900	-.3910	
.857			-.4220				
.865	-.4350						
.900	-.3870			-.4220			-.3310
.905			-.5400				
.950				-.4900	-.4820	-.4630	
.953			-.3290				
.965	-.3270						

MACH (2) = 1.245 BETAT (4) = 4.110

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.3270	-.1570	.2220	.5170	.4400	.4280	.4390
.050				-.0650	-.2760	-.4520	-.3400
.081			.1500				
.086		-.1620					
.094	-.1990						
.150				-.0180	.0220	-.1710	-.2240
.177			.0560				
.229	-.2100						
.246		.1360					
.250				-.0620	-.1140	-.1060	-.0840
.362	.0980						
.400				-.0700	-.0550		.0570
.402			-.0620				
.497	.0110						
.500				-.1590	-.1990		
.565			-.1600				
.600							-.1560
.650						-.2000	
.700	-.1770				-.2570		
.725				-.2900			
.750						-.2790	-.3170
.760			-.3370				
.775				-.3230	-.3340		

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A

AMES 11-707 IA9 CBA + S3 + T9 LOWER WING (RBNL14)

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (2) = 1.245 BETAT (4) = 4.110

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.808			-.3380				
.834	-.3140						
.850				-.3970	-.3790	-.3880	
.857			-.4600				
.865	-.3300						
.900	-.2490			-.4320			-.3270
.905			-.4710				
.950				-.3040	-.4500	-.4630	
.953			-.2460				
.965	-.1790						

MACH (2) = 1.250 BETAT (5) = 8.210

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.4370	-.2640	.2900	.4560	.3570	.3210	.3070
.050				-.1010	-.2900	-.4710	-.3600
.081			.1250				
.086		-.0450					
.094	-.2490						
.150				-.0100	.0240	-.1610	-.3050
.177			.0640				
.229	-.1990						
.246		.1350					
.250				-.0690	-.1020	-.1160	-.1620
.362	.0550						
.400				-.0660	-.0810		.0250
.402			-.0650				
.497	.0060						
.550				-.1700	-.2180		
.565			-.1630				
.600							-.2130
.650						-.2630	
.700	-.2020				-.3380		
.725				-.3250			
.750						-.3320	-.3450
.760			-.4050				
.775				-.3620	-.3870		
.808			-.3950				
.834	-.2640						
.850				-.4780	-.4260	-.4310	
.857			-.4090				
.865	-.2840						
.900	-.2440			-.5160			-.3580
.905			-.3570				
.950				-.3970	-.5040	-.4950	
.953			-.2780				

TE 25 SEP 73 TABULATED PRESSURE DATA - IA9A

AMES 11-707 IA9 02A + S3 + T9 LOWER WING (RBML14)

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (2) = 1.250 BETAT (5) = 8.215

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.965	-.2010						

AMES 11-707 IA9 CBA + S3 + T9 LOWER WING (RBNL15) (27 APR 73)

REFERENCE DATA

SREF = 2.4210 SQ.FT. XMRP = 20.9300 INCHES
LREF = 39.6490 INCHES YMRP = .0000 INCHES
BREF = 39.6490 INCHES ZMRP = .0000 INCHES
SCALE = .0900 SCALE

PARAMETRIC DATA

ALPHAT = -2.000 ORBINC = .900
RUDDER = -5.000 ELEVON = .000
RUDFLR = .000

SECTION (1)LOWER WING

DEPENDENT VARIABLE CP

MACH (1) = 1.101 BETAT (1) = -8.200

Y/BW	.299	.364	.427	.534	.673	.790	.887
X/CW							
.000	-.1170	-.0620	.5460	.7670	.7080	.7200	.6660
.050				.2200	.1590	.0860	.0670
.081			.3670				
.086		-.0140					
.094	-.1120						
.150				.2650	.2450	.0870	.1560
.177			.3040				
.229	-.0590						
.246		.3370					
.250				.1740	.1990	.1930	.1650
.362	.3550						
.400				.2040	.1520		.1480
.402			.1210				
.497	.3610						
.550				.0560	-.1120		
.565			.0540				
.600							-.1420
.650						-.1580	
.700	.1130				-.2290		
.725				-.2040			
.750						-.2650	-.3150
.760			-.3460				
.775				-.3210	-.3150		
.800			-.3550				
.834	-.3090						
.850				-.4600	-.4020	-.4150	
.857			-.5090				
.865	-.5390						
.900	-.5360			-.5310			-.3170
.905			-.4710				
.950				-.4690	-.5370	-.5060	
.953			-.2430				
.965	-.2100						

MACH (1) = 1.101 BETAT (2) = -4.080

Y/BW	.299	.364	.427	.534	.673	.790	.887
X/CW							
.000	-.1860	-.1170	.4850	.6980	.6380	.6290	.5840
.050				.1190	.0310	-.0470	-.0920
.081			.2990				
.086		.0500					

AMES 11-707 IA9 CBA + S3 + T9 LOWER WING (RBNL15)

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (1) = 1.101 BETAT (2) = -4.000

Y/BW	.299	.364	.427	.534	.675	.780	.887
X/CW							
.150				.2040	.1620	-.0430	.0670
.177			.2180				
.229	-.1310						
.246		.2760					
.250				.0730	.0750	.1070	.0780
.362	.2940						
.400				.0600	.0640		.0800
.402			.0330				
.497	.2650						
.550				-.0810	-.1650		
.565			-.0840				
.600							-.2040
.650						-.2280	
.700	-.1080				-.3040		
.725				-.2340			
.750						-.3320	-.3620
.760			-.3790				
.775				-.3470	-.3510		
.808			-.3900				
.834	-.3550						
.850				-.4060	-.4290	-.4800	
.857			-.5360				
.865	-.5730						
.900	-.3130			-.4220			-.3640
.905			-.1780				
.950				-.2050	-.5670	-.5900	
.953			-.1750				
.965	-.1500						

MACH (1) = 1.103 BETAT (3) = .050

Y/BW	.299	.364	.427	.534	.675	.780	.887
X/CW							
.000	-.3190	-.1460	.4070	.6070	.5450	.5330	.5080
.050				.0280	-.0630	-.1770	-.2310
.081			.2370				
.086		.0940					
.094	-.2080						
.150				.1230	.0990	-.1310	-.0180
.177			.1350				
.229	.0690						
.246		.2090					
.250				-.0180	-.0410	.0010	.0160
.362	.2120						
.400				-.0630	-.0200		.0530
.402			-.0930				
.497	.1470						

DATE 20 SEP 79 TABULATED PRESSURE DATA - IA9A

AMES 11-7U7 IA9 OEA + S3 + T9 LOWER WING (RBML15)

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (1) = 1.103 BETAT (3) = .090

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.550				-.1410	-.2330		
.565			-.1670				-.2320
.600						-.2600	
.650					-.3480		
.700	-.1630			-.2990			
.725						-.3620	-.4080
.750							
.760			-.4300				
.775				-.3620	-.3530		
.808			-.4300				
.834	-.4190						
.850				-.5140	-.4530	-.4790	
.857			-.5680				
.869	-.3880						
.900	-.2760			-.2010			-.4000
.905			-.2000				
.950				-.1690	-.3760	-.5490	
.955			-.1700				
.965	-.1540						

MACH (1) = 1.087 BETAT (4) = 4.140

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.4780	-.1710	.3240	.5480	.4080	.4080	.4570
.050				-.0270	-.1690	-.2960	-.3070
.061			.1960				
.066		.1000					
.094	-.2200						
.150				.0130	.0550	-.1660	-.0670
.177			.0590				
.229	.0790						
.246		.1720					
.250				-.0510	-.1000	-.0320	-.0140
.362	.1690						
.400				-.0860	-.0410		.0320
.402			-.1240				
.497	-.0090						
.550				-.1150	-.2230		
.565			-.1470				
.600							-.2370
.650						-.2400	
.700	-.1900				-.2980		
.725				-.2690			
.750						-.3380	-.3810
.760			-.4350				
.775				-.4070	-.3630		

ATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A (RBML15)

AMES 11-707 IA9 C2A + S3 + T9 LOWER WING

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (1) = 1.097 BETAT (4) = 4.140

Y/BM	.299	.364	.427	.534	.673	.780	.887
X/CM							
.808			-.4370				
.834	-.3340			-.5380	-.4690	-.4620	
.850			-.4220				
.857							
.865	-.2560			-.2840			-.3780
.900	-.2410		-.3330				
.905				-.1680	-.3540	-.5080	
.950			-.1470				
.953							
.965	-.1550						

MACH (1) = 1.100 BETAT (5) = 0.290

Y/BM	.299	.364	.427	.534	.675	.780	.887
X/CM							
.000	-.6150	-.1170	.2780	.4910	.3080	.3780	.3670
.050				.0190	-.1160	-.2470	-.3080
.081			.2100				
.086		.0770					
.094	-.2730			.0900	.0950	-.1580	-.0780
.150			.1010				
.177							
.229	.0140						
.246		.1360		-.0610	-.0880	-.0980	-.0170
.250							
.342	.1220			-.0590	-.0630		.0240
.400							
.402			-.1180				
.497	.0750			-.1770	-.2470		
.550							
.565			-.2170				-.2510
.600						-.2590	
.650					-.3320		
.700	-.2170			-.3630			
.725						-.3300	-.3680
.750							
.760			-.3050	-.4110	-.3780		
.775							
.808			-.2910				
.834	-.2500			-.4140	-.4580	-.4840	
.850							
.857			-.2880				
.865	-.2430			-.4190			-.3680
.900	-.2280						
.905			-.2810	-.2650	-.3660	-.3820	
.950							
.953			-.1940				

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A

AMES 11-707 IA9 C2A + S3 + T9 LOWER WING (RUN115)

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (1) = 1.100 BETAT (5) = 0.250

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.965	-.2210						

MACH (2) = 1.245 BETAT (1) = -0.150

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	.0060	.0040	.4000	.8220	.7650	.7630	.7190
.050				.2160	.1580	.0820	.0420
.081			.3630				
.086		-.0190					
.094	-.0300						
.150				.3510	.3030	.0890	.0260
.177			.3570				
.229	-.0290						
.246		.2980					
.250				.2320	.2070	.2350	.2160
.362	-.0110						
.400				.2160	.2090		.2260
.402			.2030				
.497	.4260						
.550				.1030	-.0030		
.563			.0950				
.600							-.0400
.650						-.0640	
.700	.0910				-.1330		
.725				-.0790			
.750						-.1620	-.2[illegible]70
.760			-.1900				
.775				-.1900	-.2070		
.808			-.1690				
.834	-.1900						
.850				-.2770	-.2520	-.2930	
.857			-.3250				
.865	-.3400						
.900	-.4520			-.3500			-.2260
.905			-.4570				
.950				-.4230	-.3680	-.3720	
.953			-.4670				
.965	-.4160						

MACH (2) = 1.249 BETAT (2) = -4.070

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.0650	-.0640	.3070	.7200	.6740	.6770	.6390
.050				.1250	.0490	-.0610	-.0530
.081			.2790				
.086		-.0630					
.094	-.0640						

AMES 11-707 IA9 C2A + S3 + T9 LOWER WING (RBNL15)

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (2) = 1.249 BETAT (2) = -4.070

Y/BW	.298	.364	.427	.534	.675	.780	.887
X/CW							
.190				.2480	.2360	.2440	.1180
.177			.2760				
.229	-.0820						
.246		.1270					
.290				.1980	.1150	.1980	.1530
.362	-.0490						
.400				.1380	.1490		.1690
.402			.1230				
.497	.3260						
.550				.0980	-.0560		
.565			.0280				
.600							-.0780
.650						-.0890	
.700	.0080				-.1710		
.725				-.1710			
.750						-.1930	-.2570
.760			-.1920				
.775				-.2120	-.2510		
.808			-.2160				
.834	-.1060						
.850				-.2880	-.3140	-.3680	
.857			-.3490				
.865	-.3700						
.900	-.4740			-.3900			-.2830
.905			-.4060				
.950				-.4360	-.3910	-.4080	
.953			-.4080				
.965	-.3090						

MACH (2) = 1.247 BETAT (3) = .020

Y/BW	.299	.364	.427	.534	.675	.780	.887
X/CW							
.000	-.2240	-.1230	.2570	.6320	.5680	.5800	.5500
.050				.0900	-.0190	-.1290	-.1220
.061			.2470				
.086		-.1260					
.094	-.1440						
.150				.1560	.1770	-.0190	.0390
.177			.1990				
.229	-.1460						
.246		.2120					
.290				.0810	.0390	.0640	.0690
.362	.1050						
.400				.0290	.0510		.1200
.402			.0100				
.497	.2100						

DATE 20 SEP 79 TABULATED PRESSURE DATA - IA9A (RBML15)

AMES 11-707 IA9 CBA + S3 + T9 LOWER WING

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (2) = 1.247 BETAT (3) = .020

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.550				-.0520	-.1260		
.565			-.0610				-.1330
.600						-.1570	
.650					-.2170		
.700	-.1110			-.2390			
.725						-.2380	-.2880
.750							
.760			-.2620				
.775				-.2820	-.3000		
.808			-.2840				
.834	-.2550			-.3500	-.3580	-.3800	
.850							
.857			-.4020				
.865	-.4300			-.3950			-.3100
.900	-.4300						
.905			-.5260				
.950				-.4630	-.4450	-.4440	
.953			-.3770				
.965	-.3070						

MACH (2) = 1.247 BETAT (4) = 4.110

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.3680	-.1460	.2640	.5450	.4680	.4680	.4970
.050				.0160	-.1130	-.2380	-.1810
.081			.2030				
.086		-.1580					
.094	-.2000			.0220	.0820	-.0940	-.0090
.150							
.177			.2050				
.229	-.1980						
.246		.1630					
.250				-.0290	-.0580	-.0200	.0620
.362	.1170						
.410				-.0380	.0010		.1010
.412			-.0590				
.497	.0220						
.550				-.1020	-.1380		
.565			-.1320				
.600							-.1560
.650						-.1640	
.700	-.1720				-.2250		
.725				-.2510			
.750						-.2430	-.3010
.760			-.3050				
.775				-.2810	-.3020		

AMES 11-707 IA9 02A + S3 + T9 LOWER WING (RUN 15)

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (2) = 1.247 BETAT (4) = 4.110

Y/BW	.299	.364	.427	.534	.675	.760	.887
X/CW							
.808			-.3160				
.834	-.3200						
.850				-.3460	-.3560	-.3610	
.857			-.4230				
.865	-.3410						
.900	-.2510			-.4000			-.2980
.905			-.4920				
.950				-.4740	-.4260	-.4440	
.953			-.2760				
.985	-.1940						

MACH (2) = 1.246 BETAT (5) = 8.200

Y/BW	.299	.364	.427	.534	.675	.760	.887
X/CW							
.000	-.4540	-.1800	.2190	.4830	.4070	.3690	.3650
.050				.0490	-.0630	-.2050	-.2150
.081			.1900				
.086		.0590					
.094	-.2550						
.150				.0690	.0770	-.1080	-.0690
.177			.1300				
.229	-.1280						
.246		.1250					
.250				-.0190	-.0870	-.0400	-.0270
.362	.0780						
.400				-.0520	-.0970		.0360
.402			-.0560				
.497	.0650						
.550				-.1400	-.1840		
.565			-.1680				
.600							-.1850
.650						-.2150	
.700	-.1810				-.2810		
.725				-.2690			
.750						-.2940	-.3360
.760			-.3770				
.775				-.3590	-.3450		
.808			-.3560				
.834	-.2340						
.850				-.4490	-.4020	-.4050	
.857			-.3410				
.865	-.2430						
.900	-.2250			-.4720			-.3930
.905			-.3210				
.950				-.4260	-.4870	-.4790	
.953			-.2260				

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A (RDML15)

AMES 11-707 IA9 OEA + S2 + T9 LOWER WING

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (2) = 1.246 BETAT (5) = 8.200

X/CW \ Y/BW	.299	.364	.427	.534	.673	.780	.887
.965	-.1940						

AMES 11-707 IA9 OEA + S3 + T9 LOWER WING (SBML16) (27 APR 73)

REFERENCE DATA

SREF = 2.4210 SQ.FT. XMRP = 28.5300 INCHES
LREF = 39.6490 INCHES YMRP = .0000 INCHES
BREF = 39.6490 INCHES ZMRP = .0000 INCHES
SCALE = .0300 SCALE

PARAMETRIC DATA

ALPHAT = .000 ORBINC = .500
RUDDER = -5.000 ELEVON = .000
RUDFLR = .000

SECTION (1)LOWER WING

DEPENDENT VARIABLE CP

MACH (1) = 1.101 BETAT (1) = -8.210

Y/BW	.299	.364	.427	.534	.675	.760	.887
X/CW							
.000	-.1080	-.0980	.5280	.7620	.6880	.7050	.6120
.050				.3080	.2740	.2120	.2510
.061			.4510				
.066		.0730					
.084	-.0820						
.150				.3300	.3220	.1040	.2420
.177			.3580				
.229	-.0290						
.246		.3760					
.250				.2560	.2560	.2520	.2200
.362	.3600						
.400				.2450	.1990		.2040
.402			.2130				
.497	.3950						
.550				.0850	-.0910		
.565			.0870				-.1040
.600						-.1170	
.650					-.2030		
.700	.1450			-.1690			
.725						-.2360	-.2830
.750							
.760			-.3330				
.775				-.3050	-.2800		
.808			-.3410				
.834	-.2980						
.850				-.4440	-.3810	-.3910	
.857			-.4980				
.865	-.5290						
.900	-.5310			-.5160			-.2890
.905			-.4480				
.950				-.5060	-.5170	-.4870	
.953			-.2270				
.965	-.1890						

MACH (1) = 1.098 BETAT (2) = -4.090

Y/BW	.299	.364	.427	.534	.675	.760	.887
X/CW							
.000	-.1970	-.1040	.4710	.6990	.6300	.6360	.5590
.050				.2140	.1700	.1050	.1420
.061			.3600				
.066		.0900					
.084	-.1360						

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A

AMES 11-7FT IA9 C2A + S3 + T9 LOWER WING (RBHL16)

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (1) = 1.098 BETAT (2) = -4.090

Y/BW	.299	.364	.427	.534	.675	.760	.887
X/CW							
.150				.2470	.2160	.0870	.1510
.177			.2750				
.229	-.1120						
.246		.3120					
.250				.1300	.1640	.1730	.1460
.362	.3140						
.400				.1460	.1160		.1340
.402			.0650				
.497	.2990						
.550				.0480	-.1030		
.565			.0250				
.600							-.1490
.650						-.1600	
.700	.0360				-.2420		
.725				-.2210			
.750						-.2780	-.3300
.760			-.3610				
.775				-.3350	-.3280		
.806			-.3710				
.834	-.3330						
.890				-.4730	-.4120	-.4300	
.857			-.5210				
.865	-.3530						
.900	-.3120			-.5100			-.3360
.905			-.1730				
.950				-.2010	-.5510	-.5190	
.953			-.1700				
.965	-.1370						

MACH (1) = 1.100 BETAT (3) = .080

Y/BW	.299	.364	.427	.534	.675	.760	.887
X/CW							
.000	-.3440	-.1470	.3930	.6080	.5440	.5470	.4680
.050				.1060	.0600	-.0060	.0170
.061			.2860				
.066		.1000					
.094	-.2080						
.150				.1520	.1260	-.0360	.0760
.177			.1670				
.229	.0760						
.246		.2350					
.250				.0180	.0230	.1130	.0730
.362	.2260						
.400				.0270	.0490		.0780
.402			-.0440				
.497	.1640						

E 20 SEP 73 TABULATED PRESSURE DATA - IASA (RBNL16)

AMES 11-7[illegible] C2A + S3 + T9 LOWER WING

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (1) = 1.100 BETAT (3) = .020

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.550				-.0760	-.1660		
.565			-.1150				-.1970
.600						-.2160	
.650					-.2590		
.700	-.1190			-.249[illegible]			
.725						-.2910	-.3780
.750							
.760			-.4020				
.775				-.3640	-.3450		
.808			-.4050				
.834	-.3940						
.850				-.5010	-.4380	-.4510	
.857			-.5580				
.865	-.3380						
.900	-.2900			-.2370			-.3510
.905			-.1940				
.950				-.1680	-.5370	-.5440	
.953			-.1820				
.965	-.1270						

MACH (1) = 1.100 BETAT (4) = 4.130

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.5340	-.1650	.3030	.5590	.5020	.4060	.4310
.050				.0290	.0010	-.0750	-.0970
.081			.2230				
.086		.0900					
.094	-.2400						
.150				.1080	.0790	-.0940	.0440
.177			.0810				
.229	.0870						
.246		.1790					
.250				-.0400	-.0390	.0460	.0650
.362	.1720						
.410				-.0420	.0230		.0890
.402			-.0940				
.497	.0190						
.550				-.0710	-.1720		
.565			-.0930				
.600							-.2070
.650						-.2180	
.700	-.1400				-.2930		
.725				-.2890			
.750						-.3250	-.3800
.760			-.4320				
.775				-.4000	-.3780		

DATE 80 SEP 75 TABULATED PRESSURE DATA - IA9A

AMES 11-707 IA9 CBA + SS + T9 LOWER WING (RBWL16)

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (1) = 1.100 BETAT (4) = 4.130

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.808			-.4400				
.834	-.3530						
.850				-.5340	-.4660	-.4790	
.857			-.5190				
.865	-.2840						
.900	-.2510			-.2090			-.3630
.905			-.2350				
.950				-.1710	-.3000	-.5700	
.953			-.1590				
.965	-.1450						

MACH (1) = 1.080 BETAT (5) = 8.250

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.6090	-.1360	.2220	.4680	.4120	.4080	.3780
.050				.0990	.0070	-.0810	-.0550
.081			.2410				
.086		.0790					
.094	-.3020						
				.0990	.0760	-.0590	.0700
.177			.1340				
.229	.0510						
.246		.1530					
.290				-.0250	-.0890	.0550	.0840
.362	.1310						
.400				-.0270	-.0080		.0640
.402			-.0820				
.497	.0650						
.550				-.1120	-.1570		
.565			-.1670				
.600							-.2170
.650						-.2120	
.700	-.2060				-.2960		
.725				-.2920			
.750						-.3280	-.3790
.760			-.3490				
.775				-.3740	-.3620		
.808			-.2810				
.834	-.2330						
.850				-.4340	-.4640	-.4780	
.857			-.2970				
.865	-.2330						
.900	-.2200			-.4310			-.3840
.905			-.2850				
.950				-.3350	-.4920	-.5740	
.953			-.2400				

AMES 11-7X7 IA9 C2A + C3 + T9 LOWER WING (RBML16)

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (1) = 1.099 BETAT (5) = 0.[illegible]

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.965	-.2100						

MACH (2) = 1.247 BETAT (1) = -8.950

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	.0010	.0100	.4500	.6250	.7580	.7300	.6890
.050				.3120	.2920	.2260	.2460
.081			.4240				
.086		.0290					
.094	-.0100						
.150				.3770	.3380	.1710	.2730
.177			.3920				
.229	-.0050						
.246		.3480					
.250				.2640	.2630	.2990	.2680
.362	.0530						
.400				.2640	.2480		.2800
.402			.2300				
.497	.4500						
.550				.1340	.0280		
.565			.1290				
.600							-.0050
.650						-.0290	
.700	.1240				-.0990		
.725				-.0370			
.750						-.1300	-.1790
.760			-.1400				
.775				-.1370	-.1600		
.800			-.1800				
.834	-.1280						
.850				-.2710	-.2260	-.2670	
.857			-.3180				
.865	-.3330						
.900	-.4460			-.3460			-.1960
.905			-.4500				
.950				-.4180	-.3590	-.3270	
.953			-.4510				
.965	-.4390						

MACH (2) = 1.249 BETAT (2) = -8.070

Y/BW	.299	.364	.427	.534	.673	.780	887
X/CW							
.000	-.1030	-.0680	.3410	.7430	.6810	.6850	.6160
.050				.2190	.1960	.1490	.1440
.081			.3370				
.086		-.0480					
.094	-.0710						

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A

AMES 11-707 IA9 O2A + S3 + T9 LOWER WING (RBHL16)

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (2) = 1.249 BETAT (2) = -4.070

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.150				.2960	.2780	.0970	.2080
.177			.3150				
.229	-.0620						
.246		.2060					
.250				.1920	.1790	.2240	.2130
.362	-.0300						
.400				.1830	.1880		.2160
.402			.1600				
.497	.3520						
.550				.0750	-.0120		
.565			.0620				
.600							-.0450
.650						-.0890	
.700	.0360				-.1430		
.725				-.1330			
.750						-.1690	-.2170
.760			-.1650				
.775				-.1600	-.2210		
.808			-.1940				
.834	-.1680						
.850				-.2770	-.2800	-.3020	
.857			-.3350				
.865	-.3570						
.900	-.4590			-.3500			-.2340
.905			-.4660				
.950				-.4250	-.3630	-.3840	
.953			-.4660				
.965	-.3010						

MACH (2) = 1.247 BETAT (3) = .020

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.2510	-.1400	.3150	.6470	.5750	.5910	.5260
.050				.1530	.1240	.0650	.0510
.081			.3140				
.086		-.1130					
.094	-.1160						
.150				.1640	.2040	.0180	.1160
.177			.2290				
.229	-.1170						
.246		.2380					
.250				.1160	.0790	.1240	.1280
.362	.1330						
.400				.0490	.0830		.1460
.402			.0230				
.497	.2200						

ATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A (RBML16)

AMES 11-707 IA9 C2A + S3 + T9 LOWER WING

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (2) = 1.247 BETAT (3) = .020

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.550				-.0100	-.0920		
.565			-.0310				-.1020
.600						-.1280	
.650					-.1930		
.700	-.0920			-.2030			
.725						-.2070	-.2680
.750							
.760			-.2510				
.775				-.2450	-.2740		
.808			-.2670				
.834	-.2510			-.3280	-.3440	-.3410	
.850							
.857			-.3920				
.865	-.4250						-.2730
.900	-.4250			-.3770			
.905			-.5090				
.950				-.4560	-.3870	-.4300	
.953			-.4180				
.965	-.2980						

MACH (2) = 1.244 BETAT (4) = 4.110

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.4010	-.1590	.2090	.5630	.4900	.4940	.4820
.050				.0330	-.0070	-.0400	-.0190
.081			.2350				
.086		-.1930					
.094	-.1730						
.150				.0640	.1180	-.0320	.0740
.177			.1360				
.229	-.1750						
.246		.1680					
.250				.0000	-.0260	.1360	.1240
.362	.1490						
.400				.0160	.0820		.1320
.402			-.0180				
.497	.0420						
.550				-.0300	-.0620		
.565			-.0900				
.600							-.1020
.650						-.1140	
.700	-.1310				-.1990		
.725				-.1790			
.750						-.2230	-.2630
.760			-.2430				
.775				-.2190	-.2640		

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A

AMES 11-707 IA9 OEA + S3 + T9 LOWER WING (RBML16)

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (2) = 1.244 BETAT (4) = 4.110

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.606			-.2640				
.634	-.2650						
.650				-.3320	-.3110	-.3530	
.657			-.3990				
.665	-.3000						
.900	-.1950			-.4020			-.2910
.905			-.4770				
.950				-.4700	-.4040	-.4290	
.953			-.3360				
.965	-.1990						

MACH (2) = 1.244 BETAT (5) = 0.200

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.4550	-.1860	.1720	.4850	.4410	.4240	.3700
.050				.1250	.0570	-.0440	-.0880
.061			.2410				
.086		.0900					
.094	-.2490						
.150				.1330	.0960	-.0580	.0130
.177			.1760				
.229	-.0720						
.246		.1410					
.250				-.0110	-.0830	.0840	.0450
.362	.0960						
.400				-.0230	.0060		.0720
.402			-.0490				
.497	.1000						
.550				-.0960	-.1440		
.565			-.1330				
.600							-.1650
.650						-.1690	
.700	-.1610				-.2540		
.725				-.2740			
.750						-.2670	-.3220
.760			-.3610				
.775				-.3400	-.3220		
.808			-.3310				
.834	-.2140						
.850				-.4270	-.3790	-.3870	
.857			-.3130				
.865	-.2350						
.900	-.2150			-.4320			-.3340
.905			-.2990				
.950				-.4100	-.4550	-.4620	
.953			-.2560				

TE 26 SEP 73 TABULATED PRESSURE DATA - IA9A

AMES 11-707 IA9 O2A + S3 + T9 LOWER WING (RBML16)

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (2) = 1.244 BETAT (5) = 8.200

Y/BW	.299	.364	.427	.534	.673	.780	.867
X/CW							
.965	-.1880						

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A (RBNL17) (27 APR 73)

AMES 11-707 IA9 02A + S3 + T9 LOWER WING

REFERENCE DATA

SREF =	2.4210	SQ.FT.	XMRP =	28.5300	INCHES
LREF =	39.8490	INCHES	YMRP =	.0000	INCHES
BREF =	39.8490	INCHES	ZMRP =	.0000	INCHES
SCALE =	.0300	SCALE			

PARAMETRIC DATA

ALPHAT =	2.000	ORBINC =	.500
RUDDER =	-5.000	ELEVON =	.000
RUDFLR =	.000		

SECTION (1)LOWER WING

MACH (1) = 1.102 BETAT (1) = -8.200

DEPENDENT VARIABLE CP

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.1140	-.0330	.4090	.7260	.6470	.6510	.4830
.050				.4160	.3650	.3280	.3900
.061			.4980				
.086		.1700					
.094	-.0690						
.150				.3920	.4070	.2560	.3110
.177			.4110				
.229	.0160						
.246		.4240					
.250				.3020	.3190	.3140	.2740
.362	.4150						
.400				.2870	.2500		.2470
.402			.2590				
.497	.4170						
.550				.1250	-.0800		
.565			.1320				
.600							-.0610
.650						-.0740	
.700	.1760				-.1710		
.725				-.1600			
.750						-.1990	-.2430
.760			-.3200				
.775				-.2830	-.2590		
.808			-.3210				
.834	-.2800						
.850				-.4240	-.3520	-.3580	
.857			-.4760				
.865	-.5180						
.900	-.5950			-.4900			-.2360
.905			-.5140				
.950				-.5570	-.4910	-.4570	
.953			-.2180				
.965	-.1620						

MACH (1) = 1.098 BETAT (2) = -4.090

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.2360	-.1210	.4190	.6660	.5690	.5980	.4480
.050				.3080	.2840	.2220	.3020
.081			.4180				
.086		.0960					
.094	-.1160						

AMES 11-7ft IA9 02A + S3 + T9 LOWER WING (RBML17)

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (1) = 1.998 BETAT (2) = -4.090

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.150				.2950	.3190	.1690	.2360
.177			.3140				
.229	-.0720						
.246		.3360					
.250				.1950	.2340	.2440	.2100
.362	.3220						
.400				.2110	.1820		.1520
.402			.1450				
.497	.3140						
.550				.0720	-.0970		
.565			.0550				
.600							-.1180
.650						-.1250	
.700	.0920				-.2170		
.725				-.1990			
.750						-.2430	-.2860
.760			-.3500				
.775				-.3160	-.3000		
.808			-.3560				
.834	-.3200						
.850				-.4540	-.3890	-.40[illegible]	
.857			-.5070				
.865	-.5430						
.900	-.3230			-.5240			-.2880
.905			-.1770				
.950				-.2110	-.5290	-.4960	
.953			-.1660				
.965	-.1360						

MACH (1) = 1.102 BETAT (3) = .020

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.4030	-.2070	.3500	.5690	.5010	.5200	.4150
.050				.1830	.1560	.1220	.2250
.081			.3220				
.086		.0820					
.094	-.1740						
.150				.1870	.2120	.0840	.1770
.177			.1990				
.229	.0920						
.246		.2420					
.250				.0610	.1310	.1880	.1660
.362	.2240						
.400				.1170	.1340		.1400
.402			-.0030				
.497	.1680						

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A (RBNL17)

AMES 11-707 IA9 C2A + S3 + T9 LOWER WING

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (1) = 1.102 BETAT (3) = .020

Y/BW	.299	.364	.427	.534	.675	.780	.887
X/CW							
.550				.0230	-.1330		
.565			.0010				-.1570
.600						-.1570	
.650					-.2460		
.700	.0300			-.2420			
.725						-.2740	-.3270
.750							
.760			-.4010				
.775				-.3520	-.3320		
.808			-.4020				
.834	-.3920			-.4860	-.4180	-.4300	
.850							
.857			-.5470				
.865	-.3650			-.2520			-.3240
.900	-.2960						
.905			-.1800	-.1570	-.5250	-.5250	
.950							
.953			-.1620				
.965	-.1000						

MACH (1) = 1.100 BETAT (4) = 4.130

Y/BW	.299	.364	.427	.534	.675	.780	.887
X/CW							
.000	-.5770	-.1940	.2360	.4640	.4640	.4670	.3570
.050				.1210	.1200	.0760	.1660
.061			.2510				
.086		.0670					
.094	-.2440			.1230	.1720	.0680	.1340
.150							
.177			.1060				
.229	.0730						
.246		.1660		.0270	.1170	.1450	.1230
.250							
.362	.1580			.0900	.0790		.1210
.400							
.402			-.0110				
.497	.0210			-.0360	-.1660		
.550							
.565			-.0690				-.1870
.600						-.1690	
.650					-.2810		
.700	-.0670			-.2820			
.725						-.3020	-.3500
.750							
.760			-.4350				
.775				-.3660	-.3620		

TE 20 SEP 73 TABULATED PRESSURE DATA - IA9A

AMES 11-7X7 IA9 O2A + S3 + T9 LOWER WING (RBML17)

SECTION (1)LOWER WING

DEPENDENT VARIABLE CP

MACH (1) = 1.100 BETAT (4) = 4.130

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.608			-.4340				
.634	-.3840						
.650				-.5170	-.4480	-.4580	
.657			-.5240				
.665	-.2940						
.900	-.2520			-.1930			-.3580
.905			-.1900				
.950				-.1450	-.2550	-.5470	
.953			-.1210				
.965	-.1180						

MACH (1) = 1.099 BETAT (5) = 8.230

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.6220	-.1490	.1210	.4160	.3630	.3010	.2650
.050				.1650	.1280	.0820	.1060
.081			.2790				
.086		.0760					
.094	-.3140						
.150				.1330	.1420	.0700	.1200
.177			.1740				
.229	.0430						
.246		.1770					
.250				.0270	.1080	.1300	.1100
.362	.1380						
.400				.0610	.0670		.1010
.402			-.0270				
.497	.1020						
.550				-.0570	-.1640		
.565			-.0690				
.600							-.2090
.650						-.2030	
.700	-.1750				-.2930		
.725				-.3010			
.750						-.3090	-.3580
.760			-.3610				
.775				-.3720	-.3720		
.808			-.2650				
.834	-.2090						
.850				-.4190	-.4550	-.4610	
.857			-.2850				
.865	-.2100						
.900	-.2030			-.4130			-.3620
.905			-.2750				
.950				-.3080	-.2970	-.5480	
.953			-.1810				

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A

AMES 11-707 IA9 02A + S3 + T9 LOWER WING (RBML17)

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (1) = 1.099 BETAT (5) = 0.250

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.965	-.2000						

MACH (2) = 1.244 BETAT (1) = -0.150

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.0490	-.0090	.5160	.8100	.7270	.7370	.6110
.050				.4190	.4020	.3290	.4060
.081			.5040				
.086		.0410					
.094	.0300			.4260	.4220	.2720	.3540
.150							
.177			.4390				
.229	.0260						
.246		.4210		.3270	.3400	.3650	.3360
.250							
.362	.2420			.3310	.3150		.2930
.400							
.402			.2640				
.497	.4700			.2290	.0770		
.550							
.565			.2260				.0990
.600						.0250	
.650					-.0490		
.700	.2730			-.0180			
.725						-.0820	-.1350
.750							
.760			-.1310				
.775				-.1230	-.1290		
.808			-.1720				
.834	-.1250						
.850				-.2570	-.2090	-.2260	
.857			-.2950				
.865	-.3290						
.900	-.4430			-.3280			-.1270
.905			-.4480				
.950				-.4030	-.3440	-.3120	
.953			-.4440				
.965	-.4290						

MACH (2) = 1.251 BETAT (2) = -0.060

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.1520	-.1220	.3650	.7420	.6560	.6660	.5550
.050				.3290	.3220	.2450	.3310
.081			.4250				
.086		-.0370					
.094	-.0340						

DATE 25 SEP 73 TABULATED PRESSURE DATA - IA9A

AMES 11-7U7 IA9 O2A + S3 + T9 LOWER WING (RBML17)

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (2) = 1.251 BETAT (2) = -4.060

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.150				.3470	.3590	.1940	.2900
.177			.3640				
.229	-.0330						
.246		.2960					
.250				.2420	.2390	.5070	.2750
.362	.0160						
.400				.2290	.2440		.2250
.402			.1690				
.497	.3730						
.550				.1210	.0200		
.565			.1000				
.600							-.0080
.650						-.0210	
.700	.0550				-.1010		
.725				-.0560			
.750						-.1280	-.1780
.760			-.1350				
.775				-.1310	-.1820		
.808			-.1830				
.834	-.1480						
.850				-.2690	-.2390	-.2690	
.857			-.3180				
.865	-.3380						
.900	-.4490			-.3420			-.1770
.905			-.4650				
.950				-.4160	-.3500	-.3510	
.953			-.4610				
.965	-.3310						

MACH (2) = 1.248 BETAT (3) = .020

Y/BW	.299	.334	.427	.534	.673	.780	.887
X/CW							
.000	-.3000	-.2200	.3480	.6360	.5590	.5680	.4800
.050				.2440	.2450	.1700	.2440
.081			.3660				
.086		-.0850					
.094	-.0930						
.150				.2550	.2470	.1160	.2080
.177			.2600				
.229	-.0850						
.246		.2490					
.250				.1430	.1470	.2030	.1980
.362	.1800						
.400				.0940	.1470		.1650
.402			.0490				
.497	.2320						

DATE 20 SEP 7_ TABULATED PRESSURE DATA - IA9A (RBML17)

AMES 11-707 IA9 O2A + S3 + T9 LOWER WING

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (2) = 1.248 BETAT (3) = .020

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.550				.0570	-.0290		
.565			.0140				-.0530
.600						-.0610	
.650					-.1510		
.700	-.0490			-.1310			
.725						-.1640	-.2080
.750			-.2160				
.760				-.1810	-.2300		
.775			-.2440				
.808							
.834	-.2370			-.3010	-.2990	-.3010	
.850			-.3570				
.857							
.865	-.4090			-.3710			-.2260
.900	-.4630		-.4990				
.905				-.4380	-.3700	-.3780	
.950			-.4510				
.953							
.965	-.2750						

MACH (2) = 1.244 BETAT (4) = 4.1[illegible]

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.4220	-.2420	.2560	.5550	.4620	.4850	.4550
.050				.1400	.1310	.0730	.2320
.081			.2710				
.086		-.1170					
.094	-.1530			.1090	.1650	.0710	.2030
.150			.1370				
.177							
.229	-.1360						
.246		.1910		.0220	.1160	.2220	.1600
.250							
.[illegible]	.1750			.0450	.1340		.2020
.400							
.402			.0300				
.497	.0300			.0170	-.0280		
.550							
.565			-.0100				-.0470
.600						-.0540	
.650					-.1340		
.700	-.0790			-.1040			
.725						-.1630	-.2200
.750							
.760			-.2170				
.775				-.2050	-.2230		

SECTION (1)LOWER WING

DEPENDENT VARIABLE CP

MACH (2) = 1.244 BETAT (4) = 4.100

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.808			-.2320				
.834	-.2620						
.850				-.3310	-.2890	-.3120	
.857			-.3860				
.865	-.3460						
.900	-.2110			-.3950			-.2410
.905			-.5100				
.950				-.4900	-.4000	-.3930	
.953			-.2560				
.965	-.2210						

MACH (2) = 1.245 BETAT (5) = 8.200

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.4570	-.2220	.1210	.4730	.4030	.4140	.3390
.050				.1670	.1440	.0520	.1370
.081			.2640				
.086		.0790					
.094	-.2230						
.150				.1410	.1300	.0260	.1340
.177			.1940				
.229	-.0580						
.246		.1570					
.250				.0360	.0550	.1340	.1260
.362	.1160						
.400				.0430	.0800		.1520
.402			-.0080				
.497	.1260						
.550				-.0340	-.0880		
.565			-.0900				
.600							-.1180
.650						-.1310	
.700	-.1230				-.2060		
.725				-.2210			
.750						-.2200	-.2720
.760			-.3200				
.775				-.2860	-.2670		
.808			-.2970				
.834	-.2010						
.850				-.3750	-.3330	-.3430	
.857			-.2830				
.865	-.2140						
.900	-.1960			-.4000			-.2850
.905			-.3070				
.950				-.4110	-.4360	-.4240	
.953			-.2270				

DATE 26 SEP 73 TABULATED PRESSURE DATA - IA9A

AMES 11-7ft IA9 C2A + S3 + T9 LOWER WING (RBML17)

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (2) = 1.245 BETAT (5) = 0.200

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.965	-.1639						

E 20 SEP 73 TABULATED PRESSURE DATA - IA9A

AMES 11-707 IA9 O2A + S3 + T9 LOWER WING (RBML18) (27 APR 73)

REFERENCE DATA

SREF =	2.4210 SQ.FT.	XMRP =	28.5300 INCHES		
LREF =	39.8490 INCHES	YMRP =	.0000 INCHES		
BREF =	39.8490 INCHES	ZMRP =	.0000 INCHES		
SCALE =	.0300 SCALE				

PARAMETRIC DATA

ALPHAT =	4.000	ORBINC =	.500
RUDDER =	-5.000	ELEVON =	.000
RUDFLR =	.000		

SECTION (1)LOWER WING

DEPENDENT VARIABLE CP

MACH (1) = 1.101 BETAT (1) = -8.000

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.1360	-.0680	.4250	.6780	.6060	.5980	.3670
.050				.4820	.4670	.4230	.4890
.081			.5380				
.086		.1840					
.094	-.0180						
.150				.4350	.4620	.3420	.3730
.177			.4360				
.229	.1060						
.246		.4380					
.250				.3370	.3660	.3630	.3170
.362	.4150						
.400				.3170	.2860		.2410
.402			.2870				
.497	.4250						
.550				.1390	-.0290		
.565			.1500				
.600							-.0120
.650						-.0440	
.700	.1910				-.1510		
.725				-.1490			
.750						-.1710	-.2160
.760			-.3080				
.775				-.2680	-.2580		
.808			-.3070				
.834	-.2780						
.850				-.4100	-.3340	-.3340	
.857			-.4670				
.865	-.5120						
.900	-.6310			-.4830			-.1970
.905			-.5970				
.950				-.5490	-.4730	-.4350	
.953			-.2260				
.965	-.1820						

MACH (1) = 1.099 BETAT (2) = -4.080

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.2640	-.1850	.3600	.6280	.5550	.5490	.3420
.050				.3820	.3690	.3270	.4140
.081			.4610				
.086		.1070					
.094	-.0760						

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A (RBML18)

AMES 11-707 IA9 C2A + S3 + T9 LOWER WING

DEPENDENT VARIABLE CP

SECTION (1)LOWER WING

MACH (1) = 1.099 BETAT (2) = -4.080

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.150				.3420	.3830	.2660	.3050
.177			.3490				
.229	.0470						
.246		.3600					
.250				.2370	.2890	.2990	.2620
.362	.3320						
.400				.2490	.2240		.1900
.402			.1910				
.497	.3240						
.550				.0920	-.0690		
.565			.0830				
.600							-.0760
.650						-.0870	
.700	.1140				-.1890		
.725				-.1870			
.750						-.2130	-.2530
.760			-.3400				
.775				-.3040	-.2780		
.808			-.3430				
.834	-.0140						
.850				-.4370	-.3620	-.3750	
.877			-.5000				
.865	-.5390						
.900	-.3860			-.5100			-.2180
.905			-.1980				
.950				-.2240	-.5000	-.4700	
.953			-.1700				
.965	-.1180						

MACH (1) = 1.098 BETAT (3) = .020

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.4810	-.3410	.2760	.5380	.4700	.4840	.2940
.050				.2690	.2590	.2550	.3480
.081			.3630				
.086		.0710					
.094	-.1530						
.150				.2350	.2910	.2120	.2520
.177			.2340				
.229	.0930						
.246		.2560					
.250				.1300	.2200	.2440	.2150
.362	.2220						
.400				.1830	.1670		.1490
.402			.0850				
.497	.1750						

TE 20 SEP 73 TABULATED PRESSURE DATA - IA9A (RBML18)

AMES 11-707 IA9 02A + S3 + T9 LOWER WING

DEPENDENT VARIABLE CP

SECTION (1)LOWER WING

MACH (1) = 1.096 BETAT (3) = .020

Y/BW	.299	.364	.427	.534	.675	.780	.887
X/CW							
.550			.0010	.0310	-.1050		
.565							-.1220
.600						-.1210	
.650					-.2280		
.700	.0110			-.2350			
.725						-.2450	-.2890
.750			-.4000				
.760				-.3470	-.3120		
.774			-.4000				
.808							
.834	-.3690			-.4800	-.4010	-.4080	
.850			-.5410				
.857							-.2800
.885	-.3140			-.2320			
.900	-.2710		-.1610				
.905				-.1360	-.5330	-.5020	
.950			-.1300				
.953							
.965	-.0820						

MACH (1) = 1.100 BETAT (4) = 4.130

Y/BW	.299	.364	.427	.534	.675	.780	.887
X/CW							
.000	-.5920	-.2570	.1620	.4440	.4200	.4150	.2350
.050				.2120	.2230	.1940	.3060
.061			.2660				
.066		.0570					
.094	-.2170			.1770	.2310	.1520	.2030
.150			.1610				
.177							
.229	.0640						
.246		.1760		.0940	.1700	.2020	.1780
.250							
.362	.1620			.1200	.1200		.1160
.410			.0630				
.412							
.497	.0480			-.0120	-.1280		
.550			-.0300				-.1470
.565						-.1480	
.600							
.650					-.2500		
.700	-.0480			-.2590			
.725						-.2660	-.3160
.750			-.4120				
.760				-.3730	-.3350		
.775							

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A (RBML18)

AMES 11-707 IA9 O2A + S3 + T9 LOWER WING

DEPENDENT VARIABLE CP

SECTION (1)LOWER WING

MACH (1) = 1.100 BETAT (4) = 4.130

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.806			-.4100				
.834	-.3720			-.5000	-.4240	-.4260	
.850							
.857			-.4860				
.865	-.2690			-.2330			-.3110
.900	-.2280						
.905			-.2000	-.1360	-.3740	-.5200	
.950							
.953			-.1090				
.985	-.1130						

MACH (1) = 1.099 BETAT (5) = 8.260

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.6310	-.1860	.0370	.3410	.2450	.2950	.1260
.050				.2040	.1980	.1830	.2950
.081			.2950				
.086		.0640					
.094	-.3170			.1580	.2070	.1460	.1840
.150							
.177			.1900				
.229	.0490						
.246		.1780		.0860	.1590	.1720	.1420
.250							
.362	.1360			.1000	.0990		.1170
.400							
.402			-.0120				
.497	.1010			-.0510	-.1450		
.550							
.565			-.0830				-.1630
.600						-.1730	
.650					-.2690		
.700	-.1680			-.2900			
.725						-.2790	-.3340
.750							
.760			-.3500				
.775				-.3600	-.3490		
.806			-.2720				
.834	-.2130			-.4030	-.4310	-.4350	
.850							
.857			-.2970				
.865	-.2180						-.3350
.900	-.2030			-.4080			
.905			-.2810				
.950				-.3010	-.2670	-.5070	
.953			-.2160				

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A (RBML18)

AMES 11-707 IA9 OEA + S3 + T9 LOWER WING

SECTION (1)LOWER WING

DEPENDENT VARIABLE CP

MACH (1) = 1.099 BETAT (1) = 8.280

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.965	-.1980						

MACH (2) = 1.244 BETAT (1) = -8.140

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.0810	-.0500	.4990	.7800	.6980	.7020	.5310
.050				.4630	.4760	.4280	.5130
.061			.5510				
.066		.0660					
.094	.0730			.4560	.4760	.4560	.4200
.150							
.177			.4570				
.229	.0360						
.246		.4560		.3590	.4000	.4170	.3630
.250							
.362	.4040			.3780	.3470		.5130
.400							
.402			.3170				
.497	.4600			.2360	.0660		
.550							
.565			.2260				.0710
.600						.0520	
.650					-.0360		
.700	.7710			-.0140			
.725						-.0800	-.1040
.750							
.760			-.1310				
.775				-.1210	-.1130		
.806			-.1660				
.834	-.1230			-.2540	-.2000	-.2080	
.850							
.857			-.2970				
.865	-.3300			-.3240			-.0970
.900	-.4400						
.905			-.4360	-.3910	-.3310	-.2960	
.950							
.953			-.4250				
.965	-.3840						

MACH (2) = 1.244 BETAT (2) = -4.060

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.2100	-.1770	.3650	.7080	.6320	.6260	.4770
.050				.3970	.3940	.3240	.4450
.061			.4810				
.066		.0150					
.094	.0440						

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A

AMES 11-707 IA9 C2A + S3 + T9 LOWER WING (RBML18)

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (2) = 1.244 BETAT (2) = -4.060

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.150				.3780	.3870	.2740	.5580
.177			.3610				
.229	-.0210						
.246		.3740					
.250				.2670	.3010	.3550	.3310
.362	.1590						
.400				.2740	.2870		.2710
.402			.2030				
.497	.3710						
.550				.1570	.0900		
.565			.1280				.0280
.600						.0070	
.650					-.0810		
.700	.0750			-.0310			
.725						-.0880	-.1460
.750							
.760			-.1520				
.775				-.1410	-.1460		
.808			-.1910				
.834	-.1460						
.850				-.2730	-.2110	-.2420	
.857			-.3090				
.865	-.3490						
.900	-.4570			-.3400			-.1340
.905			-.4520				
.950				-.4070	-.3430	-.3080	
.953			-.4430				
.965	-.2790						

MACH (2) = 1.247 BETAT (3) = .020

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.3580	-.3180	.2870	.5620	.5360	.5460	.4080
.050				.3140	.3080	.2330	.3560
.081			.3960				
.086		-.0540					
.094	-.0680						
.154				.2800	.2820	.1650	.2760
.177			.2870				
.229	-.0780						
.246		.2620					
.250				.1610	.1920	.2570	.2540
.362	.2010						
.400				.1180	.1930		.2690
.402			.0660				
.497	.2260						

ATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A (RBML10)

AMES 11-707 IA9 O2A + S3 + T9 LOWER WING

DEPENDENT VARIABLE CP

SECTION (1)LOWER WING

MACH (2) = 1.247 BETAT (3) = .020

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.550				.0620	.0080		
.565			.0410				-.0070
.600						-.0230	
.650					-.0860		
.700	-.0160			-.0760			
.725						-.1110	-.1700
.750							
.760			-.2020				
.775				-.1660	-.1610		
.806			-.2410				
.834	-.2280			-.3170	-.2570	-.2520	
.850							
.857			-.3740				
.865	-.3970			-.3630			-.2280
.900	-.4080						
.905			-.4990	-.4410	-.3620	-.3460	
.950							
.953			-.4300				
.965	-.2400						

MACH (2) = 1.240 BETAT (4) = 4.120

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.4320	-.3140	.1590	.5070	.4510	.4710	.3660
.050				.2090	.2190	.2050	.3590
.081			.2790				
.086		-.0960					
.094	-.1290			.1600	.1960	.1840	.2650
.150							
.177			.1610				
.229	-.1290						
.246		.1960		.0750	.1910	.2870	.2610
.250							
.362	.1640			.1520	.2150		.2070
.400							
.402			.0690				
.497	.0350			.0740	-.0010		
.550							
.565			.0070				-.0360
.600						-.0550	
.650					-.1360		
.700	-.0520			-.1200			
.725						-.1500	-.1990
.750							
.760			-.2330				
.775				-.2180	-.2010		

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A (RBM_18)

AMES 11-707 IA9 O2A + S3 + T9 LOWER WING

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (2) = 1.249 BETAT (4) = 4.120

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.808			-.2620				
.834	-.2410						
.850				-.3300	-.2720	-.2820	
.857			-.3810				
.865	-.3370						
.900	-.2220			-.3890			-.2270
.905			-.4860				
.950				-.4480	-.3910	-.3680	
.953			-.2490				
.965	-.2010						

MACH (2) = 1.245 BETAT (5) = 8.210

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.4690	-.2290	.0590	.4070	.3230	.3720	.2520
.050				.2460	.2090	.1400	.2760
.081			.2980				
.086		.0690					
.094	-.1900						
.150				.1680	.1960	.1140	.1870
.177			.2280				
.229	.0010						
.246		.1620					
.250				.0820	.1570	.1780	.1620
.362	.1340						
.400				.0990	.1110		.1580
.402			.0270				
.497	.1650						
.550				-.0010	-.0520		
.565			-.0440				
.600							-.0830
.650						-.0940	
.700	-.0850				-.1740		
.725				-.1800			
.750						-.1680	-.2410
.760			-.2830				
.775				-.2660	-.2450		
.808			-.2760				
.834	-.1760						
.850				-.3760	-.3100	-.3140	
.857			-.2990				
.865	-.1950						
.900	-.1750			-.4200			-.2530
.905			-.3080				
.950				-.4250	-.4230	-.3970	
.953			-.2590				

DATE 21 SEP 73 TABULATED PRESSURE DATA - IA9A (RBML18)

AMES 11-707 IA9 O2A + S3 + T9 LOWER WING

DEPENDENT VARIABLE CP

SECTION (1)LOWER WING

MACH (2) = 1.245 BETAT (5) = 0.210

Y/BW	.299	.364	.427	.534	.673	.760	.887
X/CW							
.965	-.1510						

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A (RBHL19) (27 APR 73)

AMES 11-707 IA9 C2A + S3 + T9 LOWER WING

REFERENCE DATA

SREF = 2.4210 SQ.FT. XMRP = 28.5300 INCHES
LREF = 39.6490 INCHES YMRP = .0000 INCHES
BREF = 39.6490 INCHES ZMRP = .0000 INCHES
SCALE = .0300 SCALE

PARAMETRIC DATA

ALPHAT = 6.000 ORBINC = .500
RUDDER = -5.000 ELEVON = .000
RUDFLR = .000

SECTION (1)LOWER WING

DEPENDENT VARIABLE CP

MACH (1) = 1.101 BETAT (1) = -8.180

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.1620	-.1670	.3430	.6340	.5530	.5290	.2560
.050				.5470	.5460	.5020	.5660
.081			.5620				
.086		.2040					
.094	.0290			.4780	.5230	.3820	.4280
.150							
.177			.4670				
.229	.1650						
.246		.4610		.3720	.4100	.4050	.3630
.250							
.362	.4240			.3380	.3200		.2750
.400							
.402			.3060				
.497	.4190			.1530	-.0120		
.550							
.565			.1550				.0170
.600						-.0150	
.650					-.1350		
.700	.1930			-.1370			
.725						-.1400	-.1620
.750							
.760			-.3010				
.775				-.2500	-.2150		
.808			-.2990				
.834	-.2870						
.850				-.3990	-.3170	-.3070	
.857			-.4570				
.865	-.5130						
.900	-.6210			-.4790			-.1570
.905			-.6220				
.950				-.5380	-.4610	-.4100	
.953			-.2160				
.965	-.1760						

MACH (1) = 1.098 BETAT (2) = -4.080

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.3460	-.3440	.2700	.5750	.4980	.4730	.2000
.050				.4540	.4600	.4210	.5000
.081			.5020				
.086		.1070					
.094	-.0440						

AMES 11-7?7 IA9 OEA + S3 + T9 LOWER WING

DEPENDENT VARIABLE CP

SECTION (1)LOWER WING

MACH (1) = 1.098 BETAT (2) = -4.080

Y/BW	.299	.364	.427	.534	.675	.780	.887
X/CW							
.150				.3910	.4540	.3350	.3710
.177			.3630				
.229	.1100						
.246		.3770		.2850	.3440	.3490	.3090
.250							
.362	.3360			.2760	.2670		.2300
.400							
.402			.2270				
.497	.3300			.1060	-.0600		
.550							
.565			.0890				-.0380
.600						-.0530	
.650					-.1710		
.700	.1160			-.1790			
.725						-.1800	-.2200
.750							
.760			-.3460		-.2920	-.2560	
.775							
.808			-.3420				
.834	-.3280				-.4270	-.3490	-.3470
.850							
.857			-.4970				
.865	-.5490				-.5020		-.1790
.900	-.3240						
.905			-.2620		-.1900	-.4870	-.4450
.950							
.953			-.1760				
.965	-.0880						

MACH (1) = 1.101 BETAT (3) = .020

Y/BW	.299	.334	.427	.534	.675	.780	.887
X/CW							
.000	-.5470	-.5040	.1990	.4970	.4450	.4340	.1660
.050				.3520	.3670	.3430	.4450
.081			.4100				
.086		.0890					
.094	-.1120			.2940	.3740	.2810	.3220
.150							
.177			.2790				
.229	.0700						
.246		.2820		.1920	.2800	.3030	.2690
.250							
.362	.2350			.2140	.2150		.1970
.400							
.402			.1360				
.497	.2050						

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A (RBML19)

AMES 11-707 IA9 O2A + S3 + T9 LOWER WING

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (1) = 1.101 BETAT (3) = .020

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.550				.0560	-.0910		
.565			.0160				-.0890
.600						-.0880	
.650					-.1990		
.700	.0310			-.2210			
.725						-.2140	-.2510
.750			-.3950				
.760				-.3340	-.2910		
.775			-.3890				
.808							
.834	-.3850			-.4530	-.3760	-.3800	
.850			-.5330				
.857							
.865	-.2860			-.5010			-.2290
.900	-.2470		-.1980				
.905				-.1360	-.5140	-.4760	
.950			-.1350				
.953							
.965	-.0790						

MACH (1) = 1.103 BETAT (4) = 4.150

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.5960	-.3110	.0620	.4420	.3610	.3760	.1150
.050				.2770	.3150	.2900	.4030
.081			.2940				
.086		.0410					
.094	-.1920			.2230	.3000	.2430	.2800
.150							
.177			.1960				
.229	.0490						
.246		.1790					
.250				.1350	.2250	.2680	.2320
.362	.1510						
.400				.1480	.1680		.1670
.402			.0810				
.497	.0810						
.550				.0110	-.1180		
.565			-.0230				
.600							-.1180
.650						-.1190	
.700	-.0380				-.2350		
.725				-.2540			
.750						-.2410	-.2790
.760			-.4170				
.775				-.3670	-.3220		

DATE 20 SEP 75 TABULATED PRESSURE DATA - IA9A (RBML19)

AMES 11-707 IA9 02A + S3 + T9 LOWER WING

DEPENDENT VARIABLE CP

SECTION (1)LOWER WING

MACH (1) = 1.103 BETAT (4) = 4.150

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.808			-.4160				
.834	-.4010						
.850				-.4930	-.4100	-.4060	
.857			-.4660				
.865	-.2630						
.900	-.2270			-.4760			-.2780
.905			-.2560				
.950				-.1580	-.5410	-.5030	
.953			-.1110				
.965	-.1350						

MACH (1) = 1.100 BETAT (5) = 0.280

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.6470	-.2210	-.0170	.2510	.1670	.2570	-.0110
.050				.2530	.2930	.2800	.3600
.081			.3120				
.086		.0520					
.094	-.2870			.2120	.2650	.2010	.2510
.150			.2170				
.177							
.229	.0670						
.246		.1680		.1150	.1980	.2180	.1980
.250							
.362	.1360			.1280	.1320		.1770
.400			.0250				
.402							
.497	.1090			-.0250	-.1310		
.550			-.0790				
.565							-.1300
.600						-.1440	
.650					-.2470		
.700	-.1540			-.2740			
.725						-.2510	-.3000
.750			-.3510				
.760				-.3520	-.3250		
.775			-.2750				
.808							
.834	-.2010			-.4010	-.4110	-.4130	
.850			-.2920				
.857							
.865	-.2090			-.4070			-.2990
.900	-.1960		-.2920				
.905				-.3020	-.3620	-.5010	
.950			-.1690				
.953							

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A (RBML19)

AMES 11-7ft IA9 02A + S3 + T9 LOWER WING

DEPENDENT VARIABLE CP

SECTION (1)LOWER WING

MACH (1) = 1.100 BETAT (5) = 8.280

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.965	-.1760						

MACH (2) = 1.246 BETAT (1) = -8.120

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.1100	-.0910	.4370	.7470	.6700	.6580	.4390
.050				.5410	.5570	.5080	.5950
.081			.5870				
.086		.1200					
.094	.1240			.4910	.5390	.4160	.4780
.150							
.177			.4740				
.229	.1010						
.246		.4590		.3930	.4470	.4620	.4300
.250							
.362	.4120			.3970	.3840		.3540
.400							
.402			.3420				
.497	.4400			.2510	.1030		
.550							
.565			.2320				.0930
.600						.0820	
.650					-.0270		
.700	.2710			-.0070			
.725						-.0350	-.0740
.750							
.760			-.1270				
.775				-.1100	-.0940		
.800			-.1570				
.834	-.1280			-.2460	-.1850	-.1850	
.850							
.857			-.2850				
.865	-.3320			-.3140			-.0620
.900	-.4380						
.905			-.4430				
.950				-.3780	-.3150	-.2790	
.953			-.4350				
.965	-.3780						

MACH (2) = 1.230 BETAT (2) = -4.050

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.2430	-.2660	.3330	.6660	.5920	.5820	.3650
.050				.4680	.4720	.4360	.5420
.081			.5260				
.086		.0300					
.094	.0300						

TE 20 SEP 73 TABULATED PRESSURE DATA - IA9A (RBML19)

AMES 11-7ft IA9 C2A + S3 + T9 LOWER WING

DEPENDENT VARIABLE CP

SECTION (1)LOWER WING

MACH (2) = 1.250 BETAT (2) = -4.050

Y/BW	.299	.364	.427	.534	.675	.780	.887
X/CW							
.150				.4210	.4580	.3710	.4300
.177			.4170				
.229	.0170						
.246		.3960					
.250				.3080	.3790	.4180	.3680
.362	.3370						
.400				.3440	.3360		.3160
.402			.2480				
.497	.3770						
.550				.2070	.0800		
.565			.1890				
.600							.0560
.650						.0540	
.700	.2210				-.0440		
.725				-.0380			
.750						-.0570	-.0980
.760			-.1610				
.775				-.1360	-.1200		
.808			-.1840				
.834	-.1560						
.850				-.2640	-.2040	-.2070	
.857			-.3130				
.885	-.3430						
.900	-.4510			-.3330			-.1390
.905			-.4800				
.950				-.3980	-.3320	-.2970	
.953			-.4510				
.965	-.2520						

MACH (2) = 1.247 BETAT (3) = .010

Y/BW	.299	.364	.427	.534	.675	.780	.887
X/CW							
.000	-.3950	-.3780	.1690	.5650	.5170	.5100	.3290
.050				.3640	.3910	.3260	.4690
.061			.4350				
.086		-.0330					
.094	-.0990						
.150				.3300	.3510	.2590	.3650
.177			.3200				
.229	-.0450						
.246		.2890					
.250				.2030	.2520	.3540	.3410
.362	.2040						
.400				.1950	.2730		.2360
.402			.1040				
.497	.2360						

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A (RSHL19)

AMES 11-7G7 IA9 O2A + S3 + T9 LOWER WING

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (2) = 1.247 BETAT (3) = .010

Y/BW	.299	.364	.427	.534	.673	.760	.887
X/CW							
.550				.1810	.0690		
.565			.1410				.0220
.600						.0150	
.650					-.0890		
.700	.0970			-.1010			
.725						-.0970	-.1380
.750			-.2230				
.760				-.1930	-.1700		
.775			-.2490				
.806							
.834	-.2320			-.3130	-.2490	-.2470	
.850			-.3680				
.857							
.865	-.4080			-.3760			-.2080
.900	-.3560		-.5030				
.905				-.4360	-.3700	-.3360	
.950			-.4720				
.953							
.965	-.2220						

MACH (2) = 1.245 BETAT (4) = 4.120

Y/BW	.299	.364	.427	.534	.673	.760	.887
X/CW							
.000	-.4360	-.3620	.0800	.4820	.4400	.4450	.2900
.050				.2710	.3260	.3070	.4610
.081			.3020				
.086		-.0760					
.094	-.1160			.2310	.2890	.2760	.3550
.150			.1790				
.177							
.229	-.1160						
.246		.1680		.1550	.2600	.3540	.3100
.250							
.362	.1640			.1660	.2530		.2430
.400			.0900				
.402							
.497	.0420			.1060	.0130		
.550			.0910				
.565							-.0050
.600						-.0110	
.650					-.1080		
.700	.0150			-.1240			
.725						-.1160	-.1600
.750							
.760			-.2540				
.775				-.2200	-.1920		

ATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A (RBML19)

AMES 11-707 IA9 C2A + S3 + T9 LOWER WING

DEPENDENT VARIABLE CP

SECTION (1)LOWER WING

MACH (2) = 1.245 BETAT (4) = 4.120

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.808			-.2730				
.834	-.2620			-.3310	-.2700	-.2650	
.850							
.857			-.3810				
.865	-.3000			-.3950			-.1900
.900	-.1950						
.905			-.4900	-.4470	-.3080	-.3560	
.950			-.2210				
.955							
.965	-.1980						

MACH (2) = 1.244 BETAT (5) = 0.250

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.4750	-.3280	-.0070	.3800	.2850	.3490	.1590
.050				.2980	.2870	.2160	.3610
.061			.2910				
.086		.0980					
.094	-.1680			.2160	.2540	.1900	.2520
.150							
.177			.2430				
.229	-.0160						
.246		.1740		.1290	.1840	.2290	.2200
.250							
.362	.1160			.1060	.1450		.1980
.400							
.402			.0560				
.497	.1480			.0200	-.0480		
.550							
.565			-.0360				-.0530
.600						-.0670	
.650					-.1520		
.700	-.1000			-.1710			
.725						-.1640	-.2080
.750							
.760			-.2870				
.775				-.2870	-.2230		
.808			-.2080				
.834	-.1820			-.3720	-.2980	-.2980	
.850							
.857			-.2920				
.865	-.2010			-.4110			-.2221
.900	-.1730						
.905			-.3110	-.4090	-.4130	-.3780	
.950							
.955			-.2400				

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A (RBML19)

AMES 11-707 IA9 C2A + S3 + T9 LOWER WING

DEPENDENT VARIABLE CP

SECTION (1)LOWER WING

MACH (2) = 1.244 BETAT (5) = 8.230

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.965	-.1549						

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A (RBNL20) (27 APR 73)

AMES 11-707 IA9 O2A + S3 + T9 LOWER WING

REFERENCE DATA

SREF = 2.4210 SQ.FT. XMRP = 28.5300 INCHES
LREF = 39.6490 INCHES YMRP = .0000 INCHES
BREF = 39.6490 INCHES ZMRP = .0000 INCHES
SCALE = .0300 SCALE

PARAMETRIC DATA

ALPHAT = 0.000 ORBINC = .900
RUDDER = -5.000 ELEVON = .000
RUDFLR = .000

SECTION (1)LOWER WING

MACH (1) = 1.101 BETAT (1) = -0.180

DEPENDENT VARIABLE CP

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.2510	-.2850	.2860	.6080	.5030	.4330	.1390
.050				.6170	.6240	.5080	.6410
.081			.6280				
.086		.2330					
.094	.0880			.5270	.5750	.4740	.4840
.150			.5060				
.177							
.229	.1970						
.246		.4980		.4160	.4570	.4570	.4700
.250							
.362	.4440			.3650	.3560		.3170
.400			.3360				
.402							
.497	.4480			.1700	.0240		
.550			.1710				
.565							.0620
.800						.0180	
.650					-.1150		
.700	.2130			-.1210			
.725						-.1080	-.1490
.750							
.760			-.2880				
.775				-.2360	-.1910		
.806			-.2850				
.834	-.2730						
.850				-.3690	-.2940	-.2790	
.857			-.4480				
.865	-.5090						
.900	-.6150			-.4690			-.1230
.905			-.6100				
.950				-.5250	-.4380	-.3840	
.953			-.2210				
.965	-.1840						

MACH (1) = 1.101 BETAT (2) = -4.070

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.4390	-.4980	.1740	.5390	.4620	.4160	.0950
.050				.5290	.5380	.5150	.5790
.081			.5470				
.086		.1220					
.094	.0110						

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A (RBML20)

AMES 11-707 IA9 O2A + S3 + T9 LOWER WING

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (1) = 1.101 BETAT (2) = -4.070

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.150				.4430	.5080	.4220	.4300
.177			.4200				
.229	.1290						
.246		.3990					
.250				.3350	.3930	.4030	.3600
.362	.3480						
.400				.3070	.3040		.2790
.402			.2600				
.497	.3470						
.550				.1220	-.0240		
.565			.1100				.0120
.600						-.0160	
.650					-.1460		
.700	.1300			-.1650			
.725						-.1460	-.1800
.750							
.760			-.3340				
.775				-.2760	-.2280		
.806			-.3330				
.834	-.3300						
.850				-.4170	-.3260	-.3130	
.857			-.4060				
.865	-.5070						
.900	-.2680			-.5000			-.1710
.905			-.6290				
.950				-.3600	-.4660	-.4170	
.953			-.2060				
.965	-.1210						

MACH (1) = 1.099 BETAT (3) = .020

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.5940	-.5120	.0940	.4740	.4140	.3610	.0810
.050				.4110	.4490	.4360	.5280
.081			.4390				
.086		.0640					
.094	-.0290						
.150				.3410	.4230	.3630	.3630
.177			.3120				
.229	.0750						
.246		.2930					
.250				.2360	.3270	.3550	.3180
.362	.2491						
.400				.2350	.2520		.2440
.402			.1710				
.497	.2160						

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A (RBHL20)

AMES 11-707 IA9 C2A + S3 + T9 LOWER WING

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (1) = 1.099 BETAT (3) = .020

Y/B / X/C	.299	.364	.427	.534	.675	.760	.887
.550				.0660	-.0620		
.565			.0360				-.0300
.600						-.0550	
.650					-.1690		
.700	.0450			-.2150			
.725						-.1620	-.2120
.750							
.760			-.3690				
.775				-.3250	-.2780		
.808			-.3610				
.834	-.3500						
.850				-.4540	-.3630	-.3530	
.857			-.4700				
.865	-.2420						
.900	-.2160			-.3290			-.2120
.905			-.3460				
.950				-.1580	-.4980	-.4520	
.953			-.1080				
.965	-.0880						

MACH (1) = 1.100 BETAT (4) = 4.160

Y/B / X/C	.299	.364	.427	.534	.675	.760	.887
.000	-.3810	-.3680	-.0080	.4050	.3700	.3520	.0360
.050				.3630	.3620	.3760	.4760
.081			.3110				
.086		.0900					
.094	-.1280						
.150				.2620	.3560	.3120	.3360
.177			.2160				
.229	.0990						
.246		.1690					
.250				.1740	.2860	.3110	.2810
.362	.1460						
.400				.1650	.2000		.2110
.402			.1080				
.497	.1070						
.550				.0160	-.0890		
.565			-.0080				
.600							-.0620
.650						-.0860	
.700	-.0190				-.2210		
.725				-.2470			
.750						-.2130	-.2460
.760			-.4160				
.775				-.3590	-.3060		

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A

AMES 11-707 IA9 C2A + S3 + T9 LOWER WING (RBWL20)

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (1) = 1.100 BETAT (4) = 4.160

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.808			-.3980				
.834	-.3720						
.850				-.4770	-.3940	-.3830	
.857			-.3520				
.865	-.2200						-.2450
.900	-.2060			-.5390			
.905			-.3330				
.950				-.2050	-.5210	-.4810	
.953			-.1390				
.965	-.1290						

MACH (1) = 1.099 BETAT (5) = 8.300

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.6660	-.2690	-.1510	.1300	.1910	.2400	-.0590
.050				.2750	.3160	.3110	.4340
.081			.3150				
.086		-.0100					
.094	-.2400						
.150				.2110	.2780	.2390	.2960
.177			.2180				
.229	.0500						
.246		.1550					
.250				.1200	.2070	.2520	.2410
.362	.1010						
.400				.1170	.1360		.2090
.402			.0240				
.497	.0780						
.550				-.0350	-.1340		
.565			-.0880				
.600							-.0940
.650						-.1290	
.700	-.1540				-.2550		
.725				-.2770			
.750						-.2460	-.2760
.760			-.3410				
.775				-.3170	-.3280		
.808			-.2510				
.834	-.1970						
.850				-.3680	-.4040	-.4090	
.857			-.2540				
.865	-.2040						
.900	-.1910			-.3730			-.2750
.905			-.2600				
.950				-.2650	-.4770	-.4930	
.953			-.1970				

ATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A (RBML20)

AMES 11-707 IA9 C2A + S3 + T9 LOWER WING

DEPENDENT VARIABLE CP

SECTION (1)LOWER WING

MACH (1) = 1.099 BETAT (5) = 8.300

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.965	-.1660						

MACH (2) = 1.246 BETAT (1) = -8.110

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.1260	-.1590	.3690	.7170	.6310	.6000	.3340
.050				.6080	.6310	.5990	.6760
.081			.6260				
.086		.1690					
.094	.1450			.5360	.5990	.5010	.5370
.150							
.177			.5120				
.229	.1450						
.246		.4870		.4320	.4090	.5150	.4760
.250							
.362	.4290			.4190	.4210		.3850
.400							
.402			.3700				
.497	.4510			.2610	.1190		
.550							
.563			.2480				.1360
.600						.1130	
.650					-.0150		
.700	.2880			.0020			
.725						-.0080	-.0490
.750							
.760			-.1220				
.775				-.0980	-.0740		
.806			-.1480				
.834	-.1240			-.2340	-.1680	-.1610	
.850							
.857			-.2780				
.865	-.3280			-.3030			-.0310
.900	-.4280						
.905			-.4190				
.950				-.3600	-.2970	-.2560	
.953			-.4040				
.965	-.3570						

MACH (2) = 1.246 BETAT (2) = -4.040

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.2990	-.3210	.2430	.6350	.5680	.5370	.2650
.050				.5370	.5800	.5350	.6300
.081			.5610				
.086		.0580					
.094	.0410						

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A

AMES 11-707 IA9 O2A + S3 + T9 LOWER WING (RBML20)

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (2) = 1.248 BETAT (2) = -4.040

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.150				.4690	.5150	.4670	.4940
.177			.4450				
.229	.0540						
.246		.4010					
.250				.3560	.4410	.4790	.4410
.362	.3410						
.400				.3770	.3760		.3640
.402			.3030				
.497	.3810						
.550				.2280	.0990		
.565			.1970				
.600						.0900	.0980
.650					-.0290		
.700	.2170						
.725				-.0250			
.750						-.0290	-.0660
.760			-.1570				
.775				-.1270	-.0960		
.808			-.1830				
.834	-.1650						
.850				-.2590	-.1900	-.1840	
.857			-.3100				
.865	-.3590						
.900	-.4330			-.3260			-.0810
.905			-.4430				
.950				-.3850	-.3190	-.2770	
.953			-.4310				
.965	-.2470						

MACH (2) = 1.245 BETAT (3) = .010

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.4150	-.3690	.0570	.5180	.4760	.4680	.2080
.050				.4390	.4630	.4430	.5640
.081			.4710				
.086		.0360					
.094	-.0220						
.150				.3690	.4010	.3950	.4320
.177			.3370				
.229	.0100						
.246		.2840					
.250				.2390	.3610	.4190	.3830
.362	.2120						
.400				.3040	.3080		.3160
.402			.1760				
.497	.2460						

AMES 11-707 IA9 O2A + S3 + T9 LOWER WING (RBML20)

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (2) = 1.245 BETAT (3) = .010

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.550				.1410	.0560		
.565			.1130				
.600							.0540
.650						.0370	
.700	.1190				-.0740		
.725				-.0910			
.750						-.0750	-.1100
.760			-.2240				
.775				-.1890	-.1530		
.808			-.2470				
.834	-.2280						
.850				-.3080	-.2530	-.2250	
.857			-.3640				
.865	-.4070						
.900	-.2130			-.3750			-.1530
.905			-.4900				
.950				-.4290	-.3560	-.3170	
.953			-.4390				
.965	-.1690						

MACH (2) = 1.245 BETAT (4) = 4.130

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.4370	-.3950	-.0050	.4270	.4040	.4420	.1900
.050				.3230	.3970	.4040	.3290
.081			.3120				
.086		.0280					
.094	-.0940						
.150				.2730	.3630	.3330	.4010
.177			.2020				
.229	-.0670						
.246		.1600					
.250				.1770	.3220	.3660	.3560
.362	.1470						
.400				.2210	.2720		.2640
.402			.1210				
.497	.0490						
.550				.1000	.0170		
.565			.0660				
.600							.0340
.650						.0080	
.700	.0670				-.1040		
.725				-.1280			
.750						-.0970	-.1360
.760			-.2600				
.775				-.2210	-.1900		

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A

AMES 11-7U7 IA9 C2A + S3 + T9 LOWER WING (RBML20)

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (2) = 1.245 BETAT (4) = 4.130

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.808			-.2740				
.834	-.2570						
.850				-.3330	-.3590	-.2510	
.857			-.3810				
.865	-.2360						
.900	-.1670			-.3960			-.1630
.905			-.3150				
.950				-.4370	-.3870	-.3470	
.953			-.2400				
.965	-.1860						

MACH (2) = 1.243 BETAT (5) = 7.210

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.4700	-.3930	-.0650	.2860	.3400	.3570	.1340
.050				.3230	.3490	.3160	.4670
.081			.3070				
.086		.0620					
.094	-.1550						
.150				.2680	.3020	.2740	.3430
.177			.2500				
.229	-.0300						
.246		.1730					
.250				.1610	.2330	.3180	.3040
.362	.1190						
.400				.1650	.2080		.2450
.402			.0530				
.497	.1600						
.550				.0760	-.0310		
.565			.0240				
.600							.0000
.650						-.0320	
.700	-.0680				-.1450		
.725				-.1650			
.750						-.1430	-.1700
.760			-.3000				
.775				-.2540	-.2210		
.808			-.2830				
.834	-.1770						
.850				-.3590	-.2960	-.2840	
.857			-.2720				
.865	-.1800						
.900	-.1620			-.3900			-.1860
.905			-.2920				
.950				-.3800	-.4110	-.3750	
.953			-.2540				

\TE 20 SEP 73 TABULATED PRESSURE DATA - IA9A (RBML20)

AMES 11-7?7 IA9 O2A + S3 + T9 LOWER WING

DEPENDENT VARIABLE CP

SECTION (1)LOWER WING

	Y/BW	.299	.364	.427	.534	.673	.760	.887
MACH (2) = 1.243 BETAT (3) = ?.210	X/CW							
	.965	-.1510						

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A (RBML21) (27 APR 73)

AMES 11-7ft IA9 02A + S3 + T9 LOWER WING

REFERENCE DATA

SREF = 2.4210 SQ.FT. XMRP = 26.5300 INCHES
LREF = 39.8490 INCHES YMRP = .0000 INCHES
BREF = 39.8490 INCHES ZMRP = .0000 INCHES
SCALE = .0300 SCALE

PARAMETRIC DATA

ALPHAT = -8.000 ORBINC = .500
RUDDEF = -15.000 ELEVON = .000
RUDFLR = .000

SECTION (1)LOWER WING

DEPENDENT VARIABLE CP

MACH (1) = 1.100 BETAT (1) = -9.170

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.0920	-.2540	.4880	.6825	.6220	.5830	.5400
.050				-.1020	-.2530	-.6750	-.5210
.081			.1620				
.086		-.0560					
.094	-.1740						
.150				.1330	-.1310	-.1860	-.4270
.177			.1640				
.229	-.10[illegible]						
.246		.2420					
.250				.0240	-.0720	-.0440	-.3040
.362	.2970						
.400				.0160	-.0160		-.0550
.402			.0200				
.497	.2950						
.550				-.1140	-.2170		
.565			-.0960				
.600							-.1690
.650						-.2630	
.700	-.0970				-.3450		
.725				-.3260			
.750						-.3610	-.3850
.760			-.3830				
.775				-.3820	-.4270		
.808			-.3850				
.834	-.3560						
.850				-.4950	-.4720	-.4970	
.857			-.5650				
.865	-.5580						
.940	-.5170			-.5630			-.3610
.965			-.2920				
.950				-.2970	-.4800	-.2750	
.953			-.2580				
.965	-.2160						

MACH (1) = 1.104 BETAT (2) = -4.080

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.1710	-.3100	.4140	.5870	.5250	.4670	.4130
.050				-.1860	-.3930	-.7110	-.6140
.081			.1230				
.086		-.1100					
.094	-.2170						

TE 20 SEP 73 TABULATED PRESSURE DATA - IA9A (RBML21)

AMES 11-707 IA9 02A + S3 + T9 LOWER WING

DEPENDENT VARIABLE CP

SECTION (1)LOWER WING

MACH (1) = 1.104 BETAT (2) = -4.080

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.150				.0290	-.2020	-.2560	-.5550
.177			.1030				
.229	-.1250						
.246		.1920		-.0350	-.1190	-.1550	-.4440
.250							
.362	.2480			-.0850	-.0930		-.0950
.400							
.402			-.0860				
.497	.2080			-.1740	-.2700		
.550							
.565			-.1810				-.2080
.600						-.3040	
.650					-.3970		
.700	-.2020			-.4080			
.725						-.3970	-.3990
.750							
.760			-.4360				
.775				-.4680	-.4770		
.806			-.4280				
.834	-.3800			-.3340	-.5370	-.5320	
.850							
.857			-.5600				
.865	-.3930			-.2630			-.3060
.900	-.3920						
.905			.2510				
.950				-.2310	-.2620	-.5390	
.953			-.2440				
.965	-.1870						

MACH (1) = 1.099 BETAT (3) = .020

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.2610	-.3600	.3430	.4910	.4120	.3260	.2660
.050				-.2230	-.4920	-.7750	-.7030
.081			.1070				
.086		.0400					
.094	-.2760			-.0620	-.2630	-.3650	-.6490
.150							
.177			.0340				
.229	.0070						
.246		.1540		-.1150	-.1730	-.2490	-.5710
.250							
.362	.1770			-.1710	-.1720		-.1100
.400							
.402			-.1550				
.497	.1050						

DATE 2[illegible] SEP 73 TABULATED PRESSURE DATA - IA9A

AMES 11-707 IA9 O2A + S3 + T9 LOWER WING (RBML21)

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (1) = 1.099 BETAT (3) = .020

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.550				-.2670	-.3520		
.565			-.2570				
.600							-.2670
.650						-.3640	
.700	-.2890				-.4550		
.725				-.4440			
.750						-.4520	-.4450
.760			-.4910				
.775				-.4840	-.5300		
.808			-.4750				
.834	-.[illegible]440						
.850				-.4470	-.5850	-.5570	
.857			-.6060				
.865	-.3760						
.900	-.3670			-.2300			-.4450
.905			-.2750				
.950				-.2290	-.2730	-.3970	
.953			-.2100				
.965	-.1980						

MACH (1) = 1.101 BETAT (4) = 4.150

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.3500	-.3930	.3060	.4110	.3020	.1920	.1220
.050				-.2480	-.6000	-.8420	-.7820
.081			.0970				
.086		.0460					
.094	-.2490						
.150				-.1620	-.3590	-.4850	-.7210
.177			-.0540				
.229	.0420						
.246		.1300					
.250				-.1930	-.2220	-.3340	-.6730
.362	.1450						
.400				-.2050	-.2050		-.1440
.402			-.1910				
.497	-.0710						
.550				-.2700	-.3570		
.565			-.2480				
.600							-.2900
.650						-.3630	
.700	-.2430				-.4610		
.725				-.4090			
.750						-.4490	-.4360
.760			-.5050				
.775				-.4950	-.5080		

ATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A (RBNL21)

AMES 11-707 IA9 02A + S3 + T9 LOWER WING

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (1) = 1.101 BETAT (4) = 4.150

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.808			-.4840				
.834	-.3590						
.850				-.5710	-.5500	-.5580	
.857			-.4340				
.865	-.2950						
.900	-.2850			-.3070			-.4410
.905			-.3720				
.950				-.2750	-.2780	-.5180	
.953			-.2590				
.965	-.2210						

MACH (1) = 1.100 BETAT (5) = 8.300

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.4780	-.3840	.2610	.3990	.2170	.0650	-.0170
.050				-.1850	-.5160	-.6620	-.7070
.081			.0980				
.086		.0920					
.094	-.2840						
.150				-.1140	-.1050	-.4240	-.7080
.177			.0090				
.229	-.0240						
.246		.0980					
.250				-.1650	-.2420	-.4240	-.7370
.362	.0720						
.400				-.2080	-.2160		-.1080
.402			-.2010				
.497	.0370						
.550				-.2760	-.3440		
.565			-.2680				
.600							-.3030
.650						-.3780	
.700	-.2420				-.4640		
.725				-.4430			
.750						-.4550	-.4480
.760			-.4530				
.775				-.5040	-.5200		
.808			-.3410				
.834	-.2800						
.850				-.5110	-.5740	-.5660	
.857			-.3440				
.865	-.2480						
.900	-.2870			-.4440			-.4580
.905			-.3220				
.950				-.2140	-.2870	-.2980	
.953			-.3340				

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A

AMES 11-707 IA9 O2A + S3 + T9 LOWER WING (RBML21)

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (1) = 1.100 BETAT (5) = 8.300

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.965	-.2690						

MACH (2) = 1.245 BETAT (1) = -8.120

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.0020	-.0720	.2860	.6670	.6310	.6020	.6050
.050				-.3890	-.4020	-.4560	-.3920
.081			.1460				
.086		-.0910					
.094	-.0560						
.150				.1120	-.2150	-.1090	-.3540
.177			.0220				
.229	-.0640						
.246		.0180					
.250				.1240	.1350	-.0250	-.2720
.362	-.0370						
.400				.1150	.0880		-.0030
.402			.1070				
.497	.3090						
.550				-.0010	-.0910		
.565			.0110				
.600							-.0710
.650						-.1580	
.700	.0030				-.2520		
.725				-.2180			
.750						-.2390	-.2450
.760			-.2410				
.775				-.2870	-.3020		
.808			-.2510				
.834	-.1860						
.850				-.3530	-.3590	-.3570	
.857			-.3760				
.865	-.3780						
.900	-.4850			-.3690			-.2520
.905			-.5010				
.950				-.4620	-.4410	-.4260	
.953			-.5370				
.965	-.3930						

MACH (2) = 1.252 BETAT (2) = -4.050

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.040	-.0760	-.1620	.1400	.5420	.5150	.4680	.4960
.050				-.4860	-.4490	-.4980	-.4580
.081			-.1210				
.086		-.1560					
.094	-.1290						

.TE 20 SEP 73 TABULATED PRESSURE DATA - IA9A

AMES 11-707 IA9 O2A + S3 + T9 LOWER WING (RBML21)

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (2) = 1.252 BETAT (2) = -4.050

Y/BW	.299	.364	.427	.534	.675	.780	.887
X/CW							
.150				-.1110	-.3390	-.1880	-.4050
.177			.0250				
.229	-.1520						
.246		-.0880					
.250				.0720	.0500	-.1100	-.3440
.362	-.0920						
.400				.0210	.0310		-.1010
.402			.0240				
.497	.2210						
.550				-.0710	-.1530		
.565			-.0550				
.600							-.1110
.650						-.2110	
.700	-.0790				-.2680		
.725				-.2730			
.750						-.2700	-.2890
.760			-.3170				
.775				-.3340	-.3400		
.808			-.2940				
.834	-.2580						
.850				-.4130	-.3810	-.3780	
.857			-.3880				
.885	-.4130						
.900	-.5030			-.4.380			-.2780
.905			-.5180				
.950				-.4870	-.4710	-.4550	
.953			-.4440				
.965	-.3780						

MACH (2) = 1.250 BETAT (3) = .080

Y/BW	.299	.364	.427	.534	.675	.780	.887
X/CW							
.000	-.1540	-.1950	.0180	.4170	.4250	.3780	.3810
.050				-.4240	-.4050	-.5520	-.5030
.081			-.0520				
.086		-.1820					
.094	-.1590						
.150				.0280	-.3520	-.2550	-.4600
.177			-.0280				
.229	-.1770						
.246		-.0560					
.250				-.0070	-.0020	-.1960	-.4120
.362	-.0590						
.400				-.0630	-.0520		-.1180
.402			-.0590				
.497	.1420						

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A (RBML21)

AMES 11-707 IA9 O2A + S3 + T9 LOWER WING

DEPENDENT VARIABLE CP

SECTION (1)LOWER WING

MACH (2) = 1.250 BETAT (3) = .020

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.550				-.1640	-.2090		
.565			-.1550				-.1800
.600						-.2430	
.650					-.3380		
.700	-.1620			-.3280			
.725						-.3300	-.3370
.750			-.3710				
.760				-.3870	-.3990		
.775			-.3450				
.808							
.834	-.2700			-.4660	-.4440	-.4370	
.850			-.4420				
.857							
.865	-.4440			-.4770			-.3460
.900	-.3920		-.5510				
.905				-.5210	-.5170	-.5130	
.950			-.3830				
.953							
.965	-.3830						

MACH (2) = 1.246 BETAT (4) = 4.130

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.2510	-.2330	-.0050	.3930	.3450	.2700	.2650
.067				-.3190	-.4790	-.6010	-.5860
.081			-.0260				
.086		-.2330					
.094	-.1920			-.1010	-.2890	-.3620	-.5620
.150							
.177			.0310				
.229	-.1910						
.246		.0750					
.250				-.1630	-.2050	-.2810	-.5020
.362	.0460						
.400				-.1400	-.1440		-.2040
.402			-.1280				
.497	-.0110			-.2370	-.2590		
.550							
.565			-.2010				-.1840
.600						-.2820	
.650					-.3810		
.700	-.2070			-.3450			
.725						-.3590	-.3330
.750							
.760			-.3660				
.775				-.4030	-.4280		

ATE 25 SEP 73 TABULATED PRESSURE DATA - IA9A

AMES 11-707 IA9 C2A + S3 + T9 LOWER WING (RBNL21)

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (2) = 1.246 BETAT (4) = 4.130

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.808			-.3740				
.834	-.3090						
.850				-.4710	-.4630	-.4440	
.857			-.4860				
.865	-.2900						
.900	-.2600			-.5160			-.3480
.905			-.4130				
.950				-.2460	-.4720	-.4980	
.953			-.3080				
.965	-.2220						

MACH (2) = 1.247 BETAT (5) = 0.260

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.3620	-.2840	.1400	.4080	.2880	.1680	.1470
.050				-.2380	-.5190	-.6180	-.5780
.081			.1080				
.086		-.2190					
.094	-.2250						
.150				-.1540	-.1720	-.3720	-.5610
.177			-.0120				
.229	-.2240						
.246		.1320					
.250				-.1340	-.1930	-.3720	-.5340
.382	-.0090						
.400				-.1570	-.1670		-.0510
.402			-.1740				
.497	-.0140						
.550				-.2220	-.2880		
.565			-.2170				
.600							-.2510
.650						-.3160	
.700	-.2190				-.3980		
.725				-.3700			
.750						-.3840	-.3740
.760			-.4390				
.775				-.4340	-.4580		
.808			-.4130				
.834	-.2630						
.850				-.5190	-.4900	-.4660	
.857			-.3810				
.865	-.2790						
.900	-.2670			-.5390			-.3080
.905			-.3420				
.950				-.3260	-.5460	-.5390	
.953			-.3310				

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A

AMES 11-707 IA9 C2A + S3 + T9 LOWER WING (RBML21)

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (2) = 1.247 BETAT (5) = 8.260

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.965	-.2310						

DATE 25 SEP 73 TABULATED PRESSURE DATA - IA9A

AMES 11-707 IA9 02A + S3 + T9 LOWER WING (RBML22) (27 APR 73)

REFERENCE DATA

SREF = 2.4210 SQ.FT. XMRP = 28.5300 INCHES
LREF = 39.8490 INCHES YMRP = .0000 INCHES
BREF = 39.8490 INCHES ZMRP = .0000 INCHES
SCALE = .0300 SCALE

PARAMETRIC DATA

ALPHAT = -6.000 ORBINC = .500
RUDDER = -10.000 ELEVON = .000
RUDFLR = .000

SECTION (1)LOWER WING

DEPENDENT VARIABLE CP

MACH (1) = 1.101 BETAT (1) = -8.190

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.1130	-.1760	.5360	.7340	.6770	.6510	.6020
.030				-.0320	-.1500	-.3120	-.4120
.081			.2240				
.086		-.0470					
.094	-.1720						
.150				.1790	.0380	-.0970	-.1290
.177			.2080				
.229	-.0770						
.246		.2080					
.250				.0640	.0090	.0430	-.0220
.369	.3110						
.400				.0680	.0360		-.0150
.402			.0900				
.497	.3100						
.550				-.0670	-.1750		
.565			-.0690				
.600							-.1910
.650						-.2370	
.700	-.0700				-.3100		
.725				-.2510			
.750						-.3290	-.3740
.760			-.3720				
.775				-.3490	-.3730		
.818			-.3670				
.834	-.3490						
.850				-.4080	-.4240	-.4730	
.857			-.5480				
.865	-.5610						
.900	-.4940			-.5610			-.3540
.905			-.3380				
.950				-.3280	-.3270	-.3600	
.953			-.2480				
.965	-.2220						

MACH (1) = 1.107 BETAT (2) = -4.080

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.1660	-.2130	.4510	.6420	.5690	.5420	.4950
.050				-.0920	-.2540	-.6170	-.5190
.081			.1720				
.086		-.0530					
.094	-.2070						

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A (RBML22)

AMES 11-707 IA9 O2A + S3 + T9 LOWER WING

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (1) = 1.097 BETAT (2) = -4.080

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.150				.0830	-.0430	-.1650	-.2720
.177			.1280				
.229	-.1400						
.246		.2130					
.250				-.0100	-.0930	-.0720	-.1800
.362	.2530						
.400				-.0300	-.0460		-.0470
.402			-.0440				
.497	.2180						
.550				-.1570	-.2270		
.565			-.1590				
.600							-.2210
.650						-.2800	
.700	-.1930				-.3750		
.725				-.3770			
.750						-.3850	-.4050
.760			-.4190				
.775				-.4210	-.4560		
.806			-.4240				
.834	-.3950						
.850				-.5150	-.5170	-.5280	
.857			-.3980				
.865	-.5960						
.900	-.3120			-.3350			-.3880
.905			-.2030				
.950				-.2050	-.3070	-.5530	
.953			-.1950				
.965	-.1690						

MACH (1) = 1.098 BETAT (3) = .020

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.2840	-.2520	.3630	.5470	.4700	.4230	.3780
.050				-.1420	-.3510	-.6770	-.5830
.081			.1390				
.086		.0430					
.094	-.2170						
.150				-.0180	-.0870	-.2210	-.4020
.177			.0610				
.229	.0290						
.246		.1630					
.250				-.0820	-.1550	-.1580	-.3420
.362	.1830						
.400				-.1480	-.1430		-.0740
.402			-.1490				
.497	.1150						

AMES 11-707 IA9 02A + 53 + 19 LOWER WING

SECTION (1):LOWER WING

DEPENDENT VARIABLE CP

MACH (1) = 1.098 BETAT (3) = .020

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.550				-.2030	-.2950		
.565			-.2370				-.2600
.600						-.3160	
.650					-.4100		
.700	-.2810			-.3940			
.725						-.4070	-.4300
.750							
.760			-.4670				
.775				-.4390	-.4970		
.808			-.4580				
.834	-.4400						
.850				-.5540	-.5370	-.5470	
.857			-.5060				
.865	-.3590						
.900	-.3420			-.2170			-.3940
.905			-.2430				
.950				-.2000	-.2720	-.4240	
.953			-.2050				
.965	-.1900						

MACH (1) = 1.100 BETAT (4) = 4.140

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.3960	-.2710	.3160	.4790	.3780	.2980	.2430
.050				-.1620	-.4910	-.7450	-.6190
.081			.1200				
.086		.0720					
.094	-.2510						
.150				-.1180	-.1420	-.2900	-.5620
.177			-.0260				
.229	.0540						
.246		.1320					
.250				-.1410	-.1790	-.2160	-.4090
.362	.1480						
.410				-.1800	-.1710		.0250
.402			-.1640				
.497	-.0650						
.550				-.2370	-.3010		
.565			-.2250				
.600							-.2550
.650						-.3270	
.700	-.2070				-.3920		
.725				-.3630			
.750						-.4050	-.4250
.760			-.4950				
.775				-.4770	-.4570		

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A

AMES 11-707 IA9 02A + S3 + T9 LOWER WING (RBML22)

DEPENDENT VARIABLE CP

SECTION (1)LOWER WING

MACH (1) = 1.100 BETAT (4) = 4.140

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.858			-.4650				
.834	-.3130						
.850				-.5900	-.5200	-.5190	
.857			-.3910				
.865	-.2830						
.900	-.2620			-.2940			-.4170
.905			-.3610				
.950				-.2390	-.3260	-.5730	
.953			-.2220				
.965	-.2120						

MACH (1) = 1.099 BETAT (5) = 0.280

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.5480	-.2120	.3090	.4310	.2990	.1980	.1290
.050				-.1230	-.3590	-.7770	-.5960
.081			.1230				
.086		.0630					
.094	-.2820						
.150				-.0690	-.1050	-.2870	-.5940
.177			.0290				
.229	-.0150						
.246		.1100					
.250				-.1300	-.2130	-.2350	-.4310
.362	.0720						
.400				-.1680	-.1680		-.0510
.402			-.1920				
.497	.0480						
.550				-.2460	-.3050		
.565			-.2600				
.600							-.2780
.650						-.3480	
.700	-.2290				-.4190		
.725				-.4080			
.750						-.4290	-.4210
.760			-.4420				
.775				-.4790	-.4810		
.808			-.3320				
.834	-.2710						
.850				-.4830	-.5380	-.5320	
.857			-.3250				
.865	-.2710						
.900	-.2660			-.4310			-.4180
.905			-.3050				
.950				-.2270	-.2610	-.4140	
.953			-.3200				

AMES 11-707 IA9 02A + S3 + T9 LOWER WING

DEPENDENT VARIABLE CP

SECTION (1)LOWER WING

MACH (1) = 1.099 BETAT (5) = 8.280

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.965	-.2580						

MACH (2) = 1.247 BETAT (1) = -8.140

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	.0000	-.0195	.3200	.6990	.6830	.6910	.6650
.050				-.2850	-.1050	-.3780	-.3180
.081			.1790				
.086		-.0690					
.094	-.0470			.2740	.0070	-.0070	-.2200
.150			.1680				
.177							
.229	-.0810						
.246		.0030		.1780	.0680	.0770	-.0450
.250							
.362	-.0550			.1400	.1230		.1530
.400			.1450				
.402							
.497	.3480			.0260	-.0560		
.550			.0320				
.565							-.0740
.600						-.1240	
.650					-.1930		
.700	.0350			-.1800			
.725						-.2150	-.2420
.750			-.2150				
.760				-.2540	-.2720		
.775			-.2510				
.808							
.834	-.1830			-.3110	-.3330	-.3400	
.850			-.3570				
.857							
.865	-.3720			-.3610			-.2530
.900	-.4790		-.4820				
.905				-.4440	-.4070	-.4050	
.950			-.5230				
.953							
.965	-.4140						

MACH (2) = 1.247 BETAT (2) = -4.080

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.0740	-.1150	.1870	.6080	.5830	.5800	.5700
.050				-.3360	-.2230	-.4450	-.3850
.081			.0170				
.086		-.1490					
.094	-.1240						

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A

AMES 11-7X7 IA9 C2A + S3 + T9 LOWER WING (RBML22)

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (2) = 1.247 BETAT (2) = -4.060

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.150				.1470	-.1160	-.0960	-.2870
.177			.1440				
.229	-.1490						
.246		-.0840					
.250				.0860	.0130	-.0130	-.1580
.362	-.1010						
.400				.0380	.0480		.0890
.402			.0460				
.497	.2620						
.550				-.0310	-.1020		
.565			-.0370				
.600							-.1180
.650						-.1490	
.710	-.0540				-.2410		
.725				-.2330			
.750						-.2480	-.2630
.760			-.2840				
.775				-.3060	-.3160		
.808			-.2660				
.834	-.2200						
.850				-.3780	-.3740	-.3680	
.857			-.3910				
.865	-.4000						
.900	-.5040			-.4000			-.2790
.905			-.5140				
.950				-.4730	-.4540	-.4430	
.953			-.4110				
.965	-.3420						

MACH (2) = 1.250 BETAT (3) = .020

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.144	-.1690	-.1530	.1160	.5350	.4920	.4690	.4650
.150				-.2870	-.2960	-.4860	-.4280
.161			.1430				
.186		-.1750					
.194	-.1710						
.150				.0580	-.0990	-.1660	-.3410
.177			.0890				
.229	-.1790						
.246		.0570					
.250				-.0060	-.0420	-.0910	-.2530
.362	-.0670						
.400				-.0350	-.0240		.0670
.402			-.0320				
.497	.1720						

DATE 24 SEP 73 TABULATED PRESSURE DATA - IA9A (RBML22)

AMES 11-707 IA9 C2A + S3 + T9 LOWER WING

DEPENDENT VARIABLE CP

SECTION (1)LOWER WING

MACH (2) = 1.250 BETAT (3) = .020

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.550				-.1340	-.1690		
.565			-.1340				-.1700
.600						-.2210	
.650					-.3040		
.700	-.1440			-.2950			
.725						-.3080	-.3200
.750			-.3440				
.760				-.3600	-.3600		
.775			-.3220				
.808							
.834	-.2690			-.4320	-.4150	-.4190	
.850			-.4250				
.857							
.865	-.4400			-.4490			-.3390
.900	-.3600		-.5430				
.905				-.5070	-.5010	-.4800	
.950			-.3770				
.955							
.965	-.3670						

MACH (2) = 1.250 BETAT (4) = 4.120

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.2820	-.1770	.1510	.4680	.4000	.3580	.3610
.060				-.2040	-.3930	-.5410	-.4910
.081			.0900				
.086		-.2000					
.094	-.1930			-.0810	-.0830	-.2180	-.4240
.150			.0420				
.177							
.229	-.2060						
.246		.1190		-.1230	-.1480	-.1870	-.3230
.250							
.362	.0780			-.0740	-.0800		.0320
.400			-.0750				
.402							
.497	-.0010			-.1910	-.2290		
.550			-.1760				
.565							-.1670
.600						-.2300	
.650					-.3290		
.700	-.1930			-.3170			
.725						-.3070	-.3190
.750			-.3530				
.760				-.3710	-.3710		
.775							

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A (RBML22)

AMES 11-707 IA9 O2A + S3 + T9 LOWER WING

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (2) = 1.250 BETAT (4) = 4.120

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.808			-.3570				
.834	-.3120						
.850				-.4380	-.4140	-.3990	
.857			-.4760				
.865	-.2930						
.900	-.2500			-.4780			-.3330
.905			-.4260				
.950				-.2630	-.4810	-.4750	
.953			-.2980				
.965	-.2120						

MACH (2) = 1.249 BETAT (5) = 8.230

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.4150	-.2550	.2660	.4370	.3200	.2580	.2360
.050				-.2040	-.4250	-.5650	-.4740
.081			.1230				
.086		-.1310					
.094	-.2360						
.150				-.0830	-.0240	-.2440	-.4730
.177			.0210				
.229	-.2350						
.246		.1590					
.250				-.1040	-.1480	-.2080	-.3490
.362	.0450						
.400				-.1160	-.1160		-.0030
.402			-.1400				
.497	-.0610						
.550				-.1890	-.2270		
.565			-.1960				
.600							-.2260
.650						-.2640	
.700	-.1990				-.3560		
.725				-.3500			
.750						-.3560	-.3540
.760			-.4130				
.775				-.4060	-.4150		
.808			-.4080				
.834	-.2690						
.850				-.4870	-.4530	-.4470	
.857			-.4300				
.865	-.2910						
.900	-.2530			-.5270			-.3700
.905			-.3630				
.950				-.3750	-.5190	-.5110	
.953			-.3010				

TE 26 SEP 73 TABULATED PRESSURE DATA - IA9A (RBML22)

AMES 11-707 IA9 O2A + S3 + T9 LOWER WING

DEPENDENT VARIABLE CP

SECTION (1)LOWER WING

MACH (2) = 1.249 BETAT (5) = 8.230

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.965	-.2140						

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A (RBML23) (27 APR 73)

AMES 11-707 IA9 O2A + S3 + T9 LOWER WING

REFERENCE DATA

SREF = 2.4210 SQ.FT. XMRP = 28.5300 INCHES
LREF = 39.8490 INCHES YMRP = .0000 INCHES
BREF = 39.8490 INCHES ZMRP = .0000 INCHES
SCALE = .0300 SCALE

PARAMETRIC DATA

ALPHAT = -4.000 ORBINC = .500
RUDDER = -10.000 ELEVON = .000
RUDFLR = .000

SECTION (1)LOWER WING

MACH (1) = 1.099 BETAT (1) = -8.200

DEPENDENT VARIABLE CP

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.1170	-.1000	.5560	.7650	.7080	.6910	.6490
.050				.0990	.0280	-.2190	-.2360
.081			.3000				
.086		-.0240					
.094	-.1450						
.150				.2200	.1030	-.0050	.0600
.177			.2550				
.229	-.0670						
.246		.3030					
.250				.1110	.1010	.1100	.0670
.362	.3320						
.400				.1270	.0650		.0260
.402			.0830				
.497	.3340						
.550				-.0240	-.1320		
.565			-.0140				
.600							-.1750
.650						-.2020	
.700	.0010				-.2500		
.725				-.2280			
.750						-.2630	-.3510
.780			-.3610				
.775				-.3420	-.3440		
.808			-.3750				
.834	-.3360						
.850				-.4620	-.4270	-.4410	
.857			-.5310				
.865	-.5520						
.900	-.4860			-.5550			-.3310
.905			-.4010				
.950				-.4210	-.5550	-.5230	
.953			-.2490				
.965	-.2160						

MACH (1) = 1.097 BETAT (2) = -4.090

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.1900	-.1420	.4830	.6830	.6220	.5980	.5490
.050				.0100	-.0740	-.3800	-.3640
.081			.2390				
.086		.0240					
.094	-.1630						

TE 20 SEP 73 TABULATED PRESSURE DATA - IA9A (RBML23)

AMES 11-707 IA9 O2A + S3 + T9 LOWER WING

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (1) = 1.097 BETAT (2) = -4.090

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.150				.1530	.0450	-.0920	-.0710
.177			.1760				
.229	-.1350						
.246		.2490					
.250				.0870	-.0140	.0180	.0040
.362	.2790						
.400				.0190	.0070		-.0110
.402			-.0050				
.497	.2470						
.550				-.1050	-.1990		
.565			-.1210				
.600							-.2280
.650						-.3420	
.700	-.1460						
.725				-.3180			
.750						-.3630	-.3980
.760			-.3660				
.775				-.3840	-.4150		
.808			-.4080				
.834	-.3680						
.850				-.4970	-.4760	-.5020	
.857			-.5410				
.885	-.5320						
.900	-.2840			-.3980			-.4040
905			-.1980				
.950				-.2140	-.3680	-.5790	
.953			-.1910				
.965	-.1610						

MACH (1) = 1.101 BETAT (3) = .080

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.2870	-.1750	.4140	.5960	.5190	.4950	.4470
.050				-.0560	-.1550	-.4950	-.4290
.061			.1950				
.086		.0650					
.094	-.1620						
.150				.0570	-.0280	-.1630	-.2160
.177			.1040				
.229	.0640						
.246		.1980					
.250				-.0450	-.1100	-.0830	-.1120
.362	.2070						
.400				-.1080	-.0880		-.0630
.402			-.1230				
.497	.1400						

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A

AMES 11-707 IA9 C2A + S3 + T9 LOWER WING (RBNL23)

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (1) = 1.101 BETAT (3) = .020

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.550				-.1770	-.2730		
.565			-.1990				
.600							-.2650
.650						-.2920	
.700	-.2360				-.3870		
.725				-.3500			
.750						-.3920	-.4160
.760			-.4380				
.775				-.4210	-.4610		
.808			-.4460				
.834	-.4310						
.850				-.5290	-.4880	-.5240	
.857			-.5410				
.865	-.4360						
.900	-.3340			-.2350			-.4050
.905			-.2410				
.950				-.2060	-.3680	-.5600	
.953			-.2120				
.965	-.1950						

MACH (1) = 1.102 BETAT (4) = 4.140

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.4330	-.2070	.3310	.5180	.4300	.3980	.3520
.050				-.1240	-.3190	-.6170	-.4340
.061			.1570				
.086		.0660					
.094	-.2500						
.150				-.0670	-.0460	-.1840	-.3360
.177			.0110				
.229	.0660						
.246		.1540					
.250				-.0840	-.1410	-.1460	-.1970
.362	.1590						
.400				-.1390	-.1190		-.0330
.402			-.1590				
.497	-.0450						
.550				-.1750	-.2440		
.565			-.1720				
.600							-.2430
.650						-.2870	
.700	-.1620				-.3570		
.725				-.3490			
.750						-.3720	-.4090
.760			-.4720				
.775				-.4408	-.4190		

ATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A

AMES 11-707 IA9 O2A + S3 + T9 LOWER WING (RBML23)

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (1) = 1.102 BETAT (4) = 4.140

Y/BW	.299	.364	.427	.534	.675	.780	.887
X/CW							
.808			-.4580				
.834	-.3310						
.850				-.5580	-.4750	-.4930	
.857			-.3980				
.865	-.2870						-.3690
.900	-.2560			-.4050			
.905			-.3740				
.950				-.2230	-.4100	-.5650	
.953			-.2260				
.965	-.2040						

MACH (1) = 1.088 BETAT (5) = 6.280

Y/BW	.299	.364	.427	.534	.675	.780	.887
X/CW							
.000	-.6030	-.1420	.3160	.4720	.3600	.2980	.2580
.050				-.0800	-.1840	-.0210	-.4250
.081			.1640				
.086		.0650					
.094	-.2760			-.0140	-.0880	-.2150	-.3540
.150							
.177			.0640				
.229	-.0080						
.246		.1250		-.0950	-.1620	-.1300	-.1200
.250							
.362	.0880			-.1170	-.1060		-.0350
.400							
.402			-.1520				
.497	.0570			-.2080	-.2690		
.590							
.565			-.2400				-.2480
.600						-.3070	
.650					-.3950		
.700	-.2290			-.4000			
.725						-.3920	-.4150
.750							
.760			-.4300				
.775				-.4650	-.4550		
.808			-.3120				
.834	-.2630			-.4710	-.5090	-.5040	
.850							
.857			-.3120				
.865	-.2850						-.3940
.900	-.2520			-.4310			
.905			-.3000				
.950				-.2360	-.3010	-.5010	
.953			-.2980				

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A (RBNL23)

AMES 11-707 IA9 C2A + S3 + T9 LOWER WING

DEPENDENT VARIABLE CP

SECTION (1)LOWER WING

MACH (1) = 1.098 BETAT (5) = 8.260

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.965	-.2490						

MACH (2) = 1.248 BETAT (1) = -8.150

Y/BW	.299	.364	.427	.534	.673	.700	.887
X/CW							
.000	.0080	.0080	.3640	.7730	.7430	.7420	.7030
.050				.0420	-.0500	-.2120	-.1880
.061			.2160				
.066		-.0660					
.094	-.0470						
.150				.2840	.2080	.0860	.0630
.177			.3030				
.229	-.0510						
.246		.0990					
.250				.1960	.1310	.1490	.1310
.362	-.0520						
.400				.1690	.1550		.1480
.402			.1710				
.497	.3940						
.550				.0550	-.0220		
.565			.0610				
.600							-.0600
.650						-.0950	
.700	.0800				-.1650		
.725				-.1460			
.750						-.1960	-.2250
.760			-.1800				
.775				-.1910	-.2450		
.808			-.2090				
.834	-.1690						
.850				-.2820	-.3090	-.3210	
.857			-.3440				
.865	-.3580						
.900	-.4660			-.3510			-.2480
.905			-.4710				
.950				-.4350	-.3750	-.3990	
.953			-.5090				
.965	-.4160						

MACH (2) = 1.249 BETAT (2) = -4.080

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.0730	-.0790	.2650	.6700	.6400	.6400	.6130
.050				-.1190	-.1120	-.3240	-.2550
.061			.2520				
.066		-.1360					
.094	-.1130						

TABULATED PRESSURE DATA - IA9A

AMES 11-7U7 IA9 O2A + S3 + T9 LOWER WING (RBML23)

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (2) = 1.249 BETAT (2) = -4.060

Y/BW	.239	.364	.427	.534	.673	.780	.887
X/CW							
.150				.1900	.1300	.0080	-.0490
.177			.2080				
.229	-.1280						
.246		-.0020					
.250				.1150	.0570	.0680	.0300
.362	-.0660						
.400				.0630	.0790		.1050
.402			.0740				
.497	.2840						
.550				.0020	-.0660		
.565			-.0090				
.600							-.0810
.650						-.1230	
.700	-.0250				-.2010		
.725				-.1980			
.750						-.2210	-.2330
.760			-.2420				
.775				-.2670	-.2780		
.808			-.2470				
.834	-.2070						
.850				-.3280	-.3430	-.3490	
.857			-.3690				
.865	-.3660						
.900	-.4920			-.3740			-.2740
.905			-.4950				
.950				-.4470	-.4250	-.4270	
.953			-.5100				
.965	-.3210						

MACH (2) = 1.248 BETAT (3) = .010

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.1660	-.1170	.1960	.5770	.5400	.5310	.5190
.050				-.0990	-.1600	-.3060	-.3040
.061			.1840				
.066		-.1360					
.094	-.1520						
.150				.0960	.0790	-.0520	-.1690
.177			.1700				
.229	-.1730						
.246		.1540					
.250				.0400	-.0120	-.0070	-.0360
.362	.0600						
.400				-.0060	.0100		.0600
.402			-.0150				
.497	.1910						

AMES 11-707 IA9 O2A + S3 + T9 LOWER WING (RBML23)

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (2) = 1.248 BETAT (3) = .010

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.550				-.1030	-.1480		
.565			-.1040				-.1510
.600						-.1960	
.650					-.2710		
.700	-.1280			-.2660			
.725						-.2870	-.3010
.750			-.3120				
.760				-.3310	-.3280		
.775			-.2990				
.808							
.834	-.2570			-.3970	-.3850	-.3970	
.850			-.4170				
.857							
.865	-.4300			-.4200			-.3280
.900	-.3930		-.5330				
.905				-.4850	-.4760	-.4600	
.950			-.3240				
.953							
.965	-.3380						

MACH (2) = 1.247 BETAT (4) = 4.120

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.3270	-.1600	.2220	.5150	.4370	.4210	.4370
.050				-.0790	-.2760	-.4500	-.3620
.081			.1490				
.086		-.1660					
.094	-.1940						
.150				-.0230	-.0020	-.1360	-.2370
.177			.0670				
.229	-.2070						
.246		.1360					
.250				-.0800	-.1130	-.1140	-.0880
.362	.0980						
.400				-.0690	-.0550		.0430
.402			-.0550				
.497	.0160						
.550				-.1550	-.1900		
.565			-.1500				
.600							-.1560
.650						-.2020	
.700	-.1720				-.2570		
.725				-.2760			
.750						-.2760	-.3120
.760			-.3230				
.775				-.3270	-.3310		

TE 24 SEP 73 TABULATED PRESSURE DATA - IA9A

AMES 11-7ft IA9 C2A + S3 + T9 LOWER WING (RBML23)

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (2) = 1.247 BETAT (4) = 4.120

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.808			-.3340				
.834	-.3120						
.850				-.3840	-.3790	-.3880	
.857			-.4590				
.865	-.3010						
.900	-.2460			-.4310			-.3240
.905			-.4610				
.950				-.2890	-.4510	-.4610	
.953			-.2480				
.965	-.1790						

MACH (2) = 1.246 BETAT (5) = 8.210

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.4400	-.2440	.2850	.4610	.3630	.3360	.3400
.050				-.0980	-.2550	-.4290	-.3510
.081			.1150				
.086		-.0310					
.094	-.2630						
.150				.0000	.0520	-.1330	-.2710
.177			.0620				
.229	-.1920						
.246		.1140					
.250				-.0580	-.1040	-.1140	-.1300
.362	.0580						
.400				-.0800	-.0760		-.0080
.402			-.0910				
.497	.0050						
.550				-.1690	-.2120		
.565			-.1840				
.600							-.2070
.650						-.2570	
.700	-.1990				-.3230		
.725				-.3110			
.750						-.3190	-.3400
.760			-.4080				
.775				-.3760	-.3730		
.808			-.3940				
.834	-.2640						
.850				-.4690	-.4150	-.4230	
.857			-.3910				
.865	-.2740						
.900	-.2490			-.5050			-.3550
.905			-.3340				
.950				-.4010	-.4980	-.4910	
.953			-.2850				

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A

AMES 11-7ft IA9 O2A + S3 + T9 LOWER WING (RBML23)

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (2) = 1.246 BETAT (5) = 8.210

Y/BW	.299	.364	.427	.534	.673	.760	.887
X/CW							
.965	-.2100						

[illegible] 11-707 IA9 02A + 33 + T3 LOWER WING (RBML24) (27 APR 73)

REFERENCE DATA

SREF = 2.4210 SQ.FT. XMRP = 28.5300 INCHES
LREF = 39.8490 INCHES YMRP = .0000 INCHES
BREF = 39.8490 INCHES ZMRP = .0000 INCHES
SCALE = .0300 SCALE

PARAMETRIC DATA

ALPHAT = -2.000 ORBINC = .500
RUDDER = -10.000 ELEVON = .000
RUDFLR = .000

SECTION (1)LOWER WING

DEPENDENT VARIABLE CP

MACH (1) = 1.100 BETAT (1) = -8.200

X/CW \ Y/BW	.299	.364	.427	.534	.673	.780	.887
.000	-.1200	-.0640	.5430	.7650	.7080	.7160	.6540
.050				.2160	.1800	.0820	.0600
.061			.3650				
.086		-.0200					
.094	-.1040						
.150				.2810	.2050	.1150	.1540
.177			.3040				
.229	-.0650						
.246		.3360					
.250				.1680	.1940	.1850	.1560
.362	.3490						
.400				.1990	.1460		.0860
.402			.1520				
.497	.3560						
.550				.0500	-.0910		
.565			.0560				
.600							-.1480
.650						-.1590	
.700	.1090				-.2380		
.725				-.2130			
.750						-.2730	-.3190
.760			-.3550				
.775				-.3300	-.3240		
.808			-.3640				
.834	-.3260						
.850				-.4690	-.4110	-.4240	
.857			-.5180				
.865	-.5470						
.900	-.5270			-.5440			-.3260
.905			-.4390				
.950				-.4970	-.5460	-.5150	
.953			-.2460				
.965	-.2180						

MACH (1) = 1.098 BETAT (2) = -4.090

X/CW \ Y/BW	.299	.364	.427	.534	.673	.780	.887
.000	-.1910	-.1190	.4870	.6960	.6350	.6280	.5710
.050				.1150	.0840	-.0340	-.1070
.061			.3010				
.086		.0480					
.094	-.1430						

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A

AMES 11-7?? IA9 C2A + S3 + T9 LOWER WING (RBML24)

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (1) = 1.098 BETAT (2) = -4.090

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.150				.1990	.1030	-.0020	.0610
.177			.2220				
.229	-.1290						
.246		.2800					
.250				.0680	.0690	.1040	.0750
.362	.2900						
.400				.0770	.0600		.0230
.402			.0330				
.497	.2650						
.550				-.0660	-.1610		
.565			-.0790				
.600							-.2010
.650						-.2280	
.700	-.1050				-.3050		
.725				-.2400			
.750						-.3320	-.3820
.760			-.3760				
.775				-.3510	-.3480		
.808			-.3890				
.834	-.3620						
.850				-.4920	-.4320	-.4800	
.857			-.5450				
.865	-.5700						
.900	-.2750			-.4820			-.3840
.905			-.1720				
.950				-.2100	-.5380	-.5360	
.953			-.1550				
.965	-.1430						

MACH (1) = 1.098 BETAT (3) = .030

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.3210	-.1470	.4020	.6060	.5450	.5410	.4880
.050				.0270	-.0100	-.1630	-.2510
.081			.2370				
.086		.0890					
.094	-.2090						
.150				.1200	.0410	-.0940	-.0250
.177			.1330				
.229	.0650						
.246		.2110					
.250				-.0200	-.0380	-.0040	.0110
.362	.2110						
.400				-.0690	-.0310		-.0100
.402			-.0940				
.497	.1480						

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A (RBNL24)

AMES 11-707 IA9 O2A + S3 + T9 LOWER WING

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (1) = 1.098 BETAT (3) = .030

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.550				-.1460	-.2040		
.565			-.1510				-.2280
.600						-.2560	
.650					-.3500		
.700	-.1740			-.2980			
.725						-.3610	-.4000
.750							
.760			-.4300				
.775				-.3670	-.3580		
.808			-.4290				
.834	-.4240						
.850				-.5190	-.4550	-.4650	
.857			-.5570				
.865	-.4000						
.900	-.2740			-.2100			-.4010
.905			-.2040				
.950				-.1780	-.3740	-.5550	
.953			-.1810				
.965	-.1420						

MACH (1) = 1.097 BETAT (4) = 4.130

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.4080	-.1730	.3420	.5460	.4610	.4700	.4270
.050				-.0330	-.1130	-.2970	-.3330
.081			.1980				
.086		.0990					
.094	-.2260						
.150				.0100	-.0090	-.1340	-.0820
.177			.0590				
.229	.0780						
.246		.1810					
.250				-.0550	-.1080	-.0410	-.0240
.362	.1660						
.400				-.0960	-.0540		-.0310
.402			-.1330				
.497	-.0070						
.550				-.1150	-.1960		
.565			-.1340				
.600							-.2300
.650						-.2390	
.700	-.1410				-.3030		
.725				-.2940			
.750						-.3440	-.3630
.760			-.4390				
.775				-.4150	-.3910		

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A

AMES 11-707 IA9 O2A + S3 + T9 LOWER WING (RBML24)

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (1) = 1.097 BETAT (4) = 4.130

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.806			-.4380				
.834	-.3290						
.850				-.5460	-.4790	-.4910	
.857			-.4320				
.865	-.2570						
.900	-.2490			-.2760			-.3810
.905			-.3350				
.950				-.1940	-.3300	-.5740	
.953			-.1700				
.965	-.1580						

MACH (1) = 1.101 BETAT (5) = 8.250

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.6200	-.1040	.2630	.4830	.3940	.3860	.3400
.050				.0250	-.0760	-.1670	-.2540
.081			.2150				
.086		.0680					
.094	-.2720			.0510	-.0140	-.1070	-.0410
.150							
.177			.1040				
.229	.0110						
.246		.1400					
.250				-.0620	-.0720	-.0140	-.0040
.362	.1210						
.400				-.0520	-.0590		-.0500
.402			-.1090				
.497	.0730						
.550				-.1550	-.2130		
.565			-.1950				
.600							-.2220
.650						-.2160	
.700	-.2160				-.3060		
.725				-.3430			
.750						-.3320	-.3760
.760			-.3640				
.775				-.3410	-.3620		
.808			-.2710				
.834	-.2420						
.850				-.4110	-.4640	-.4870	
.857			-.2650				
.865	-.2410						
.900	-.2220			-.4210			-.3620
.905			-.2780				
.950				-.3070	-.4020	-.5650	
.953			-.2780				

TABULATED PRESSURE DATA - IA9A

AMES 11-707 IA9 02A + S3 + T9 LOWER WING (RBML24)

SECTION (1)LOWER WING

DEPENDENT VARIABLE CP

MACH (1) = 1.101 BETAT (5) = 8.250

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.965	-.2280						

MACH (2) = 1.246 BETAT (1) = -8.150

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	.0050	.0030	.4000	.8190	.7620	.7640	.7080
.050				.2150	.1710	.0510	.0310
.081			.3530				
.086		-.0220					
.094	-.0390						
.150				.3470	.2650	.1350	.1940
.177			.3490				
.229	-.0360						
.246		.2650					
.250				.2300	.2040	.2360	.2160
.362	-.0080						
.400				.2140	.2050		.1970
.402			.2020				
.497	.4230						
.550				.0990	.0070		
.565			.0950				
.600							-.0390
.650						-.0640	
.700	.0900				-.1320		
.725				-.0830			
.750						-.1610	-.2080
.760			-.1567				
.775				-.1520	-.2080		
.808			-.1930				
.834	-.1560						
.850				-.2780	-.2570	-.2930	
.857			-.3300				
.865	-.3420						
.900	-.4550			-.3550			-.2270
.905			-.4630				
.950				-.4270	-.3650	-.3720	
.953			-.5020				
.965	-.4150						

MACH (2) = 1.249 BETAT (2) = -4.070

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.0860	-.0650	.3080	.7170	.6690	.6760	.6320
.050				.1230	.0690	-.0690	-.0690
.081			.2710				
.086		-.0890					
.094	-.0920						

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A

AMES 11-707 IA9 O2A + S3 + T9 LOWER WING (RBML24)

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (2) = 1.249 BETAT (2) = -4.070

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.150				.2460	.2070	.0700	.1090
.177			.2700				
.229	-.0910						
.246		.1110					
.250				.1620	.1150	.1510	.1540
.362	-.0570						
.400				.1350	.1450		.1540
.402			.1220				
.497	.3240						
.550				.0360	-.0290		
.565			.0280				
.600							-.0720
.650						-.0960	
.700	.0020				-.1740		
.725				-.1710			
.750						-.1970	-.2360
.760			-.1980				
.775				-.2150	-.2530		
.808			-.2200				
.834	-.1900						
.850				-.2890	-.3160	-.3280	
.857			-.3470				
.865	-.3740						
.900	-.4800			-.3520			-.2650
.905			-.4780				
.950				-.4360	-.3970	-.4100	
.953			-.5100				
.965	-.3110						

MACH (2) = 1.249 BETAT (3) = .020

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.2190	-.1240	.2550	.6390	.5690	.5860	.5470
.050				.0950	.0180	-.1200	-.1210
.081			.2440				
.086		-.1250					
.094	-.1360						
.150				.1620	.1480	.0130	.0380
.177			.2090				
.229	-.1500						
.246		.2170					
.250				.0840	.0420	.0660	.0730
.362	.1060						
.400				.0270	.0540		.0930
.402			.0160				
.497	.2230						

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A (RBML24)

AMES 11-707 IA9 C2A + S3 + T5 LOWER WING

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (2) = 1.249 BETAT (3) = .020

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.550				-.0570	-.1130		
.565			-.0580				
.600						-.1570	-.1240
.650					-.2150		
.700	-.1060			-.2370			
.725						-.2450	-.2830
.750							
.760			-.2600		-.2940		
.775				-.2780			
.638			-.2820				
.834	-.2530			-.3480	-.3560	-.3570	
.850							
.857			-.4010				
.865	-.4260			-.3980			-.3120
.900	-.4410						
.905			-.5180	-.4580	-.4420	-.4410	
.950							
.953			-.3790				
.965	-.3110						

MACH (2) = 1.249 BETAT (4) = 4.110

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.3650	-.1440	.2650	.5550	.4700	.4770	.4610
.050				.0220	-.0830	-.2180	-.1860
.081			.2060				
.086		-.1560					
.094	-.1940						
.150				.0290	.0550	-.0690	-.0100
.177			.1070				
.229	-.1930						
.246		.1670					
.250				-.0220	-.0550	-.0130	.0740
.362	.1220						
.400				-.0300	.0090		.0780
.402			-.0500				
.497	.0310						
.550				-.0950	-.1340		
.565			-.1210				
.600							-.1370
.650						-.1560	
.700	-.1510				-.2210		
.725				-.2390			
.750						-.2340	-.2870
.760			-.2990				
.775				-.2770	-.2910		

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A

AMES 11-7D7 IA9 C2A + S3 + T9 LOWER WING (RBML24)

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (2) = 1.249 BETAT (4) = 4.110

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.808			-.3150				
.834	-.3090						
.850				-.3490	-.3430	-.3580	
.857			-.4270				
.865	-.3330						
.900	-.2420			-.4070			-.2920
.905			-.4880				
.950				-.4690	-.4110	-.4420	
.953			-.2610				
.965	-.1930						

MACH (2) = 1.249 BETAT (4) = 8.200

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.4490	-.1780	.2200	.5000	.4080	.4050	.3840
.050				.0520	-.0430	-.1750	-.2100
.081			.1980				
.086		.0000					
.094	-.2520						
.150				.0690	.0560	-.0750	-.0600
.177			.1360				
.229	-.1420						
.246		.1290					
.250				-.0100	-.0630	-.0950	-.0800
.362	.0800						
.400				-.0430	-.0910		.0160
.402			-.0480				
.497	.0530						
.550				-.1330	-.1630		
.565			-.1480				
.600							-.1720
.650						-.2090	
.700	-.1560				-.2710		
.725				-.2790			
.750						-.2820	-.3270
.760			-.3650				
.775				-.3510	-.3370		
.808			-.3430				
.834	-.2250						
.850				-.4400	-.3910	-.3960	
.857			-.3319				
.865	-.2390						
.900	-.2200			-.4640			-.3420
.905			-.3030				
.950				-.4190	-.4780	-.4720	
.953			-.2780				

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A (RBML24)

AMES 11-707 IA9 CRA + S3 + T9 LOWER WING

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (2) = 1.949 BETAT (3) = 0.200

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.985	-.1880						

DATE 20 SEP 72 TABULATED PRESSURE DATA - IA9A (RBML25) (27 APR 73)

AMES 11-7D7 IA9 O2A + S3 + T9 LOWER WING

REFERENCE DATA

SREF = 2.4210 SQ.FT. XMRP = 28.5300 INCHES
LREF = 39.8490 INCHES YMRP = .0000 INCHES
BREF = 39.8490 INCHES ZMRP = .0000 INCHES
SCALE = .0300 SCALE

PARAMETRIC DATA

ALPHAT = .000 ORBINC = .500
RUDDER = -10.000 ELEVON = .000
RUDFLR = .000

SECTION (1)LOWER WING

DEPENDENT VARIABLE CP

MACH (1) = 1.098 BETAT (1) = -8.200

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.1050	-.0340	.5200	.7520	.6830	.6960	.5860
.050				.3220	.3030	.2230	.2630
.081			.4330				
.086		.0640					
.094	-.0930						
.150				.3320	.2960	.2090	.2420
.177			.3560				
.229	-.0360						
.246		.3770					
.250				.2430	.2580	.2520	.2180
.362	.3790						
.400				.2440	.1990		.1480
.402			.2150				
.497	.3900						
.550				.0900	-.0630		
.565			.0970				
.600							-.1090
.650						-.1200	
.700	.1430				-.2090		
.725				-.1900			
.750						-.2420	-.2840
.760			-.3390				
.775				-.3120	-.2980		
.808			-.3460				
.834	-.3100						
.850				-.4530	-.3080	-.4000	
.857			-.5020				
.865	-.5310						
.900	-.5380			-.5250			-.2950
.905			-.4130				
.950				-.5270	-.5280	-.4960	
.953			-.2280				
.965	-.1920						

MACH (1) = 1.095 BETAT (2) = -4.090

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.2110	-.1190	.4620	.6890	.6180	.6280	.5360
.050				.2180	.1850	.0970	.1550
.081			.3570				
.086		.0420					
.094	-.1490						

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A

AMES 11-7D7 IA9 C2A + S3 + T9 LOWER WING (RBML25)

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (1) = 1.095 BETAT (2) = -4.090

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.150				.2370	.1740	.1110	.1510
.177			.2650				
.229	-.1250						
.246		.3050					
.250				.1250	.1580	.1700	.1490
.382	.3050						
.400				.1410	.1130		.0870
.402			.0720				
.497	.2840						
.550				.0410	-.1000		
.565			.0400				
.600							-.1600
.650						-.1710	
.700	.0880				-.2480		
.725				-.2290			
.750						-.2830	-.3340
.760			-.3710				
.775				-.3430	-.3340		
.808			-.3810				
.834	-.3510						
.850				-.4020	-.4210	-.4390	
.857			-.5340				
.885	-.3630						
.900	-.2980			-.4980			-.3340
.905			-.1980				
.950				-.2090	-.5620	-.5310	
.953			-.1530				
.965	-.1410						

MACH (1) = 1.089 BETAT (3) = .080

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.3570	-.1530	.3870	.6020	.5490	.5600	.4840
.050				.0900	.0910	-.0050	.0010
.081			.2750				
.086		.0840					
.094	-.2160						
.150				.1410	.0880	-.0100	.0780
.177			.1610				
.229	.0550						
.246		.2240					
.250				.0140	.0260	.0910	.0780
.362	.2170						
.400				-.0030	.0440		.0280
.402			-.0580				
.497	.1540						

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A

AMES 11-707 IA9 C2A + S3 + T9 LOWER WING (RBML25)

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (1) = 1.099 BETAT (3) = .020

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.550				-.0740	-.1580		
.565			-.0790				-.2020
.600						-.1870	
.650					-.2680		
.700	-.1060			-.2610			
.725						-.3040	-.3480
.750			-.4110				
.760				-.3770	-.3600		
.775			-.4210				
.808							
.834	-.4080			-.5160	-.4510	-.4630	
.850			-.5490				
.857							
.865	-.3830			-.2180			-.3660
.900	-.2840		-.1910				
.905				-.1730	-.4610	-.5530	
.950			-.1770				
.953							
.965	-.1180						

MACH (1) = 1.100 BETAT (4) = 4.130

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.5380	-.1660	.2930	.5500	.5030	.4800	.4190
.050				.0200	.0060	-.0760	-.1100
.081			.2270				
.086		.0880					
.094	-.2410						
.150				.1230	.0290	-.0720	.0450
.177			.0730				
.229	.0850						
.246		.1810					
.250				-.0460	-.0400	.0460	.0620
.362	.1690						
.490				-.0400	.0110		.0260
.492			-.0880				
.497	-.0010						
.550				-.0710	-.1550		
.565			-.0880				
.600							-.2110
.650						-.2190	
.700	-.1280				-.2950		
.725				-.2930			
.750						-.3270	-.3790
.760			-.4370				
.775				-.4090	-.3820		

DATE 30 SEP 79 TABULATED PRESSURE DATA - IA9A

AMES 11-707 IA9 02A + 83 + T9 LOWER WING (RBML25)

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (1) = 1.100 BETAT (4) = 4.130

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.808			-.4400				
.834	-.3140						
.850				-.5410	-.4700	-.4820	
.857			-.5010				
.865	-.2920						
.900	-.2540			-.2070			-.3840
.905			-.2430				
.950				-.1760	-.3080	-.5720	
.953			-.1660				
.965	-.1490						

MACH (1) = 1.086 BETAT (5) = 8.280

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.6140	-.1450	.1980	.4610	.4050	.4090	.3740
.050				.1100	.0340	-.0500	.0520
.081			.2480				
.088		.0730					
.094	-.3080						
.180				.1050	.0460	-.0130	.0770
.222			.1440				
.229	.0830						
.246		.1580					
.250				-.0150	-.0080	.1130	.0670
.362	.1290						
.400				-.0200	.0110		.0280
.402			-.0720				
.497	.0910						
.550				-.0780	-.1520		
.565			-.1420				
.600							-.2210
.650						-.2190	
.700	-.1970				-.3050		
.725				-.3050			
.750						-.3360	-.3830
.760			-.3440				
.775				-.3750	-.3860		
.808			-.2750				
.834	-.2240						
.850				-.4320	-.4700	-.4810	
.857			-.2880				
.865	-.2240						
.900	-.2100			-.4240			-.3910
.905			-.2700				
.950				-.3110	-.4860	-.5770	
.953			-.2600				

AMES 11-7ft IA9 C2A + S3 + T9 LOWER WING (RRML25)

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (1) = 1.096 BETAT (5) = 8.260

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.965	-.2090						

MACH (2) = 1.246 BETAT (1) = -8.160

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.0070	.0110	.4740	.8260	.7580	.7610	.6900
.050				.3130	.2950	.2250	.2450
.081			.4300				
.086		.0310					
.094	-.0170						
.150				.3780	.3220	.2200	.2770
.177			.3920				
.229	-.0020						
.246		.3570					
.250				.2640	.2660	.3010	.2670
.362	.0690						
.400				.2650	.2490		.2370
.402			.2320				
.497	.4510						
.550				.1370	.0380		
.565			.1320				
.600							-.0030
.650						-.0900	
.700	.1260				-.0990		
.725				-.0360			
.750						-.1310	-.1770
.760			-.1410				
.775				-.1390	-.1500		
.808			-.1800				
.834	-.1360						
.850				-.2730	-.2310	-.2660	
.857			-.3180				
.865	-.3340						
.900	-.4490			-.3490			-.1950
.905			-.4520				
.950				-.4200	-.3610	-.3240	
.953			-.4870				
.965	-.4400						

MACH (2) = 1.248 BETAT (2) = -4.070

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.0940	-.0640	.3490	.7520	.6870	.6910	.6170
.050				.2250	.2170	.1580	.1570
.081			.3420				
.086		-.0570					
.094	-.0720						

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A (PSML25)

AMES 11-707 IA9 CBA + S3 + T9 LOWER WING

DEPENDENT VARIABLE CP

SECTION (1)LOWER WING

MACH (2) = 1.248 BETAT (2) = -4.070

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.150				.3050	.2630	.1480	.2190
.177			.3180				
.229	-.0710						
.246		.2270					
.250				.1970	.1860	.2310	.2160
.362	-.0360						
.400				.1820	.1900		.1960
.402			.1630				
.497	.3570						
.590				.0750	-.0080		
.565			.0620				-.0440
.600						-.0670	
.650					-.1410		
.700	.0550			-.1340			
.725						-.1660	-.2120
.750			-.1660				
.760				-.1570	-.2190		
.775			-.1980				
.808							
.834	-.1780			-.2760	-.2790	-.3010	
.850			-.3360				
.857							
.865	-.3810			-.3540			-.2550
.900	-.4650		-.4690				
.905				-.4280	-.3630	-.3820	
.950			-.5030				
.953							
.965	-.3120						

MACH (2) = 1.249 BETAT (3) = .020

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.2430	-.1370	.3070	.6550	.5780	.5980	.5320
.050				.1630	.1460	.0790	.0610
.081			.3420				
.086		-.1070					
.094	-.1120			.1910	.1920	.0720	.1220
.150			.2320				
.177							
.229	-.1110						
.246		.2410		.1270	.0860	.1280	.1330
.250							
.362	.1200			.0560	.0910		.1280
.400			.0300				
.402							
.497	.2540						

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A (RBML25)

AMES 11-707 IA9 C2A + S3 + T9 LOWER WING

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (2) = 1.249 BETAT (3) = .020

Y/BW	.299	.364	.427	.534	.673	.780	.897
X/CW							
.550				-.0040	-.0790		
.565			-.0240				
.600							-.0980
.650						-.1210	
.700	-.0870				-.1680		
.725				-.1990			
.750						-.2010	-.2570
.760			-.2470				
.775				-.2390	-.2670		
.808			-.2610				
.834	-.2480						
.850				-.3180	-.3380	-.3360	
.857			-.3840				
.865	-.4180						
.900	-.4490			-.3710			-.2675
.905			-.5030				
.950				-.4490	-.3840	-.4230	
.953			-.4600				
.965	-.2890						

MACH (2) = 1.251 BETAT (4) = 4.110

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.3960	-.1630	.2900	.5830	.4920	.5010	.4900
.050				.0830	.0130	-.0380	-.0120
.081			.2350				
.086		-.1400					
.094	-.1730						
.150				.0690	.0980	-.0140	.1090
.177			.1370				
.229	-.1720						
.246		.1845					
.250				.0040	-.0180	.1020	.1290
.362	.1460						
.410				.0130	.0420		.1110
.412			-.0210				
.497	.0420						
.550				-.0460	-.0680		
.565			-.0870				
.600							-.1110
.650						-.1680	
.700	-.1230				-.1920		
.725				-.1710			
.750						-.2110	-.2510
.760			-.2710				
.775				-.2160	-.2660		

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A

AMES 11-707 IA9 OEA + S3 + T9 LOWER WING (RBML25)

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (2) = 1.251 BETAT (4) = 4.110

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.808			-.2730				
.834	-.2930						
.850				-.3140	-.2950	-.3340	
.857			-.3980				
.865	-.3290						
.900	-.2270			-.3900			-.1760
.905			-.4790				
.950				-.4610	-.3670	-.4130	
.953			-.3570				
.965	-.1690						

MACH (2) = 1.249 BETAT (5) = 0.200

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.4500	-.1850	.1720	.4990	.4420	.4310	.3880
.080				.1170	.0630	-.0260	-.0570
.081			.2410				
.086		.0330					
.094	-.2450						
.150				.1300	.0880	-.0210	.0170
.177			.1670				
.229	-.1190						
.246		.1300					
.250				-.0030	-.0210	.0260	.0480
.362	.0890						
.400				-.0120	.0120		.0550
.402			-.0870				
.497	.0890						
.550				-.0860	-.1240		
.565			-.1190				
.600							-.1520
.650						-.1730	
.700	-.1380				-.2430		
.725				-.2580			
.750						-.2560	-.3060
.760			-.3520				
.775				-.3250	-.3090		
.808			-.3270				
.834	-.2180						
.850				-.4120	-.3660	-.3750	
.857			-.3100				
.865	-.2250						
.900	-.2080			-.4270			-.3210
.905			-.2930				
.950				-.4090	-.4460	-.4480	
.953			-.2720				

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A

AMES 11-707 IA9 O2A + S3 + T9 LOWER WING (RBML25)

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (2) = 1.248 BETAT (5) = 8.200

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.965	-.1870						

DATE 30 SEP 73 TABULATED PRESSURE DATA - IA9A (RBML26) (27 APR 73)

AMES 11-707 IA9 OEA + S3 + T9 LOWER WING

REFERENCE DATA

SREF = 2.4210 SQ.FT. XMRP = [illegible] INCHES
LREF = 39.8490 INCHES YMRP = .0000 INCHES
ZREF = 39.8490 INCHES ZMRP = .0000 INCHES
SCALE = .0500 SCALE

PARAMETRIC DATA

ALPHAT = 2.000 ORBINC = .500
RUDDER = -10.000 ELEVCN = .000
RUDFLR = .000

SECTION (1)LOWER WING

DEPENDENT VARIABLE CP

MACH (1) = 1.000 BETAT (1) = -0.210

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.1130	-.0340	.4040	.7230	.6440	.6530	.4810
.050				.4150	.3980	.3550	.3960
.081			.5020				
.086		.1700					
.094	-.0870			.3990	.3770	.2980	.3120
.150			.4120				
.177							
.229	.0170						
.248		.4220		.3090	.3200	.3110	.2740
.250							
.362	.4120			.2850	.2490		.1940
.400			.2810				
.402							
.487	.4240			.1210	-.0260		
.550			.1380				-.0360
.585						-.0770	
.600					-.1790		
.650				-.1660			
.700	.1770					-.2090	-.2480
.725							
.750			-.3240				
.760				-.2900	-.2830		
.775			-.3230				
.808							
.834	-.2940			-.4320	-.3570	-.3630	
.850			-.4870				
.857							
.865	-.5250			-.5020			-.2420
.900	-.6140		-.5670				
.905				-.5710	-.4970	-.4650	
.950			-.2290				
.953							
.965	-.1650						

MACH (1) = 1.099 BETAT (2) = -4.090

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.2260	-.1240	.4180	.6650	.5910	.5950	.4360
.050				.3110	.2680	.2360	.3120
.081			.4180				
.086		.1080					
.094	-.1190						

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A (RBML26)

AMES 11-707 IA9 C2A + S3 + T9 LOWER WING

DEPENDENT VARIABLE CP

SECTION (1)LOWER WING

MACH (1) = 1.099 BETAT (2) = -4.090

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.150				.2980	.2840	.2180	.2390
.177			.3160				
.229	-.0730						
.246		.3400					
.250				.1960	.2370	.2460	.2100
.362	.3230						
.400				.2150	.1830		.1230
.402			.1530				
.497	.3130						
.550				.0710	-.0710		
.565			.0640				
.600							-.1230
.650						-.1280	
.700	.0890				-.2150		
.725				-.2040			
.750						-.2470	-.2910
.760			-.3560				
.775				-.3220	-.3740		
.808			-.3640				
.834	-.3360						
.850				-.4630	-.3950	-.4070	
.857			-.5170				
.865	-.5550						
.900	-.3150			-.5320			-.2640
.905			-.1700				
.950				-.2220	-.5550	-.5030	
.953			-.1520				
.965	-.1400						

MACH (1) = 1.100 BETAT (3) = .020

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.4190	-.2160	.3330	.5750	.4910	.5290	.4070
.050				.1760	.1650	.1340	.2430
.081			.3160				
.036		.0680					
.094	-.1820						
.150				.1800	.1710	.1520	.1810
.177			.1910				
.229	.0890						
.246		.2350					
.250				.0540	.1670	.1920	.1650
.362	.2110						
.400				.1500	.1280		.0860
.402			.0150				
.497	.1600						

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A (R8NL26)

AMES 11-7D7 IA9 CBA + S3 + T9 LOWER WING

DEPENDENT VARIABLE CP

SECTION (1)LOWER WING

MACH (1) = 1.100 BETAT (3) = .080

Y/BW	.299	.364	.427	.534	.675	.760	.887
X/CW							
.550				.0040	-.1070		
.565			-.0140				-.1610
.600						-.1600	
.650					-.2490		
.700	.0090			-.2490			
.725						-.2740	-.3210
.750			-.4050				
.760				-.3560	-.3320		
.775			-.4050				
.808							
.834	-.4080			-.4830	-.4210	-.4320	
.850			-.5360				
.867							
.885	-.3980			-.2260			-.3020
.900	-.2910		-.1710				
.905				-.1470	-.4980	-.5220	
.950			-.1540				
.953							
.988	-.1000						

MACH (1) = 1.101 BETAT (4) = 4.130

Y/BW	.299	.364	.427	.534	.675	.780	.887
X/CW							
.000	-.5010	-.1910	.2440	.4970	.4690	.4740	.3550
.050				.1170	.1240	.0850	.1840
.081			.2450				
.086		.0750					
.094	-.2410			.1280	.1270	.1040	.1330
.150			.1140				
.177							
.229	.0880						
.246		.1810		.0310	.1190	.1430	.1220
.250							
.362	.1620			.0950	.0780		.0790
.400			.0090				
.402							
.497	.0100			-.0920	-.1390		
.550			-.0430				-.1820
.565						-.1890	
.600					-.2800		
.650				-.2820			
.700	-.0550					-.2980	-.3440
.725							
.750			-.4290				
.760				-.3880	-.3610		
.775							

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A

AMES 11-707 IA9 OEA + S3 + T9 LOWER WING (RBML26)

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (1) = 1.101 BETAT (4) = 4.130

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.008			-.4270				
.834	-.3530						
.830				-.5150	-.4450	-.4530	
.857			-.5050				
.865	-.2810						
.900	-.2440			-.1890			-.3500
.905			-.1330				
.950				-.1400	-.2350	-.5400	
.953			-.1250				
[illegible]	-.1120						

MACH (1) = 1.086 BETAT (5) = 8.260

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.6260	-.0900	.1180	.4120	.3700	.3950	.2780
.050				.1670	.1210	.0950	.1850
.081			.2800				
.086		.0790					
.094	-.3200						
.150				.1350	.1130	.1030	.1170
.177			.1750				
.229	.Cool						
.246		.1770					
.250				.0980	.1120	.1300	.1010
.362	.1410						
.400				.0720	.0640		.0480
.402			-.0300				
.497	.1040						
.550				-.0730	-.1510		
.565			-.0820				
.600							-.2020
.650						-.2040	
.700	-.1720				-.2920		
.725				-.3010			
.750						-.3110	-.3630
.760			-.3460				
.775				-.3640	-.3710		
.808			-.2550				
.834	-.1980						
.850				-.4140	-.4550	-.4620	
.857			-.2840				
.865	-.2060						
.900	-.2010			-.4110			-.3670
.905			-.2640				
.950				-.3040	-.3180	-.5430	
.953			-.2560				

DATE 20 SEP 79 TABULATED PRESSURE DATA - IA9A

AMES 11-707 IA9 CEA + 33 + 79 LOWER WING (RBHL26)

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (1) = 1.098 BETAT (5) = 8.280

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.985	-.2020						

MACH (2) = 1.247 BETAT (1) = -0.160

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.0420	-.0040	.5230	.8170	.7320	.7410	.6170
.050				.4220	.4070	.3410	.4140
.081			.3140				
.086		.0560					
.094	.0430			.4270	.4040	.3200	.3570
.150							
.177			.4480				
.229	.0320						
.246		.4290		.3270	.3480	.3680	.3410
.250							
.362	.2470			.3390	.3150		.2780
.400							
.402			.2810				
.497	.4780			.2260	.0960		
.550							
.585			.2320				.0430
.600						.0260	
.650					-.0490		
.700	.2780			-.0190			
.725						-.0815	-.1320
.750							
.760			-.1310				
.775				-.1240	-.1260		
.808			-.1680				
.834	-.1150						
.850				-.2600	-.2100	-.2240	
.857			-.3000				
.865	-.3290						
.900	-.4990			-.3330			-.1280
.905			-.4410				
.950				-.4050	-.3440	-.3100	
.953			-.4700				
.965	-.4350						

MACH (2) = 1.250 BETAT (2) = -4.070

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.1410	-.1110	.3710	.7510	.6660	.6730	.5660
.050				.3460	.3270	.2610	.3460
.081			.4320				
.086		-.0330					
.094	-.0330						

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A

AMES 11-707 IA9 C2A + S3 + T9 LOWER WING (RBML26)

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (2) = 1.250 BETAT (2) = -4.070

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.150				.3580	.3340	.2380	.2970
.177			.3690				
.229	-.0300						
.246		.3010					
.250				.2540	.2510	.3110	.2810
.362	.0210						
.400				.2420	.2550		.2160
.402			.1950				
.497	.3800						
.550				.1310	.0460		
.56_			.1060				.0010
.600						-.0150	
.650					-.0960		
.700	.0700			-.0400			
.725						-.1210	-.1680
.750							
.760			-.1740				
.775				-.1240	-.1740		
.808			-.1830				
.854	-.1480						
.850				-.2820	-.2220	-.2620	
.857			-.3140				
.865	-.3370						
.900	-.4490			-.3370			-.1640
.905			-.4470				
.950				-.4100	-.3470	-.3440	
.953			-.4790				
.965	-.3390						

MACH (2) = 1.248 BETAT (3) = .020

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.3030	-.2270	.3450	.6330	.5580	.5740	.4780
.050				.2470	.2410	.1760	.2520
.081			.3640				
.086		-.0840					
.094	-.0940						
.150				.2560	.2210	.1480	.2110
.177			.2560				
.229	-.0630						
.246		.2510					
.250				.1450	.1540	.2050	.2040
.362	.1610						
.400				.0980	.1480		.1480
.402			.0530				
.497	.2320						

DATE 20 SEP 75 TABULATED PRESSURE DATA - IA9A (RBHL26)

AME3 11-707 IA9 CBA + S3 + T9 LOWER WING

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (2) = 1.248 BETAT (3) = .020

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.550				.0470	-.0300		
.565			.0270				-.0530
.600						-.0570	
.650					-.1460		
.700	-.0460			-.1240			
.725						-.1600	-.2090
.750							
.760			-.2190				
.775				-.1760	-.2270		
.806			-.2430				
.834	-.2350			-.2970	-.2890	-.2970	
.850							
.857			-.3580				
.885	-.4080			-.3690			-.2230
.900	-.4820		-.4870				
.905				-.4340	-.3670	-.3770	
.950			-.4510				
.955							
.965	-.2880						

MACH (2) = 1.248 BETAT (4) = 4.100

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.4250	-.2410	.2430	.5540	.4720	.4820	.4470
.050				.1400	.1220	.0600	.2140
.081			.2650				
.086		-.1220					
.094	-.1510						
.150				.1090	.1400	.0970	.2090
.177			.1410				
.229	-.1360						
.248		.1940					
.250				.0230	.0770	.2180	.1820
.352	.1680						
.400				.0440	.1580		.1830
.402			.0300				
.497	.0260						
.550				.0350	-.0110		
.565			-.0080				
.600							-.1480
.650						-.1660	
.700	-.0690				-.1390		
.725				-.1010			
.750						-.1670	-.2190
.760			-.2140				
.775				-.2090	-.2160		

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A

AMES 11-707 IA9 C2A + S3 + T9 LOWER WING (RBM_26)

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (2) = 1.246 BETAT (4) = 4.100

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.808			-.2550				
.834	-.2610						
.850				-.3280	-.2830	-.3050	
.857			-.3860				
.865	-.3250						
.900	-.2070			-.3960			-.2420
.905			-.4950				
.950				-.4600	-.3990	-.3850	
.953			-.3110				
.965	-.2330						

MACH (2) = 1.247 BETAT (5) = 8.200

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.4600	-.2230	.1060	.4660	.3920	.4110	.3420
.050				.1820	.1370	.0560	.1390
.081			.2610				
.086		.0470					
.094	-.2280						
.150				.1380	.1180	.0460	.1320
.177			.1830				
.229	-.0520						
.246		.1500					
.250				.0510	.0490	.1290	.1310
.362	.1140						
.400				.0390	.0840		.1290
.402			-.0160				
.497	.1260						
.550				-.0320	-.0720		
.565			-.0880				
.600							-.1060
.650						-.1290	
.700	-.1090				-.2030		
.725				-.2210			
.750						-.2170	-.2710
.760			-.3170				
.775				-.2880	-.2660		
.808			-.2860				
.834	-.2010						
.850				-.3720	-.3320	-.3430	
.857			-.2710				
.865	-.2120						
.900	-.1950			-.4020			-.2870
.905			-.2950				
.950				-.4090	-.4370	-.4230	
.953			-.2760				

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A (RBHL26)

AMES 11-707 IA9 C2A + S3 + T9 LOWER WING

DEPENDENT VARIABLE CP

SECTION (1)LOWER WING

MACH (2) = 1.247 BETAT (5) = 0.200

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.965	-.1740						

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A (RBML27) (27 APR 73)

AMES 11-707 IA9 O2A + S3 + T9 LOWER WING

REFERENCE DATA

SREF = 2.4210 SQ.FT. XMRP = 28.5300 INCHES
LREF = 39.8490 INCHES YMRP = .0000 INCHES
BREF = 39.8490 INCHES ZMRP = .0000 INCHES
SCALE = .0300 SCALE

PARAMETRIC DATA

ALPHAT = 4.000 ORBINC = .500
RUDDER = -10.000 ELEVON = .000
RUDFLR = .000

SECTION (1)LOWER WING

DEPENDENT VARIABLE CP

MACH (1) = 1.097 BETAT (1) = -8.200

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.1320	-.0670	.4240	.6760	.6060	.5980	.3860
.090				.4750	.4700	.4320	.4810
.081			.5340				
.086		.1750					
.094	-.0160						
.150				.4290	.4310	.3570	.3680
.177			.4330				
.229	.0950						
.246		.4360					
.250				.3320	.3600	.3570	.3110
.362	.4150						
.400				.3110	.2810		.2080
.402			.2830				
.497	.4240						
.550				.1350	-.0095		
.565			.1480				
.600							-.0190
.650						-.0510	
.700	.1910				-.1580		
.725				-.1540			
.750						-.1790	-.2190
.760			-.3130				
.775				-.2740	-.2440		
.808			-.3130				
.834	-.2900						
.850				-.4170	-.3410	-.3420	
.857			-.4760				
.865	-.5180						
.900	-.6390			-.4910			-.2620
.905			-.3990				
.950				-.5580	-.4800	-.4430	
.953			-.2320				
.965	-.1140						

MACH (1) = 1.099 BETAT (2) = -4.090

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.2750	-.1850	.3550	.6670	.5520	.5460	.3360
.050				.3750	.3640	.3360	.4090

DATE 25 SEP 73 TABULATED PRESSURE DATA - IA9A (RBNL27)

AMES 11-7D7 IA9 C2A + S3 + T9 LOWER WING

DEPENDENT VARIABLE CP

SECTION (1)LOWER WING

MACH (1) = 1.099 BETAT (2) = -4.090

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.150				.3340	.3430	.2900	.3050
.177			.3420				
.229	.0330						
.246		.3520					
.250				.2340	.2820	.2980	.2610
.362	.3240						
.400				.2450	.2200		.1610
.402			.1660				
.497	.3210						
.550				.0890	-.0490		
.565			.0800				-.0870
.600						-.0[illegible]	
.650					-.1930		
.700	.1120			-.1690			
.725						-.2120	-.2540
.750							
.780			-.3440				
.775				-.3070	-.2780		
.808			-.3510				
.834	-.3250						
.850				-.4370	-.3650	-.3730	
.857			-.5070				
.885	-.5470						
.900	-.3610			-.5150			-.2170
.905			-.1980				
.950				-.2190	-.5080	-.4890	
.955			-.1640				
.965	-.1120						

MACH (1) = 1.100 BETAT (3) = .020

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.4860	-.3390	.2690	.5310	.4740	.4810	.2870
.050				.2640	.2570	.2580	.3510
.081			.3610				
.106		.0690					
.134	-.1530						
.150				.2330	.2430	.2260	.2480
.177			.2290				
.229	.0920						
.246		.2340					
.250				.1260	.2180	.2440	.2[illegible]
.362	.2230						
.400				.1810	.1670		.12[illegible]
.402			.1660				
.497	.1750						

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A

AMES 11-7FT IA9 C2A + S3 + T9 LOWER WING (RBML27)

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (1) = 1.150 BETAT (3) = .020

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.550				.0290	-.0860		
.565			-.0010				-.1250
.600						-.1250	
.650					-.2300		
.700	.0130			-.2370			
.725						-.2450	-.2890
.750			-.4030				
.760				-.3490	-.3190		
.775			-.4000				
.818							
.834	-.3980			-.4840	-.4040	-.4090	
.850			-.5390				
.857							
.865	-.2990			-.2250			-.2710
.900	-.2620		-.1670				
.905				-.1530	-.5360	-.5040	
.950			-.1370				
.953							
.965	-.0820						

MACH (1) = 1.099 BETAT (4) = 4.140

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.5990	-.2380	.1560	.4500	.4150	.4150	.2230
.050				.2110	.2230	.2100	.3100
.081			.2760				
.086		.0550					
.094	-.2250			.1780	.2630	.1760	.2190
.150							
.177			.1680				
.229	.0670						
.246		.1810					
.250				.1960	.1740	.2010	.1770
.362	.1610						
.400				.1260	.1240		.0900
.402			.0620				
.497	.0480			-.0110	-.1110		
.550							
.565			-.0240				-.1530
.600						-.1530	
.650					-.2560		
.700	-.0390			-.2660			
.725						-.2740	-.3140
.750							
.760			-.4220				
.775				-.3790	-.3440		

AMES 11-707 IA9 C2A + S3 + T9 LOWER WING

SECTION (1)LOWER WING

DEPENDENT VARIABLE CP

MACH (1) = 1.099 BETAT (4) = 4.140

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.808			-.4190				
.834	-.3720						
.850				-.5060	-.4340	-.4330	
.857			-.4960				
.865	-.2720						
.900	-.2310			-.2100			-.3150
.905			-.1880				
.950				-.1300	-.3140	-.5300	
.953			-.1030				
.965	-.1240						

MACH (1) = 1.101 BETAT (5) = 8.260

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.6310	-.1540	.0370	.3440	.2450	.2990	.1230
.050				.2030	.2010	.2050	.2930
.081			.2940				
.086		.0690					
.094	-.3160						
.30				.1660	.1850	.1670	.1840
.177			.1880				
.229	.0570						
.246		.1800					
.250				.0710	.1550	.1720	.1430
.362	.1390						
.400				.1050	.0970		.0780
.402			-.0090				
.497	.1000						
.550				-.0480	-.1270		
.565			-.0780				
.600							-.1630
.650						-.1730	
.700	-.1540				-.2650		
.725				-.2820			
.750						-.2780	-.3290
.760			-.3430				
.775				-.3520	-.3450		
.808			-.2660				
.834	-.2030						
.850				-.4040	-.4280	-.4330	
.857			-.2870				
.865	-.2120						
.900	-.2040			-.4060			-.3310
.905			-.2720				
.950				-.3010	-.2580	-.5070	
.953			-.2360				

SECTION (1)LOWER WING

DEPENDENT VARIABLE CP

MACH (1) = 1.101 BETAT (5) = 8.260

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.965	-.1900						

MACH (2) = 1.249 BETAT (1) = -8.150

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.0810	-.0290	.5010	.7840	.7030	.7050	.5280
.050				.4830	.4730	.4400	.5150
.081			.5530				
.086		.0900					
.094	.0790						
.150				.4560	.4660	.3930	.4200
.177			.4600				
.229	.0600						
.246		.4610					
.250				.3580	.4010	.4180	.3860
.362	.4040						
.400				.3780	.3500		.3060
.402			.3190				
.497	.4620						
.550				.2390	.1080		
.565			.2310				
.600							.0710
.650						.0560	
.700	.2740				-.0330		
.725				-.0120			
.750						-.0560	-.0990
.760			-.1280				
.775				-.1170	-.1080		
.808			-.1620				
.834	-.1250						
.850				-.2520	-.1950	-.2020	
.857			-.2960				
.865	-.3250						
.900	-.4350			-.3230			-.0920
.905			-.4350				
.950				-.3900	-.3270	-.2930	
.953			-.4600				
.965	-.3970						

MACH (2) = 1.247 BETAT (2) = -4.060

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.2050	-.1780	.3800	.7110	.6730	.6300	.4680
.050				.3960	.3910	.3410	.4450
.081			.4830				
.086		.0120					
.094	.0010						

AMES 11-7D7 1A9 C0A + S3 + T9 LOWER WING

SECTION (1:LOWER WING

DEPENDENT VARIABLE CP

MACH (2) = 1.247 BETAT (2) = -4.080

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.150				.3780	.3570	.3130	.3380
.177			.3830				
.229	-.0190						
.246		.3740					
.250				.2660	.3010	.3580	.3320
.362	.1380						
.400				.2710	.2860		.2600
.402			.2000				
.497	.3700						
.550				.1570	.0640		
.565			.1240				.0240
.600						.0080	
.650					-.0820		
.700	.0740			-.0280			
.725						-.0970	-.1440
.750							
.760			-.1500				
.775				-.1390	-.1470		
.809			-.1880				
.834	-.1500						
.850				-.2710	-.2100	-.2430	
.857			-.3200				
.885	-.3490						
.900	-.4590			-.3410			-.1320
.905			-.4530				
.930				-.4070	-.3430	-.3120	
.953			-.4730				
.965	-.2860						

MACH (2) = 1.249 BETAT (3) = .080

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.3530	-.3150	.2850	.5060	.5390	.5430	.3990
.050				.3200	.3160	.2420	.3560
.081			.3900				
.086		-.0550					
.094	-.0690						
.150				.2850	.2760	.2160	.2750
.177			.2840				
.229	-.0780						
.246		.2580					
.291				.1680	.2030	.2560	.2550
.362	.1930						
.400				.1250	.1930		.1970
.402			.0610				
.497	.2250						

DATE 20 SEP 73 TABULATED PRESSURE DATA FOR TRIJET

AMES 11-707 IA9 OEA + S3 + T9 LOWER WING (RBWL27)

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (2) = 1.249 BETAT (3) = .020

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.550				.0920	.0240		
.565			.0380				-.0100
.600						-.0220	
.650					-.0910		
.700	-.0220			-.0660			
.725						-.1120	-.1650
.750			-.1960				
.760				-.1770	-.1470		
.775			-.2400				
.808							
.834	-.2510			-.3050	-.2500	-.2510	
.850			-.3630				
.857							
.865	-.3970			-.3730			-.2190
.900	-.4150		-.4660				
.905				-.4300	-.3790	-.3440	
.950			-.4490				
.953							
.965	-.2460						

MACH (2) = 1.251 BETAT (4) = 4.110

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.4900	-.3130	.1650	.5140	.4540	.4680	.3700
.050				.2120	.2170	.1770	.3620
.081			.2830				
.086		-.0970					
.094	-.1300						
.150				.1560	.1660	.2170	.2900
.177			.1640				
.229	-.1300						
.246		.2020					
.258				.0700	.1930	.2840	.2740
.362	.1660						
.414				.1410	.2240		.2150
.462			.0610				
.497	.0380						
.550				.1610	.1260		
.565			.0060				
.614							-.0330
.650						-.0440	
.700	-.0420				-.1250		
.725				-.1120			
.750						-.1430	-.1960
.760			-.2300				
.775				-.2160	-.1970		

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A (RBML27)

AMES 11-7x7 IA9 C2A + S3 + T9 LOWER WING

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (2) = 1.251 BETAT (4) = 4.110

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.808			-.2560				
.83?	-.2360						
.850				-.3260	-.2710	-.2790	
.857			-.3780				
.885	-.3210						
.900	-.2140			-.3870			-.2100
.905			-.4080				
.950				-.4450	-.3870	-.3630	
.953			-.2630				
.985	-.2100						

MACH (2) = 1.846 BETAT (5) = 8.210

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.4690	-.2670	.0470	.4090	.3450	.3900	.2470
.050				.2450	.2030	.1390	.2820
.081			.2810				
.086		.0800					
.094	-.1970			.1560	.1610	.1450	.1990
.150							
.177			.2180				
.229	-.0370						
.248		.1680		.0830	.1330	.1870	.1700
.290							
.382	.1190			.0990	.1170		.1330
.400							
.402			.0280				
.497	.1400						
.550				.0030	-.0440		
.565			-.0520				
.600							-.0810
.650						-.0950	
.700	-.0880				-.1760		
.725				-.1780			
.750						-.1910	-.2430
.760			-.2920				
.775				-.2740	-.2420		
.808			-.2930				
.834	-.1910						
.850				-.3770	-.3120	-.3190	
.857			-.3170				
.865	-.2070						
.900	-.1920			-.4220			-.2580
.905			-.3070				
.950				-.4320	-.4250	-.3990	
.953			-.2860				

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A

AMES 11-707 IA9 C2A + S3 + T9 LOWER WING (RSML27)

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (2) = 1.246 BETAT (5) = 8.210

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.965	-.1680						

AMES 11-707 IA9 C2A + S3 + T9 LOWER WING

REFERENCE DATA

SREF =	2.4210 SQ.FT.	XMRP =	28.5300 INCHES
LREF =	39.8490 INCHES	YMRP =	.0000 INCHES
BREF =	39.8490 INCHES	ZMRP =	.0000 INCHES
SCALE =	.0300 SCALE		

PARAMETRIC DATA

ALPHAT =	6.000	ORBINC =	.500
RUDDER =	-10.000	ELEVON =	.000
RUDFLR =	.000		

SECTION (1)LOWER WING

MACH (1) = 1.099 BETAT (1) = -8.190

DEPENDENT VARIABLE CP

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.1610	-.1460	.3910	.6320	.5560	.5310	.2680
.050				.5440	.5450	.5160	.5630
.081			.5730				
.086		.2040					
.094	.0870			.4690	.4820	.4140	.4250
.150			.4580				
.177							
.229	.1510						
.248		.4550		.3630	.4020	.3970	.3540
.290							
.382	.4250			.3280	.3100		.2420
.400			.2970				
.402							
.497	.4240			.1410	.0130		
.550			.1480				.0130
.585						-.0250	
.600					-.1480		
.650							
.700	.1900			-.1480		-.1530	-.1880
.725							
.750			-.3070				
.760				-.2620	-.2290		
.775			-.3060				
.808							
.834	-.2690			-.4090	-.3280	-.3200	
.850			-.4680				
.857							
.865	-.5150			-.4930			-.1650
.900	-.6310		-.6050				
.905				-.5470	-.4720	-.4220	
.950			-.2280				
.953							
.965	-.1830						

MACH (1) = 1.098 BETAT (2) = -4.080

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.3370	-.3250	.2780	.5700	.4970	.4760	.2660
.050				.4530	.4580	.4370	.5060
.081			.5020				
.086		.1100					
.094	-.0570						

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A (RBML28)

AMES 11-707 IA9 O2A + S3 + T9 LOWER WING

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (1) = 1.098 BETAT (2) = -4.080

Y/BW	.299	.364	.427	.534	.573	.780	.887
X/CW							
.150				.3890	.4090	.3670	.3690
.177			.3810				
.229	.1200						
.246		.3800					
.250				.28[illegible]	.3570	.3480	.3080
.362	.3400						
.400				.2700	.2610		.2010
.402			.2230				
.497	.3400						
.550				.1010	-.0240		
.565			.0950				-.0420
.600						-.0560	
.650					-.1730		
.700	.1250						
.725				-.1840			
.750						-.1840	-.2190
.760			-.3430				
.775				-.2980	-.2600		
.808			-.3420				
.834	-.3310						
.850				-.4360	-.3530	-.3510	
.857			-.5090				
.865	-.5460						
.900	-.3410			-.5130			-.1850
.905			-.2070				
.950				-.2010	-.4900	-.4490	
.953			-.1710				
.965	-.0920						

MACH (1) = 1.099 BETAT (3) = .020

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.5520	-.5020	.2020	.4970	.4430	.4350	.1630
.050				.3400	.3610	.3610	.4470
.081			.4050				
.086		.0630					
.094	-.1190						
.150				.2880	.3270	.3080	.3180
.177			.2720				
.229	.0710						
.246		.2750					
.250				.1890	.2760	.3020	.2650
.362	.2320						
.400				.2150	.2180		.1690
.402			.1370				
.497	.1940						

DATE 20 SEP 73 TABULATED PRESSURE DATA - 1A9A (RBML20)

AMES 11-707 1A9 CBA + S3 + T9 LOWER WING

DEPENDENT VARIABLE CP

SECTION (1)LOWER WING

MACH (1) = 1.099 BETAT (3) = .020

Y/BW	.299	.364	.427	.534	.675	.780	.887
X/CW							
.550				.0550	-.0640		
.565			.0250				-.0890
.600						-.0910	
.650					-.2070		
.700	.0930			-.2240			
.725						-.2180	-.2530
.750			-.3020				
.760				-.3360	-.2990		
.775			-.3390				
.808							
.834	-.3870			-.4570	-.3830	-.3660	
.850			-.5420				
.857							
.865	-.2980			-.4550			-.2420
.900	-.2450		-.1900				
.905				-.1360	-.5230	-.4810	
.950			-.1360				
.953							
.965	-.0880						

MACH (1) = 1.102 BETAT (4) = 4.150

Y/BW	.299	.364	.427	.534	.675	.780	.887
X/CW							
.000	-.5980	-.2970	.0800	.4400	.3840	.3750	.1100
.050				.2740	.3090	.3040	.3960
.081			.2940				
.086		.0440					
.094	-.1900			.2250	.2640	.2600	.2700
.150			.2040				
.177							
.229	.0530						
.246		.1790		.1390	.2220	.2620	.2240
.250							
.362	.1620			.1500	.1630		.1390
.400			.0950				
.402							
.497	.0900			.0110	-.1090		
.550			-.0090				
.565							-.1150
.600						-.1260	
.650					-.2390		
.700	-.0260			-.2570			
.725						-.2540	-.2850
.750							
.760			-.4100				
.775				-.3720	-.3270		

DATE 25 SEP 73 TABULATED PRESSURE DATA - IA9A (RBML28)

AMES 11-707 IA9 C2A + S3 + T9 LOWER WING

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (1) = 1.102 BETAT (4) = 4.150

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.808			-.4070				
.834	-.3810						
.850				-.5000	-.4170	-.4160	
.857			-.5290				
.865	-.2700						
.900	-.2150			-.4100			-.2850
.905			-.2200				
.950				-.1440	-.5500	-.5120	
.953			-.1100				
.965	-.1160						

MACH (1) = 1.099 BETAT (5) = 8.280

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.6530	-.1850	-.0260	.2420	.1570	.2320	-.0030
.050				.2390	.2810	.2830	.3760
.081			.3050				
.086		.0420					
.094	-.2880						
.150				.1970	.2370	.2220	.2480
.177			.2030				
.229	.0720						
.246		.1750					
.250				.10[illegible]	.1920	.2140	.1960
.362	.1240						
.400				.1210	.1250		.1320
.402			. .140				
.497	.0870						
.550				-.0370	-.1110		
.565			-.0830				
.600							-.1260
.650						-.1470	
.700	-.1520				-.2520		
.725				-.2740			
.750						-.2560	-.3030
.760			-.3470				
.775				-.3470	-.3290		
.808			-.2660				
.834	-.2030						
.850				-.4040	-.4100	-.4160	
.857			-.2750				
.865	-.2120						
.900	-.1960			-.4[illegible]			-.3[illegible]
.905			-.2560				
.950				-.2750	-.3610	-.5030	
.953			-.2280				

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A (RBMLZ8)

AMES 11-707 IA9 O2A + S3 + T9 LOWER WING

DEPENDENT VARIABLE CP

SECTION (1)LOWER WING

MACH (1) = 1.099 BETAT (5) = 8.280

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.965	-.1780						

MACH (2) = 1.248 BETAT (1) = -8.130

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.1040	-.0780	.4390	.7530	.6740	.6620	.4320
.050				.5420	.5540	.5210	.6030
.081			.5880				
.086		.1270					
.094	.1090			.4920	.5250	.4580	.4820
.150			.4810				
.177							
.229	.1090						
.246		.4650		.3940	.4480	.4540	.4330
.250							
.362	.4190			.4000	.3840		.3450
.400			.3490				
.402							
.497	.4440			.2510	.1260		
.550			.2400				.0990
.565						.0850	
.600					-.0230		
.650							
.700	.2770			-.0040		-.0310	-.0700
.725							
.750			-.1260				
.760				-.1070	-.0980		
.775			-.1530				
.808							
.834	-.1240			-.2440	-.1810	-.1860	
.850			-.2850				
.857							
.865	-.3220			-.3130			-.1500
.900	-.4320		-.4270				
.905				-.3740	-.3190	-.2730	
.950			-.4490				
.953							
.965	-.3750						

MACH (2) = 1.231 BETAT (2) = -4.060

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.2410	-.2590	.3370	.6660	.5940	.5870	.3620
.050				.4710	.4770	.4500	.5480
.081			.5260				
.086		.0290					
.094	.0220						

DATE 21 SEP 73 TABULATED PRESSURE DATA - IA9A

AMES 11-7D7 IA9 C2A + S3 + T9 LOWER WING (RBML28)

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (2) = 1.251 BETAT (2) = -4.060

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.150				.4220	.4290	.4060	.4350
.177			.4140				
.229	.0210						
.246		.3930					
.250				.7080	.3850	.4200	.3880
.362	.3410						
.400				.3480	.3380		.3090
.402			.2470				
.497	.3740						
.550				.2070	.0990		
.565			.1210				
.600							.0640
.650						.0550	
.700	.2180				-.0450		
.725				-.0380			
.750						-.0550	-.0960
.760			-.1610				
.775				-.1350	-.1160		
.808			-.1860				
.834	-.1590						
.850				-.2640	-.2020	-.2050	
.857			-.3110				
.865	-.3470						
.900	-.4530			-.3330			-.1130
.905			-.4490				
.950				-.3950	-.3310	-.2940	
.953			-.4670				
.965	-.2580						

MACH (2) = 1.249 BETAT (3) = .010

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.3930	-.3760	.1850	.5610	.5150	.5110	.3150
.050				.3830	.3490	.3320	.4670
.081			.4310				
.086		-.0330					
.094	-.0410						
.150				.3260	.3260	.2910	.3630
.177			.3150				
.229	-.0390						
.246		.2680					
.250				.1960	.2480	.3450	.3440
.362	.2050						
.400				.1800	.2750		.2740
.402			.0950				
.497	.2320						

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A

AMES 11-707 IA9 C2A + S3 + T9 LOWER WING (RBHL28)

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (2) = 1.249 BETAT (3) = .010

Y/BW / X/CW	.299	.364	.427	.534	.673	.780	.887
.550				.1740	.0850		
.585			.1400				
.600							.0240
.650						.0120	
.700	.0920				-.0910		
.725				-.1040			
.750						-.0980	-.1390
.760			-.2260				
.775				-.1940	-.1700		
.808			-.2510				
.834	-.2340						
.850				-.3130	-.2680	-.2470	
.857			-.3710				
.865	-.4060						
.900	-.3390			-.3790			-.2040
.905			-.4950				
.950				-.4370	-.3700	-.3370	
.953			-.4560				
.965	-.2190						

MACH (2) = 1.245 BETAT (4) = 4.120

Y/BW / X/CW	.299	.364	.427	.534	.673	.780	.887
.000	-.4400	-.3620	.0700	.4700	.4340	.4480	.2660
.050				.2640	.3230	.3290	.4630
.081			.3020				
.086		-.0710					
.094	-.1110						
.150				.2270	.2745	.3210	.3430
.177			.1810				
.229	-.1100						
.246		.1890					
.250				.1540	.2670	.3430	.3050
.362	.1650						
.400				.1950	.2450		.2360
.402			.0910				
.497	.0340						
.550				.1050	.0340		
.565			.1000				
.600							-.1810
.650						-.0120	
.700	.0380				-.1070		
.725				-.1290			
.750						-.1250	-.1590
.760			-.2490				
.775				-.2220	-.1920		

DATE 25 SEP 73 TABULATED PRESSURE DATA - IA9A

AMES 11-707 IA9 02A + S3 + T9 LOWER WING (RBML28)

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (2) = 1.245 BETAT (4) = 4.120

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.808			-.2700				
.834	-.2640						
.850				-.3050	-.2720	-.2670	
.857			-.3890				
.865	-.3270						
.900	-.1870			-.3990			-.1850
.905			-.4770				
.950				-.4490	-.3660	-.3590	
.953			-.2450				
.965	-.2000						

MACH (2) = 1.245 BETAT (5) = 8.230

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.4770	-.3060	-.0220	.3150	.2810	.3480	.1510
.050				.2600	.2650	.2210	.3600
.081			.2850				
.086		.0690					
.094	-.1680						
.150				.2040	.2300	.2010	.2490
.177			.2340				
.229	-.0010						
.246		.1550					
.250				.1330	.1750	.2260	.2260
.362	.0910						
.400				.1100	.1510		.1870
.402			.0360				
.497	.1470						
.550				.0220	-.0310		
.565			-.0350				
.600							-.0490
.650						-.0700	
.700	-.1040				-.1560		
.725				-.1740			
.750						-.1690	-.2090
.760			-.2900				
.775					-.2670	-.2290	
.808			-.2830				
.834	-.1770						
.850				-.3700	-.2990	-.2990	
.857			-.2960				
.865	-.1890						
.900	-.1830			-.4090			-.2260
.905			-.2900				
.950				-.4090	-.4120	-.3840	
.953			-.2730				

SECTION (1)LOWER WING

MACH (2) = 1.245 BETAT (5) = 8.230

DEPENDENT VARIABLE CP

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.965	-.1540						

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A

AMES 11-707 IA9 O2A + S3 + T9 LOWER WING (RBML29) (27 APR 73)

REFERENCE DATA

SREF = 2.4210 SQ.FT. XMRP = 28.5300 INCHES
LREF = 39.8490 INCHES YMRP = .0000 INCHES
BREF = 39.8490 INCHES ZMRP = .0000 INCHES
SCALE = .0300 SCALE

PARAMETRIC DATA

ALPHAT = 8.000 ORBINC = .500
RUDDER = -10.000 ELEVON = .000
RUDFLR = .000

SECTION (1)LOWER WING

DEPENDENT VARIABLE CP

MACH (1) = 1.098 BETAT (1) = -8.160

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.2550	-.2820	.2850	.6000	.5010	.4550	.1340
.050				.6140	.6230	.5960	.6340
.081			.6250				
.086		.2290					
.094	.0600						
.150				.5240	.5480	.4890	.4790
.177			.5050				
.229	.1890						
.246		.4680					
.250				.4120	.4550	.4510	.4030
.362	.4410						
.400				.3610	.3520		.2910
.402			.3310				
.497	.4390						
.550				.1650	.0520		
.565			.1710				
.600							.0470
.650						.0100	
.700	.2080				-.1230		
.725				-.1270			
.750						-.1140	-.1540
.760			-.2920				
.775				-.2410	-.2000		
.800			-.2900				
.834	-.2820						
.850				-.3900	-.3030	-.2890	
.857			-.4520				
.865	-.3090						
.900	-.6160			-.4770			-.1260
.905			-.6180				
.950				-.5320	-.4480	-.3930	
.953			-.2250				
.965	-.1880						

MACH (1) = 1.098 BETAT (2) = -4.070

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.4320	-.4990	.1730	.5330	.4590	.4140	.1690
.050				.5220	.5460	.5210	.5750
.081			.5420				
.086		.1190					
.094	.0050						

AMES 11-/07 IA9 CEA + S3 + T9 LOWER WING

DEPENDENT VARIABLE CP

SECTION (1)LOWER WING

MACH (1) = 1.096 BETAT (2) = -4.070

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.150				.4410	.4720	.4320	.4250
.177			.4140				
.229	.1220						
.246		.3960		.3320	.3900	.4010	.3570
.250							
.362	.3430			.3050	.3000		.2470
.400			.2540				
.402							
.497	.3410			.1200	.0040		
.590			.1080				-.0030
.585						-.0210	
.600					-.1510		
.650							
.700	.1270			-.1680		-.1470	-.1810
.725							
.750			-.3370				
.760				-.2780	-.2330		
.775			-.3360				
.808							
.834	-.3430			-.4220	-.3320	-.3190	
.850			-.4910				
.857							
.865	-.5210			-.5080			-.1740
.900	-.2970		-.5860				
.905				-.3640	-.4750	-.4250	
.950			-.2090				
.953							
.965	-.1140						

MACH (1) = 1.096 BETAT (3) = .020

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.5990	-.5140	.0940	.4650	.4140	.3790	.0470
.050				.4070	.4470	.4520	.5210
.081			.4390				
.086		.0600					
.094	-.0410			.3380	.3840	.3790	.3780
.150			.3050				
.177							
.229	.0680						
.246		.2910		.2410	.3240	.3530	.3140
.250							
.362	.2460			.2350	.2480		.2140
.400			.1610				
.402							
.497	.2140						

DATE 26 SEP 73 TABULATED PRESSURE DATA - IA9A (RBML29)

AMES 11-707 IA9 C2A + S3 + T9 LOWER WING

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (1) = 1.098 BETAT (3) = .020

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.550				.0660	-.0340		
.565			.0340				-.0340
.600						-.0550	
.650					-.1850		
.700	.0450			-.2160			
.725						-.1840	-.2130
.750							
.760			-.3940				
.775				-.3270	-.2740		
.808			-.3820				
.834	-.3600						
.850				-.4560	-.3650	-.3520	
.857			-.4720				
.865	-.2450						
.900	-.2140			-.5340			-.2150
.905			-.3310				
.950				-.1630	-.4980	-.4530	
.953			-.1130				
.965	-.0790						

MACH (1) = 1.098 BETAT (4) = 4.150

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.5970	-.3760	.0120	.3990	.3670	.3490	.0080
.050				.3310	.3890	.3850	.4760
.081			.3140				
.086		.0250					
.094	-.1410						
.150				.2640	.3290	.3270	.3380
.177			.2330				
.229	.0400						
.246		.1860					
.250				.1780	.2680	.3090	.2790
.362	.1480						
.400				.1650	.1980		.1850
.402			.1110				
.497	.1160						
.550				.0160	-.0720		
.565			-.0040				-.0660
.600						-.0910	
.650					-.2260		
.700	-.0170			-.2520			
.725						-.2170	-.2450
.750							
.760			-.4180				
.775				-.3660	-.3110		

AMES 11-707 IA9 CRA + S3 + T9 LOWER WING

DEPENDENT VARIABLE CP

SECTION (1)LOWER WING

MACH (1) = 1.098 BETAT (4) = 4.190

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.808			-.4090				
.834	-.3630			-.4850	-.4000	-.3880	
.850			-.3270				
.857							
.865	-.2160			-.5500			-.2480
.900	-.1950		-.3160				
.905				-.1890	-.5280	-.4860	
.950			-.1440				
.953							
.965	-.1180						

MACH (1) = 1.098 BETAT (5) = 8.310

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.6720	-.2510	-.1570	.1270	.1940	.2500	-.0650
.050				.2700	.3150	.3250	.4330
.061			.3140				
.066		-.0050					
.094	-.2560			.2100	.2800	.2590	.2960
.150			.2180				
.177							
.229	.0640						
.246		.1570		.1210	.2050	.2520	.2390
.250							
.362	.1140			.1170	.1360		.1720
.400			.0920				
.402							
.497	.0620			-.0320	-.1070		
.550			-.0750				-.0970
.565						-.1310	
.600					-.2540		
.650							
.700	-.1390			-.2790			
.725						-.2490	-.2770
.750			-.3470				
.760				-.3260	-.3270		
.775			-.2530				
.808							
.834	-.1940			-.3750	-.4090	-.4110	
.850			-.2620				
.857							
.865	-.2080			-.3820			-.2770
.900	-.1990		-.2700				
.905				-.2560	-.4740	-.4960	
.950			-.2300				
.953							

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A

AMES 11-707 IA9 OEA + S3 + T9 LOWER WING (RUN29)

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (1) = 1.098 BETAT (5) = 8.310

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.965	-.1700						

MACH (2) = 1.247 BETAT (1) = -8.100

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.1220	-.1540	.3970	.7220	.6380	.6040	.3220
.050				.6060	.6320	.6060	.6760
.081			.6290				
.086		.1710					
.094	.1430			.5360	.5830	.5370	.5400
.150							
.177			.5110				
.229	.1460						
.246		.4900					
.250				.4320	.4950	.5150	.4900
.362	.4330						
.400				.4200	.4190		.3850
.402			.3710				
.497	.4610						
.550				.2620	.1410		
.565			.2500				
.600							.1320
.650						.1160	
.700	.2860				-.0120		
.725				.0020			
.750						-.0060	-.0360
.760			-.1200				
.775				-.0970	-.0690		
.808			-.1450				
.834	-.1190						
.850				-.2340	-.1660	-.1580	
.857			-.2790				
.865	-.3180						
.900	-.4250			-.3040			-.0250
.905			-.4210				
.950				-.3610	-.2940	-.2540	
.953			-.4310				
.965	-.3710						

MACH (2) = 1.249 BETAT (2) = -4.040

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.2970	-.3220	.2440	.6310	.5630	.5330	.2440
.050				.5350	.5630	.5400	.6330
.081			.5630				
.086		.0600					
.094	.0480						

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A (RBNL29)

AMES 11-707 IA9 CBA + S3 + T9 LOWER WING

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (2) = 1.249 BETAT (2) = -4.040

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.150				.4670	.5090	.4920	.4960
.177			.4480				
.229	.0820						
.246		.4000					
.250				.3570	.4430	.4790	.4410
.382	.3410						
.400				.3760	.3760		.3550
.402			.3080				
.497	.3810						
.550				.2270	.1180		
.583			.2060				
.600							.0990
.650						.0910	
.700	.2800				-.0900		
.725				-.0240			
.750						-.0270	-.0620
.780			-.1540				
.775				-.1260	-.0940		
.808			-.1790				
.854	-.1680						
.850				-.2580	-.1860	-.1820	
.857			-.3080				
.865	-.3580						
.900	-.4270			-.3260			-.0890
.905			-.4440				
.950				-.3630	-.3160	-.2740	
.953			-.4570				
.965	-.2430						

MACH (2) = 1.249 BETAT (3) = .020

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.4120	-.3890	.0560	.5200	.4810	.4710	.1960
.050				.4500	.4730	.4520	.5700
.081			.4700				
.086		.0270					
.094	-.0180						
.150				.3750	.4030	.4240	.4370
.177			.3430				
.229	.0090						
.246		.2870					
.250				.2440	.3690	.4270	.3980
.332	.2110						
.400				.3140	.3190		.3110
.402			.1780				
.497	.2440						

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A (RBML29)

AMES 11-707 IA9 CBA + S3 + T9 LOWER WING

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (2) = 1.249 BETAT (3) = .020

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.550				.1490	.0790		
.565			.1190				.0600
.600						.0430	
.650					-.0710		
.700	.1180			-.0820			
.725						-.0680	-.1050
.750							
.760			-.2190				
.775				-.1760	-.1460		
.808			-.2430				
.834	-.2290						
.850				-.2960	-.2270	-.2190	
.857			-.3550				
.865	-.4010						
.900	-.2140			-.3650			-.1490
.905			-.4810				
.950				-.4190	-.3520	-.3120	
.953			-.4610				
.965	-.1910						

MACH (2) = 1.249 BETAT (4) = 4.130

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.4320	-.3950	-.0160	.4310	.4070	.4280	.1790
.050				.3160	.3930	.4110	.5390
.081			.3090				
.086		.0280					
.094	-.0950						
.150				.2690	.3290	.3940	.4030
.177			.2020				
.229	-.0720						
.246		.1630					
.250				.1710	.3220	.3830	.3600
.362	.1510						
.400				.2230	.2600		.2840
.402			.1110				
.497	.0520						
.55.				.0940	.0480		
.565			.0700				
.690							.0410
.650						.0130	
.700	.0770				-.0990		
.725				-.1280			
.750						-.1050	-.1250
.760			-.2520				
.775				-.2210	-.1830		

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A (RBML29)

AMES 11-707 IA9 O2A + S3 + T9 LOWER WING

DEPENDENT VARIABLE CP

SECTION (1)LOWER WING

MACH (2) = 1.249 BETAT (4) = 4.130

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.808			-.2660				
.834	-.2460						
.850				-.3310	-.2620	-.2460	
.857			-.3750				
.865	-.2160						
.900	-.1600			-.3950			-.1490
.905			-.3170				
.950				-.4360	-.3610	-.3390	
.953			-.2730				
.965	-.1830						

MACH (2) = 1.248 BETAT (5) = 8.250

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.4760	-.3600	-.0880	.2570	.2790	.3110	.0880
.050				.2900	.3240	.2880	.4410
.081			.3100				
.088		.0200					
.094	-.1870			.2430	.2620	.2580	.3240
.150							
.177			.2430				
.229	.0730						
.246		.1420		.1310	.1940	.2850	.2860
.250							
.362	.0750			.1260	.1870		.2280
.400							
.402			.0220				
.497	.1560			.0570	-.0210		
.590							
.565			-.0130				-.0160
.600						-.0530	
.650					-.1610		
.700	-.0980			-.1890			
.725						-.1550	-.1830
.750							
.760			-.2920				
.775				-.2790	-.2530		
.808			-.2470				
.834	-.1750			-.3630	-.3050	-.2930	
.850							
.857			-.2570				
.865	-.1750						
.900	-.1710			-.3670			-.1980
.905			-.2700				
.950				-.3570	-.4150	-.3790	
.953			-.2670				

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A

AMES 11-707 IA9 OEA + S3 + T9 LOWER WING (RBML29)

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (2) = 1.246 BETAT (5) = 8.250

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.965	-.1520						

DATE 20 SEP 73 TABULATED PRESSURE DATA - 1A9A (RBML3D) (27 APR 73)

AMES 11-7D7 1A9 CEA + S3 + T9 LOWER WING

REFERENCE DATA

SREF = 2.4210 SQ.FT. XMRP = 28.5300 INCHES
LREF = 39.8490 INCHES YMRP = .0000 INCHES
BREF = 39.8490 INCHES ZMRP = .0000 INCHES
SCALE = .0300 SCALE

PARAMETRIC DATA

ALPHAT = -8.000 ORBINC = .500
RUDDER = -15.000 ELEVON = .000
RUDFLR = .000

SECTION (1)LOWER WING

MACH (1) = 1.101 BETAT (1) = -8.180

DEPENDENT VARIABLE CP

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.0940	-.2500	.4920	.6860	.6270	.5840	.5350
.050				-.1020	-.2420	-.6770	-.5210
.081			.1590				
.088		-.0800					
.094	-.1840			.1370	-.1260	-.1780	-.4210
.150			.1620				
.177							
.229	-.1150						
.246		.2580		.0280	-.0710	-.0[illegible]	-.3140
.250							
.362	.2950			.0180	-.0110		-.0220
.400							
.402			.0170				
.497	.2690			-.1150	-.2040		
.550							
.565			-.1040				-.1690
.600						-.2800	
.650					-.3460		
.700	-.1080			-.5250			
.725						-.3610	-.3740
.750							
.760			-.3930				
.775				-.3780	-.4250		
.808			-.4010				
.834	-.3860						
.850				-.4920	-.4700	-.4960	
.857			-.5610				
.865	-.5750						
.900	-.5790			-.5620			-.3470
.905			-.2900				
.950				-.3110	-.5150	-.2920	
.953			-.2630				
.965	-.2340						

MACH (1) = 1.102 BETAT (2) = -4.080

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.1720	-.3060	.4130	.5900	.5290	.4680	.4060
.050				-.1900	-.3820	-.6840	-.6170
.081			.1200				
.088		-.1140					
.094	-.2210						

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A (RBML3D:

AMES 11-707 IA9 02A + S3 + T9 LOWER WING

DEPENDENT VARIABLE CP

SECTION (1)LOWER WING

MACH (1) = 1.102 BETAT (2) = -4.080

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.150				.0290	-.1970	-.2[illegible]	-.5710
.177			.1000				
.229	-.1290						
.246		.1880					
.250				-.0370	-.1240	-.1570	-.4630
.362	.2480						
.400				-.0840	-.0960		-.0710
.402			-.0870				
.497	.2060						
.550				-.1800	-.2690		
.565			-.1840				
.600							-.2180
.650						-.0130	
.700	-.2050				-.4060		
.725				-.4130			
.750						-.4060	-.4090
.760			-.4410				
.775				-.4760	-.4890		
.808			-.4290				
.834	-.3870						
.850				-.5380	-.5510	-.5450	
.857			-.5630				
.865	-.3980						
.900	-.3970			-.2680			-.3950
.905			-.2590				
.950				-.2380	-.2870	-.5330	
.953			-.2510				
.965	-.1920						

MACH (1) = 1.102 BETAT (3) = .020

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.2620	-.3610	.3430	.4880	.4030	.3140	.2540
.050				-.2310	-.5190	-.7580	-.7210
.081			.1990				
.086		.0350					
.094	-.2110						
.150				-.0660	-.2650	.4010	-.6410
.177			.0290				
.229	-.1070						
.246		.1490					
.250				-.1210	-.1760	-.2720	-.5810
.362	.1720						
.400				-.1780	-.1790		-.1210
.402			-.1620				
.497	.1010						

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A (RBML30)

AMES 11-707 IA9 C2A + S3 + T9 LOWER WING

DEPENDENT VARIABLE CP

SECTION (1)LOWER WING

MACH (1) = 1.102 BETAT (3) = .020

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.550				-.2830	-.3550		
.565			-.2650				-.2680
.600						-.3809	
.650					-.4615		
.700	-.3030			-.4680			
.725						-.4700	-.4590
.750							
.760			-.4970	-.5040	-.5390		
.775							
.808			-.4840				
.834	-.4480			-.4490	-.6000	-.5690	
.850							
.857			-.6050				
.865	-.4180			-.2380			-.4420
.900	-.3840						
.905			-.2870	-.2450	-.2890	-.4000	
.950							
.953			-.2240				
.965	-.2090						

MACH (1) = 1.100 BETAT (4) = 4.160

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.3580	-.3980	.2910	.4050	.2840	.1810	.1100
.050				-.2560	-.6340	-.8310	-.7740
.061			.0800				
.086		.0300					
.094	-.2690			-.1730	-.3620	-.4970	-.7380
.150			-.0700				
.177							
.229	.0290						
.246		.1140		-.2140	-.2220	-.3640	-.3850
.250							
.360	.1320			-.2110	-.2110		-.1610
.400			-.2110				
.402							
.497	-.0910			-.2800	-.3570		
.550							
.565			-.2680				-.2940
.600						-.3690	
.650					-.4710		
.700	-.2580			-.4200			
.725						-.4620	-.4470
.750							
.760			-.5260				
.775				-.5050	-.5220		

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A

AMES 11-707 IA9 C2A + S3 + T9 LOWER WING (RBML30)

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (1) = 1.100 BETAT (4) = 4.160

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.808			-.4990				
.834	-.3820						
.850				-.5840	-.5560	-.5700	
.857			-.4400				
.865	-.3230						
.900	-.3060			-.3240			-.4470
.905			-.3910				
.950				-.2910	-.2830	-.5030	
.953			-.2170				
.965	-.2470						

MACH (1) = 1.102 BETAT (5) = 8.310

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.4780	-.3940	.2810	.3590	.2060	.0660	-.0290
.050				-.1880	-.5700	-.8430	-.7250
.081			.0900				
.086		.0930					
.094	-.2890						
.150				-.1140	-.0500	-.4470	-.7670
.177			.0020				
.229	-.0330						
.246		.0870					
.250				-.1670	-.2460	-.4810	-.7380
.362	.0680						
.400				-.2140	-.2240		-.0570
.402			-.2030				
.497	.0360						
.550				-.2820	-.3430		
.565			-.2780				
.600							-.3140
.650						-.3800	
.700	-.2450				-.4720		
.725				-.4510			
.750						-.4610	-.4490
.760			-.4810				
.775				-.5070	-.5260		
.808			-.3580				
.834	-.2690						
.850				-.5210	-.5810	-.5730	
.857			-.3530				
.865	-.2970						
.900	-.2870			-.4540			-.4620
.905			-.3320				
.950				-.2080	-.2850	-.2860	
.953			-.3230				

DATE 20 SEP 79 TABULATED PRESSURE DATA - IA9A

AMES 11-7D7 IA9 C2A + S3 + T9 LOWER WING (RBML30)

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (1) = 1.102 BETAT (1) = 8.310

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.965	-.2780						

MACH (2) = 1.244 BETAT (1) = -8.130

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	.0010	-.0780	.2940	.6720	.6370	.6160	.5980
.050				-.3950	-.3920	-.3380	-.3660
.081			.1480				
.086		-.0810					
.094	-.0560						
.150				.1450	-.2180	-.1130	-.2700
.177			.0730				
.229	-.0550						
.246		.0290					
.250				.1260	.1380	-.0480	-.2320
.362	-.0380						
.400				.1080	.0840		-.0600
.402			.1150				
.497	.3180						
.530				-.0060	-.0950		
.565			.0110				-.0980
.600						-.1540	
.650					-.2280		
.700	.0050			-.2180			
.725						-.2320	-.2350
.750							
.760			-.2430				
.775				-.2870	-.3000		
.800			-.2500				
.834	-.1840						
.850				-.3520	-.3590	-.3540	
.857			-.3850				
.865	-.3770						
.900	-.4850			-.3950			-.2350
.905			-.5080				
.950				-.4680	-.4390	-.4270	
.953			-.5340				
.965	-.3780						

MACH (2) = 1.245 BETAT (2) = -4.050

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.0820	-.1700	.1340	.5390	.5160	.4920	.4850
.050				-.4950	-.4230	-.3860	-.4240
.081			-.1140				
.086		-.1590					
.094	-.1340						

DATE 20 SEP 72 TABULATED PRESSURE DATA - IA9A

AMES 11-7ft IA9 C2A + S3 + T9 LOWER WING (RBML30)

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (1) = 1.245 2) = -4.050

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.150				-.0500	-.3540	-.1840	-.3530
.177			.0310				
.229	-.1550						
.246		-.0900					
.250				.0660	.0330	-.1610	-.3360
.362	-.0930						
.400				.0110	.0180		-.1360
.402			.0170				
.497	.2250						
.550				-.0820	-.1600		
.565			-.0690				
.600							-.1350
.650						-.2070	
.700	-.0810				-.2720		
.725				-.2760			
.750						-.2750	-.2850
.760			-.3190				
.775				-.3420	-.3470		
.808			-.2930				
.834	-.2390						
.850				-.4200	-.3980	-.3840	
.857			-.4050				
.865	-.4180						
.900	-.5100			-.4380			-.2790
.905			-.5310				
.950				-.4970	-.4760	-.4630	
.953			-.3950				
.965	-.3720						

MACH (2) = 1.249 BETAT (3) = .020

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.1590	-.1990	.0210	.4110	.4200	.3740	.3680
.050				-.4450	-.4060	-.4780	-.4570
.081			-.0400				
.086		-.1840					
.094	-.1630						
.150				.0280	-.3520	-.2570	-.4360
.177			-.0250				
.229	-.1810						
.246		-.0540					
.250				-.0170	-.0150	-.2780	-.4110
.362	-.0620						
.400				-.0690	-.0620		-.2030
.402			-.0610				
.497	.1390						

AMES 11-707 IA9 C2A + S3 + T9 LOWER WING

SECTION (1)LOWER WING

DEPENDENT VARIABLE CP

MACH (2) = 1.249 BETAT (3) = .020

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.550				-.1740	-.2210		
.565			-.1570				-.1720
.600						-.2450	
.650					-.3420		
.700	-.1710			-.3360			
.725						-.3360	-.3350
.750							
.760			-.3740				
.775				-.3960	-.4030		
.808			-.3470				
.834	-.2740						
.850				-.4730	-.4500	-.4440	
.857			-.4540				
.865	-.4480						
.900	-.3860			-.4800			-.3450
.905			-.5620				
.950				-.5290	-.5240	-.5170	
.953			-.3820				
.965	-.3600						

MACH (2) = 1.249 BETAT (4) = 4.130

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.2550	-.2530	-.0140	.3900	.3460	.2690	.2470
.050				-.3310	-.4060	-.5930	-.5730
.081			-.0280				
.086		-.2410					
.094	-.1980						
.150				-.1050	-.2820	-.3650	-.5530
.177			.0250				
.229	-.1970						
.246		.0670					
.250				-.1660	-.2110	-.3060	-.4880
.362	.0430						
.400				-.1430	-.1480		-.2150
.402			-.1340				
.497	-.0160						
.550				-.2390	-.2630		
.565			-.2060				
.600							-.1840
.650						-.2820	
.700	-.2180				-.3820		
.725				-.3530			
.750						-.3620	-.3390
.760			-.3760				
.775				-.4110	-.4260		

DATE 20 SEP 73 TABULATED PRESSURE DATA (RBML30)

AMES 11-707 IA9 C2A + S3 + T9 LOWER WING

SECTION (1)LOWER WING

DEPENDENT VARIABLE CP

MACH (2) = 1.245 BETAT (4) = 4.130

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.808			-.3830				
.834	-.3210						
.850				-.4830	-.4630	-.4460	
.857			-.4960				
.865	-.3090						
.900	-.2700			-.5220			-.3470
.905			-.4190				
.950				-.2430	-.4720	-.5030	
.953			-.2840				
.965	-.2240						

MACH (2) = 1.247 BETAT (5) = 8.250

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.3860	-.2700	.1370	.3970	.2770	.1650	.1280
.050				-.2530	-.5240	-.6050	-.5550
.081			.1000				
.086		-.2090					
.094	-.2270						
.150				-.1320	-.1360	-.3810	-.5570
.177			-.0070				
.229	-.2260						
.246		.1520					
.250				-.1390	-.1910	-.3720	-.5310
.362	.0100						
.400				-.1570	-.1710		-.0530
.402			-.1750				
.497	-.0040						
.550				-.2330	-.2660		
.565			-.2260				
.600							-.2580
.650						-.3240	
.700	-.2260				-.4050		
.725				-.3770			
.750						-.4000	-.3760
.760			-.4320				
.775				-.4370	-.4620		
.808			-.4150				
.834	-.2710						
.850				-.5160	-.4930	-.4940	
.857			-.3810				
.865	-.2830						
.900	-.2710			-.5510			-.3950
.905			-.3620				
.950				-.3460	-.5550	-.5490	
.953			-.3310				

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A (RBML30)

AMES 11-707 IA9 C2A + S3 + T9 LOWER WING

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (2) = 1.247 BETAT (5) = 8.250

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.965	-.2400						

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A (RBML31) (27 APR 73)

AMES 11-707 IA9 C2A + S3 + T9 LOWER WING

REFERENCE DATA

SREF = 2.4210 SQ.FT. XMRP = 28.5300 INCHES
LREF = 39.8490 INCHES YMRP = .0000 INCHES
BREF = 39.8490 INCHES ZMRP = .0000 INCHES
SCALE = .0300 SCALE

PARAMETRIC DATA

ALPHAT = -6.000 ORBINC = .500
RUDDER = -15.000 ELEVON = .000
RUDFLR = .000

SECTION (1)LOWER WING

DEPENDENT VARIABLE CP

MACH (1) = 1.101 BETAT (1) = -8.190

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.1130	-.1790	.5300	.7340	.6750	.6510	.5960
.050				-.0240	-.2320	-.5080	-.3980
.081			.2210				
.086		-.0490					
.094	-.1770						
.150				.1760	.0530	-.1000	-.1620
.177			.2050				
.229	-.0710						
.246		.2620					
.250				.0670	.0100	.0340	-.0350
.362	.3080						
.400				.0670	.0350		.0170
.402			.0490				
.497	.3090						
.550				-.0690	-.1770		
.565			-.0700				
.600							-.1950
.650						-.2430	
.700	-.0700				-.3150		
.725				-.2520			
.750						-.3390	-.3780
.760			-.3700				
.775				-.3470	-.3800		
.808			-.3890				
.834	-.3470						
.850				-.4860	-.4310	-.4790	
.857			-.5430				
.865	-.5610						
.900	-.4930			-.5610			-.3580
.905			-.3220				
.950				-.3310	-.5170	-.3750	
.953			-.2490				
.965	-.2230						

MACH (1) = 1.101 BETAT (2) = -4.090

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.1870	-.2120	.4530	.6410	.5740	.5440	.4860
.050				-.0820	-.2990	-.6200	-.4780
.081			.1720				
.086		-.0450					
.094	-.2040						

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A (RBML31)

AMES 11-7D7 IA9 C2A + S3 + T9 LOWER WING

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (1) = 1.101 BETAT (2) = -4.090

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.150				.0880	-.0250	-.1670	-.3810
.177			.1300				
.229	-.1350						
.246		.2130					
.250				-.0050	-.0900	-.0760	-.2030
.362	.2540						
.400				-.0280	-.0430		.0260
.402			-.0440				
.497	.2210						
.550				-.1520	-.2280		
.565			-.1560				
.600							-.2270
.650						-.2850	
.700	-.1860				-.3600		
.725				-.3710			
.750						-.3910	-.4070
.760			-.4170				
.775				-.4140	-.4610		
.808			-.4210				
.834	-.3850						
.850				-.6080	-.5220	-.5330	
.857			-.3810				
.865	-.5910						
.900	-.3320			-.3410			-.3980
.905			-.2100				
.950				-.2160	-.3290	-.5370	
.953			-.2060				
.965	-.1810						

MACH (1) = 1.080 BETAT (3) = .080

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.2830	-.2520	.3830	.5470	.4710	.4260	.3650
.050				-.1380	-.3490	-.6690	-.5860
.081			.1410				
.086		.0430					
.094	-.2190						
.150				-.0150	-.0660	-.2200	-.4260
.177			.0620				
.229	.0370						
.246		.1660					
.250				-.0850	-.1530	-.1660	-.3490
.362	.1860						
.400				-.1460	-.1380		-.0310
.402			-.1480				
.497	.1160						

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A

AMES 11-707 IA9 C2A + S3 + T9 LOWER WING (RBNL31)

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (1) = 1.099 BETAT (3) = .020

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.550				-.2160	-.3030		
.565			-.2390				
.600							-.2590
.650						-.3270	
.700	-.2360				-.4150		
.725				-.3970			
.750						-.4110	-.4360
.760			-.4660				
.775				-.4330	-.5010		
.808			-.4570				
.834	-.4390						
.850				-.5480	-.5430	-.5490	
.857			-.5880				
.865	-.3560						
.900	-.3440			-.2160			-.3380
.905			-.2450				
.950				-.1970	-.2740	-.4310	
.953			-.2010				
.965	-.1890						

MACH (1) = 1.098 BETAT (4) = 4.140

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.4020	-.2770	.3230	.4720	.3810	.2970	.2360
.050				-.1740	-.5050	-.7180	-.6080
.081			.1170				
.086		.0640					
.094	-.2580						
.150				-.1160	-.1170	-.3000	-.5830
.177			-.0230				
.229	.0490						
.246		.1310					
.250				-.1380	-.1950	-.2350	-.4750
.362	.1440						
.400				-.1800	-.1750		.0460
.402			-.1980				
.497	-.0610						
.550				-.2370	-.3040		
.565			-.2320				
.600							-.2590
.650						-.3360	
.700	-.2200				-.3990		
.725				-.3890			
.750						-.4120	-.4330
.760			-.5020				
.775				-.4800	-.4600		

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A (RBML31)

AMES 11-707 IA9 C2A + S3 + T9 LOWER WING

DEPENDENT VARIABLE CP

SECTION (1)LOWER WING

MACH (1) = 1.098 BETAT (4) = 4.140

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.808			-.4620				
.834	-.3140			-.5910	-.5270	-.5290	
.850							
.857			-.3920				
.865	-.2890			-.2820			-.4170
.900	-.2710						
.905			-.3610				
.950				-.2200	-.2980	-.5500	
.953			-.2200				
.965	-.2190						

MACH (1) = 1.097 BETAT (5) = 8.280

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.5500	-.2220	.3100	.4320	.3000	.1990	.1160
.050				-.1270	-.4080	-.7570	-.5940
.081			.1230				
.086		.0600					
.094	-.2800			-.0710	-.0850	-.3040	-.6090
.150							
.177			.0920				
.229	-.0210						
.248		.1080		-.1290	-.2150	-.2360	-.4410
.250							
.362	.0730			-.1720	-.1750		.0060
.400							
.402			-.1920				
.497	.0480			-.2470	-.3020		
.550							
.565			-.2590				-.2770
.600						-.3390	
.650					-.4220		
.700	-.2320			-.4070			
.725						-.4230	-.4220
.750							
.760			-.4320				
.775				-.4810	-.4780		
.800			-.3330				
.834	-.2710			-.4790	-.5400	-.5270	
.850							
.857			-.3210				
.865	-.2760			-.4240			-.4200
.900	-.2610						
.905			-.3090				
.950				-.2100	-.2650	-.4360	
.953			-.2960				

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A (RBML31)

AMES 11-707 IA9 O2A + S3 + T9 LOWER WING

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (1) = 1.097 BETAT (5) = 8.280

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.965	-.2550						

MACH (3) = 1.247 BETAT (1) = -8.140

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.0030	-.0230	.3140	.6960	.6880	.6870	.6530
.050				-.2980	-.1040	-.3990	-.3190
.081			.1730				
.086		-.0760					
.094	-.0530						
.150				.2640	.0090	-.0100	-.2100
.177			.1930				
.229	-.0660						
.246		-.0040					
.250				.1660	.0550	.0760	-.0560
.362	-.0610						
.400				.1300	.110		.1700
.402			.1390				
.497	.3450						
.550				.0170	-.0540		
.565			.0280				-.0710
.600						-.1260	
.650					-.1930		
.700	.0310						
.725				-.1690			
.750						-.2170	-.2420
.760			-.2180				
.775				-.2410	-.2740		
.808			-.2360				
.834	-.1840						
.850				-.3220	-.3360	-.3430	
.857			-.3690				
.865	-.3780						
.900	-.4860			-.3700			-.2510
.905			-.4930				
.950				-.4545	-.4075	-.4015	
.953			-.5150				
.965	-.4150						

MACH (2) = 1.248 BETAT (2) = -4.060

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.040	-.0780	-.1200	.1840	.6080	.5920	.5810	.5590
.050				-.3290	-.2220	-.4440	-.3940
.081			.0180				
.086		-.1500					
.094	-.1210						

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A (RRML31)

AMES 11-7D7 IA9 C2A + S3 + T9 LOWER WING

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (2) = 1.248 BETAT (2) = -4.060

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.150				.1430	-.1010	-.0930	-.2900
.177			.1440				
.229	-.1530						
.246		-.0840					
.250				.0780	-.0040	-.0100	-.1640
.362	-.1030						
.400				.0360	.0460		.1100
.482			.0430				
.497	.2600						
.550				-.0310	-.1080		
.565			-.0370				-.1190
.600						-.1540	
.650					-.2420		
.700	-.0550			-.2360			
.725						-.2500	-.2690
.750							
.760			-.2870				
.775				-.3080	-.3180		
.808			-.2690				
.834	-.2210						
.850				-.3790	-.3750	-.3710	
.857			-.3930				
.865	-.4040						
.900	-.5070			-.4020			-.2810
.905			-.5180				
.950				-.4770	-.4560	-.4440	
.953			-.4080				
.965	-.3420						

MACH (2) = 1.251 BETAT (3) = .020

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/C							
.101	-.1730	-.1530	.1070	.5340	.4950	.4690	.4540
.150				-.2850	-.2940	-.4670	-.4150
.181			.1470				
.186		-.1750					
.194	-.1750						
.150				.0620	-.0820	-.1610	-.3690
.177			.0900				
.229	-.1740						
.246		.0640					
.250				-.0090	-.0450	-.0930	-.2480
.382	-.0020						
.400				-.0340	-.0250		.0810
.482			-.0330				
.497	.1700						

AMES 11-707 IA9 C2A + S3 + T9 LOWER WING (RBNL31)

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (2) = 1.251 BETAT (3) = .020

Y/BW	.299	.364	.427	.534	.673	.780	.867
X/CW							
.550				-.1360	-.1780		
.565			-.1350				
.600							-.1710
.650						-.2250	
.700	-.1500				-.3060		
.725				-.2980			
.750						-.3110	-.3220
.760			-.3420				
.775				-.3620	-.3610		
.808			-.3220				
.834	-.2600						
.850				-.4320	-.4160	-.4200	
.857			-.4280				
.865	-.4410						
.900	-.3830			-.4480			-.3390
.905			-.5470				
.950				-.5110	-.5030	-.4800	
.953			-.3620				
.965	-.3630						

MACH (2) = 1.251 BETAT (4) = 4.120

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.2870	-.1840	.1400	.4610	.3980	.3550	.3410
.050				-.2000	-.3930	-.5430	-.4890
.081			.0840				
.086		-.2060					
.094	-.1980						
.150				-.0800	-.0760	-.2270	-.4350
.177			.0420				
.229	-.2080						
.246		.1160					
.250				-.1240	-.1490	-.1920	-.3340
.362	.0710						
.410				-.0760	-.0850		.0520
.402			-.0770				
.497	-.0050						
.550				-.1870	-.2280		
.565			-.1780				
.600							-.1710
.650						-.2330	
.700	-.2030				-.3210		
.725				-.3210			
.750						-.3090	-.3230
.760			-.3650				
.775				-.3750	-.3860		

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A

AMES 11-707 IA9 C2A + S3 + T9 LOWER WING (RBML31)

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (2) = 1.251 BETAT (4) = 4.120

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.808			-.3620				
.834	-.3210						
.850				-.4400	-.4180	-.3960	
.857			-.4690				
.865	-.3120						
.900	-.2550			-.4750			-.3390
.905			-.4410				
.950				-.2660	-.4860	-.4790	
.953			-.2790				
.965	-.2130						

MACH (2) = 1.250 BETAT (5) = 8.230

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.4170	-.2580	.2550	.4360	.3290	.2550	.2320
.050				-.1790	-.4040	-.5690	-.4670
.081			.1260				
.086		-.1550					
.094	-.2440						
.150				-.0580	.0090	-.2350	-.4640
.177			.0080				
.229	-.2430						
.246		.1380					
.250				-.0960	-.1370	-.2070	-.3460
.362	.0270						
.400				-.1020	-.1000		.0100
.402			-.1380				
.497	-.0390						
.550				-.1860	-.2340		
.565			-.2130				
.600							-.2280
.650						-.2890	
.700	-.2170				-.3620		
.725				-.3440			
.750						-.3610	-.3620
.760			-.4250				
.775				-.4000	-.4170		
.808			-.4150				
.834	-.2850						
.850				-.4860	-.4520	-.4530	
.857			-.4280				
.865	-.3020						
.900	-.2760			-.5300			-.3720
.905			-.3670				
.950				-.3970	-.5230	-.5160	
.953			-.3050				

DATE 21 SE[illegible]3 TABULATED PRESSURE DATA - IA9A (RBM_31)

AMES 11-7D7 IA9 C2A + S3 + T9 LOWER WING

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (2) = 1.250 BETAT (5) = 8.250

Y/BW	.299	.364	.427	.534	.673	.730	.887
X/CW							
.965	-.2320						

AMES 11-707 IA9 C2A + S3 + T9 LOWER WING

REFERENCE DATA

SREF =	2.4210	SQ.FT.	XMRP =	28.5500	INCHES
LREF =	39.8490	INCHES	YMRP =	.0000	INCHES
BREF =	39.8490	INCHES	ZMRP =	.0000	INCHES
SCALE =	.0300	SCALE			

PARAMETRIC DATA

ALPHAT =	-4.000	ORBINC =	.500
RUDDER =	-15.000	ELEVON =	.000
RUDFLR =	.000		

SECTION (1)LOWER WING

MACH (1) = 1.100 BETAT (1) = -8.200

DEPENDENT VARIABLE CP

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.1160	-.1030	.5540	.7660	.7140	.6940	.6430
.050				.1060	-.0320	-.2120	-.2210
.081			.3000				
.086		-.0240					
.094	-.1430						
.150				.2240	.1210	-.0050	.0550
.177			.2560				
.229	-.0680						
.246		.3040					
.250				.1160	.1040	.1110	.0890
.362	.3310						
.400				.1300	.0880		.0680
.402			.0840				
.497	.3360						
.550				-.0160	-.1290		
.565			-.0100				
.600							-.1740
.650						-.2010	
.700	.0090				-.2520		
.725				-.2230			
.750						-.2870	-.3490
.760			-.3600				
.775				-.3370	-.3440		
.808			-.3750				
.834	-.3280						
.850				-.4780	-.4270	-.4420	
.857			-.3260				
.865	-.5510						
.900	-.4920			-.5500			-.3290
.905			-.3740				
.950				-.3870	-.5540	-.5230	
.953			-.2470				
.965	-.2210						

MACH (1) = 1.090 BETAT (2) = -4.090

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.1940	-.1530	.4780	.6780	.6150	.5940	.5380
.050				.0100	-.1470	-.3860	-.3530
.081			.2340				
.086		.0130					
.094	-.1680						

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A

AMES 11-707 IA9 C2A + S3 + T9 LOWER WING (RBML32)

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (1) = 1.098 BETAT (2) = -4.090

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.150				.1490	.0550	-.1000	-.0850
.177			.1710				
.229	-.1400						
.246		.2430					
.250				.0240	-.0240	.0110	.0090
.362	.2740						
.400				.0130	.0020		.0140
.402			-.0080				
.497	.2400						
.550				-.1040	-.1990		
.565			-.1240				
.600							-.2300
.650						-.2680	
.700	-.1490				-.3500		
.725				-.3160			
.750						-.3700	-.4030
.760			-.3890				
.775				-.3640	-.4190		
.808			-.4040				
.834	-.3900						
.850				-.4980	-.4810	-.5080	
.857			-.5380				
.865	-.5830						
.900	-.2690			-.3660			-.4040
.905			-.1920				
.950				-.2040	-.4460	-.5360	
.953			-.1810				
.965	-.1620						

MACH (1) = 1.100 BETAT (3) = .020

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.2950	-.1790	.4080	.5900	.5100	.4890	.4430
.050				-.0550	-.2460	-.5020	-.4120
.081			.1910				
.086		.0830					
.094	-.1840						
.150				.0510	-.0200	-.1650	-.2200
.177			.1040				
.229	.0640						
.246		.1920					
.250				-.0470	-.1150	-.0890	-.0690
.362	.2060						
.400				-.1120	-.0890		-.0220
.402			-.1300				
.497	.1390						

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A (RBML32)

AMES 11-707 IA9 O2A + S3 + T9 LOWER WING

DEPENDENT VARIABLE CP

SECTION (1)LOWER WING

MACH (1) = 1.100 BETAT (3) = .020

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.550				-.1610	-.2640		
.565			-.2020				-.2560
.600						-.2840	
.650					-.3800		
.700	-.2450			-.3480			
.725						-.3900	-.4160
.750			-.4440				
.760				-.4100	-.4590		
.775			-.4450				
.800							
.834	-.4290			-.5220	-.4820	-.5290	
.850			-.5230				
.857							
.865	-.4020			-.2280			-.4010
.900	-.3300		-.2320				
.905				-.1880	-.3060	-.5500	
.950			-.2050				
.953							
.985	-.1880						

MACH (1) = 1.101 BETAT (4) = 4.130

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.4370	-.2090	.3270	.5200	.4340	.3970	.3370
.050				-.1150	-.3490	-.6160	-.4120
.081			.1520				
.088		.0810					
.094	-.2360			-.0640	-.0180	-.1860	-.3360
.150			.0130				
.177							
.229	.0640						
.246		.1560		-.0800	-.1370	-.1510	-.1930
.250							
.362	.1590			-.1330	-.1160		.0060
.440			-.1610				
.462							
.497	-.0370			-.1770	-.2440		
.550			-.1840				
.565							-.2450
.600						-.2930	
.650					-.3590		
.700	-.1860			-.3510			
.725						-.3770	-.4120
.750			-.4760				
.760				-.4380	-.4210		
.775							

AMES 11-707 1A9 CCA + S3 + T9 LOWER WING (RBML32)

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (1) = 1.101 BETAT (4) = 4.130

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.808			-.4650				
.834	-.3360						
.850				-.5540	-.4790	-.4960	
.857			-.3990				
.865	-.2900						
.900	-.2570			-.3950			-.3840
.905			-.3690				
.950				-.2180	-.4190	-.5680	
.953			-.2090				
.965	-.2050						

MACH (1) = 1.101 BETAT (5) = 8.260

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.6010	-.1560	.3070	.4760	.3650	.3070	.2520
.050				-.0570	-.1960	-.6210	-.4290
.081			.1660				
.086		.0730					
.094	-.2680						
.150				-.0160	-.0530	-.2150	-.3480
.177			.0650				
.229	-.0020						
.246		.1250					
.250				-.0920	-.1620	-.1340	-.1280
.362	.0960						
.400				-.1170	-.1060		.0030
.402			-.1550				
.497	.0620						
.550				-.2070	-.2640		
.565			-.2420				
.600							-.2490
.650						-.3090	
.700	-.2330				-.3880		
.725				-.3950			
.750						-.3810	-.4130
.760			-.4440				
.775				-.4570	-.4520		
.808			-.3270				
.834	-.2690						
.850				-.4630	-.5090	-.4970	
.857			-.3100				
.865	-.2720						
.900	-.2520			-.4310			-.3850
.905			-.2910				
.950				-.2230	-.2440	-.4970	
.953			-.2750				

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A

AMES 11-707 IA9 C2A + S3 + T9 LOWER WING (RBM_32)

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (1) = 1.101 BETAT (5) = 0.260

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.985	-.2480						

MACH (2) = 1.249 BETAT (1) = -0.150

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	.0080	.0070	.3660	.7650	.7400	.7430	.7060
.050				.0920	-.0200	-.2150	-.1680
.061			.2090				
.086		-.0630					
.094	-.0510						
.150				.2840	.2130	.0640	.0370
.177			.3010				
.229	-.0500						
.246		.0890					
.250				.1960	.1300	.1490	.1370
.362	-.0540						
.400				.1660	.1510		.1620
.402			.1740				
.497	.3930						
.550				.0550	-.0230		
.565			.0610				
.600							-.0590
.650						-.0920	
.700	.0600				-.1690		
.725				-.1470			
.750						-.1930	-.2250
.760			-.1760				
.775				-.1910	-.2420		
.808			-.2120				
.834	-.1660						
.850				-.2850	-.3010	-.3190	
.857			-.3470				
.865	-.3620						
.900	-.4690			-.3530			-.2490
.905			-.4740				
.950				-.4370	-.3720	-.3960	
.953			-.4940				
.965	-.4250						

MACH (2) = 1.250 BETAT (2) = -4.080

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.0740	-.0760	.2580	.6640	.6330	.6340	.6040
.050				-.1290	-.1250	-.3320	-.2410
.081			.2430				
.086		-.1380					
.094	-.1130						

AMES 11-707 IA9 C2A + S3 + T9 LOWER WING (RBML32)

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (2) = [illegible].250 BETAT (2) = -4.060

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.150				.1850	.1270	.0040	-.0970
.177			.2050				
.229	-.1300						
.246		-.0070					
.250				.1120	.0550	.0620	.0400
.362	-.0680						
.400				.0770	.0760		.1150
.402			.0690				
.497	.2830						
.550				-.0010	-.0670		
.565			-.0060				
.600							-.0970
.650						-.1260	
.700	-.0880				-.2040		
.725				-.1980			
.750						-.2240	-.2550
.760			-.2390				
.775				-.2680	-.2810		
.808			-.2480				
.834	-.2080						
.850				-.3280	-.3440	-.3510	
.857			-.3700				
.865	-.3890						
.900	-.4930			-.3750			-.2730
.905			-.4950				
.950				-.4490	-.4260	-.4290	
.953			-.5020				
.965	-.5300						

MACH (2) = [illegible].250 BETAT (3) = .020

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.1900	-.1190	.1980	.5800	.5420	.5370	.5120
.050				-.0920	-.1740	-.1870	-.2920
.081			.1870				
.086		-.1310					
.094	-.1550						
.150				.0940	.0600	-.0490	-.1770
.177			.1740				
.229	-.1710						
.246		.1650					
.250				.0380	-.0080	-.0110	-.0280
.362	.0540						
.400				-.0070	.0100		.0820
.402			-.0120				
.497	.1890						

DATE 20 SEP 73 TABULATED PRESSURE DATA - [illegible]

AMES 11-707 IA9 C2A + S3 + T9 LOWER WING (RBML32)

DEPENDENT VARIABLE CP

SECTION (1)LOWER WING

MACH (2) = 1.250 BETAT (3) = .020

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.550				-.1010	-.1500		
.565			-.0990				-.1530
.600						-.1970	
.650					-.2700		
.700	-.1250			-.2680			
.725						-.2880	-.3010
.750							
.760			-.3060	-.3310	-.3290		
.775							
.808			-.2970				
.834	-.2550			-.3980	-.3870	-.3980	
.850							
.857			-.4210				
.865	-.4280			-.4200			-.3260
.900	-.4230						
.905			-.5360				
.950				-.4680	-.4820	-.4610	
.953			-.3300				
.965	-.3300						

MACH (2) = 1.246 BETAT (4) = 4.110

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.3260	-.1560	.2240	.5150	.4370	.4190	.4210
.050				-.0840	-.2760	-.4540	-.3540
.081			.1410				
.086		-.1760					
.094	-.2050			-.0200	.0100	-.1410	-.2510
.150							
.177			.0530				
.229	-.2120						
.246		.1260		-.0810	-.1140	-.1185	-.0920
.250							
.362	.0890			-.0700	-.0560		.0580
.400							
.402			-.0660				
.497	.0070			-.1610	-.1973		
.550							
.565			-.1680				-.1580
.600						-.2040	
.650					-.2630		
.700	-.1620			-.2930			
.725						-.2770	-.3140
.750							
.760			-.3450				
.775				-.3490	-.3340		

AMES 11-707 IA9 C2A + S3 + T9 LOWER WING (RBML32)

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (2) = 1.246 BETAT (4) = 4.110

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.808			-.3450				
.834	-.3270						
.850				-.4040	-.3780	-.3900	
.857			-.4600				
.865	-.3240						
.900	-.2610			-.4340			-.3260
.905			-.4890				
.950				-.2880	-.4570	-.4620	
.953			-.2490				
.965	-.2110						

MACH (2) = 1.246 BETAT (5) = 8.210

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.4440	-.2440	.2840	.4690	.3640	.3370	.3210
.050				-.0860	-.2480	-.4340	-.3440
.081			.1190				
.086		-.0390					
.094	-.2590						
.150				.0080	.0360	-.1410	-.2460
.177			.0720				
.229	-.1990						
.246		.1130					
.250				-.0590	-.1080	-.1130	-.1310
.362	.0610						
.400				-.0740	-.0790		.0120
.402			-.0790				
.497	.0270						
.550				-.1810	-.2170		
.565			-.1900				
.600							-.2090
.650						-.2580	
.700	-.2040				-.3240		
.725				-.3170			
.750						-.3270	-.3450
.760			-.4080				
.775				-.3890	-.3730		
.808			-.3960				
.834	-.2700						
.850				-.4750	-.4240	-.4260	
.857			-.4140				
.865	-.2860						
.900	-.2570			-.5160			-.3660
.905			-.3580				
.950				-.4170	-.5070	-.4940	
.953			-.2980				

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A (RBML32)

AMES 11-70' 1A5 C2A + S3 + T9 LOWER WING

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (2) = 1.246 BETAT (5) = 8.210

Y/CW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.965	-.214						

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A (RBML33) (27 APR 73)

AMES 11-707 IA9 C2A + S3 + T9 LOWER WING

REFERENCE DATA

SREF = 2.4210 SQ.FT. XMRP = 28.5300 INCHES
LREF = 39.8490 INCHES YMRP = .0000 INCHES
BREF = 39.8490 INCHES ZMRP = .0000 INCHES
SCALE = .0300 SCALE

PARAMETRIC DATA

ALPHAT = -2.000 ORBINC = .500
RUDDER = -15.000 ELEVON = .000
RUDFLR = .000

SECTION (1)LOWER WING

DEPENDENT VARIABLE CP

MACH (1) = 1.102 BETAT (1) = -8.200

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.1180	-.0720	.5490	.7680	.7100	.7190	.6570
.050				.2200	.1590	.0840	.0690
.081			.3650				
.086		-.0140					
.094	-.1130						
.150				.2830	.2210	.1290	.1600
.177			.5050				
.229	-.0610						
.246		.3360					
.250				.1710	.1990	.1930	.1650
.362	.3530						
.400				.2050	.1520		.1220
.402			.1520				
.497	.3560						
.550				.0590	-.0790		
.565			.0630				
.600							-.1370
.650						-.1520	
.700	.1140				-.2280		
.725				-.2040			
.750						-.2650	-.3150
.760			-.3490				
.775				-.3210	-.3150		
.808			-.3590				
.834	-.3150						
.850				-.4600	-.4020	-.4140	
.857			-.5110				
.865	-.5410						
.900	-.5390			-.5340			-.3180
.905			-.4300				
.950				-.5170	-.5350	-.5040	
.953			-.2330				
.965	-.2130						

MACH (1) = 1.101 BETAT (2) = -4.090

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.0[illegible]	-.1880	-.1190	.4870	.6990	.6390	.6350	.5760
.0[illegible]				.1190	.0290	-.0410	-.0690
.081			.3020				
.086		.0440					
.094	-.1410						

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A

AMES 11-707 IA9 C2A + S3 + T9 LOWER WING (RBML33)

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (1) = 1.101 BETAT (2) = -4.090

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.150				.2020	.1250	.0190	.0700
.177			.2220				
.229	-.1290						
.246		.2810					
.250				.0740	.0750	.1100	.0790
.322	.2950						
.400				.0830	.0640		.0560
.402			.0350				
.497	.2660						
.550				-.0600	-.1540		
.565			-.0790				
.600							-.1970
.650						-.2240	
.700	-.1040				-.3020		
.725				-.2340			
.750						-.3300	-.3810
.760			-.3720				
.775				-.3460	-.3480		
.800			-.3880				
.834	-.3560						
.850				-.4880	-.4270	-.4770	
.857			-.5390				
.885	-.5690						
.900	-.3170			-.4650			-.3830
.905			-.1750				
.950				-.2070	-.5650	-.5280	
.953			-.1740				
.965	-.1540						

MACH (1) = 1.100 BETAT (3) = .020

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.100	-.3230	-.1460	.4030	.6040	.5460	.5410	.4890
.050				.0260	-.0770	-.1660	-.2170
.081			.2370				
.086		.0890					
.094	-.2070						
.150				.1210	.0530	-.0840	-.1260
.177			.1340				
.229	.0670						
.246		.2090					
.250				-.0180	-.0360	.0020	.0110
.362	.2110						
.400				-.0610	-.0270		.0280
.402			-.0990				
.497	.1460						

AMES 11-707 IA9 C2A + S3 + T9 LOWER WING (RBML33)

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (1) = 1.100 BETAT (3) = .020

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.550				-.1490	-.2020		
.565			-.1610				
.600							-.2260
.650						-.2580	
.700	-.1840				-.3500		
.725				-.2950			
.750						-.3630	-.4050
.760			-.4360				
.775				-.3840	-.3540		
.808			-.4310				
.834	-.4210						
.850				-.5160	-.4550	-.4820	
.857			-.5520				
.865	-.4190						
.900	-.2830			-.2060			-.4010
.905			-.2040				
.950				-.1790	-.3710	-.5510	
.953			-.1810				
.965	-.1390						

MACH (1) = 1.101 BETAT (4) = 4.130

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.4850	-.1730	.3270	.5440	.4650	.4680	.4210
.050				-.0290	-.1760	-.3060	-.3060
.081			.1920				
.086		.0650					
.094	-.2240						
.150				.0110	.0260	-.1290	-.1690
.177			.0520				
.229	.0740						
.246		.1710					
.250				-.0530	-.1030	-.0380	-.0110
.362	.1630						
.400				-.0690	-.0470		.1960
.402			-.1310				
.497	-.0170						
.550				-.1190	-.1990		
.565			-.1350				
.600							-.2320
.650						-.2490	
.700	-.1470				-.2990		
.725				-.2910			
.750						-.3380	-.3850
.760			-.4440				
.775				-.4110	-.3870		

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A (RPML33)

AMES 11-7D7 IA9 C2A + S3 + T9 LOWER WING

DEPENDENT VARIABLE CP

SECTION (1)LOWER WING

MACH (1) = 1.101 BETAT (4) = 4.130

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000			-.4430				
.834	-.3390			-.5420	-.4730	-.4850	
.850			-.4340				
.857							-.3790
.865	-.2650			-.2860			
.900	-.2550		-.3250				
.905				-.1940	-.3580	-.5700	
.950			-.1690				
.953							
.965	-.1560						

MACH (1) = 1.099 BETAT (5) = 8.230

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.6190	-.1167	.2630	.4830	.3960	.3850	.3290
.050				.0290	-.0850	-.1710	-.2740
.081			.2170				
.086		.0790					
.094	-.2863			.0550	.0000	-.1050	-.0470
.150			.1060				
.177							
.229	.0200						
.246		.1410		-.0580	-.0770	-.0170	-.0320
.250							
.362	.1210			-.0470	-.0550		.0120
.418							
.482			-.1020				
.497	.0860			-.1510	-.2180		
.550							
.565			-.1940				-.2210
.600						-.2190	
.650					-.3010		
.700	-.2460			-.3430			
.725						-.3320	-.3780
.750							
.760			-.3670		-.3730	-.3790	
.775							
.800			-.2620				
.834	-.2370			-.4130	-.4630	-.4820	
.850			-.2820				
.857							
.865	-.2350			-.4170			-.3770
.900	-.2160						
.905			-.2650	-.2990	-.4160	-.5540	
.950							
.953			-.2580				

DATE 20 SEP 7* TABULATED PRESSURE DATA - 1A9A

AMES 11-7D7 IA9 O2A + S3 + T9 LOWER WING (RBML33)

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (1) = 1.099 BETAT (5) = 8.250

Y/BW	.299	.384	.427	.534	.673	.780	.887
X/CW							
.965	-.2200						

MACH (2) = 1.247 BETAT (1) = -8.150

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	.0040	.0020	.4010	.8190	.7620	.7620	.7110
.050				.2170	.1590	.0490	.0380
.081			.3490				
.086		-.0250					
.094	-.0420						
.150				.3480	.2850	.1340	.1990
.177			.3450				
.229	-.0400						
.246		.2780					
.250				.2300	.2030	.2310	.2160
.362	-.0190						
.400				.2170	.2070		.2090
.402			.1980				
.497	.4210						
.550				.1000	-.0100		
.565			.0850				
.600							-.0380
.650						-.0670	
.700	.0970				-.1340		
.725				-.0810			
.750						-.1630	-.2070
.760			-.1590				
.775				-.1510	-.2080		
.808			-.1960				
.834	-.1560						
.850				-.2780	-.2540	-.2950	
.857			-.3290				
.865	-.3470						
.900	-.4600			-.3540			-.2270
.905			-.4610				
.950				-.4250	-.3680	-.3720	
.953			-.4780				
.965	-.4300						

MACH (2) = 1.246 BETAT (2) = -4.060

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.0670	-.0670	.3070	.7140	.6680	.6740	.6360
.050				.1220	.0490	-.0670	-.0580
.081			.2700				
.086		-.0850					
.094	-.0900						

DATE 25 SEP 73 TABULATED PRESSURE DATA - [illegible]

AMES 11-7D7 IA9 C2A + S3 + T9 LOWER WING (RBML33)

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (2) = 1.246 BETAT (2) = -4.060

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.150				.2430	.2180	.0690	.1160
.177			.2710				
.229	-.0890						
.246		.1230					
.250				.1590	.1120	.1470	.1510
.362	-.0480						
.400				.1320	.1400		.1650
.402			.1250				
.497	.3240						
.550				.0340	-.0450		
.565			.0290				
.600							-.0760
.650						-.0980	
.700	.0980				-.1760		
.725				-.1730			
.750						-.2000	-.2390
.760			-.1960				
.775				-.2180	-.2530		
.808			-.2200				
.834	-.1080						
.850				-.2920	-.3180	-.3300	
.857			-.3520				
.865	-.3720						
.900	-.4780			-.3540			-.2640
.905			-.4790				
.950				-.4380	-.3990	-.4120	
.953			-.4930				
.965	-.3130						

MACH (2) = 1.250 BETAT (3) = .080

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.2200	-.1220	.2600	.6290	.5690	.5820	.5420
.050				.0910	-.0180	-.1340	-.1200
.081			.2440				
.086		-.1280					
.094	-.1440						
.150				.1610	.1600	.0110	.0380
.177			.2040				
.229	-.1530						
.246		.2140					
.250				.0800	.0410	.0630	.0680
.362	.1050						
.400				.0240	.0510		.1030
.402			.0080				
.497	.2130						

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A

AMES 11-707 IA9 C2A + S3 + T9 LOWER WING (RBML33)

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (2) = 1.250 BETAT (3) = .020

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.550				-.0630	-.1220		
.565			-.0620				
.600							-.1290
.650						-.1600	
.700	-.1100				-.2160		
.725				-.2400			
.750						-.2490	-.2860
.760			-.2650				
.775				-.2810	-.2950		
.808			-.2850				
.834	-.2460						
.850				-.3520	-.3570	-.3570	
.857			-.4040				
.865	-.4230						
.900	-.4370			-.3950			-.3130
.905			-.5180				
.950				-.4600	-.4470	-.4410	
.953			-.3530				
.965	-.3130						

MACH (2) = 1.250 BETAT (4) = 4.110

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.3670	-.1400	.2640	.5500	.4660	.4740	.4750
.050				.0150	-.1120	-.2380	-.1840
.081			.1990				
.086		-.1590					
.094	-.1990						
.150				.0240	.0640	-.0700	-.0050
.177			.1000				
.229	-.1970						
.246		.1650					
.250				-.0250	-.0800	-.0210	.0560
.362	.1140						
.400				-.0360	.0030		.0970
.402			-.0550				
.497	.0250						
.550				-.1060	-.1360		
.565			-.1280				
.600							-.1390
.650						-.1620	
.700	-.1670				-.2240		
.725				-.2560			
.750						-.2370	-.2950
.760			-.3120				
.775				-.2960	-.2970		

DATE 20 SEP 79 TABULATED PRESSURE DATA - IA9A

AMES 11-707 IA9 CBA + S3 + T9 LOWER WING (RBML33)

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (2) = 1.250 BETAT (4) = 4.110

Y/BW	.299	.364	.427	.534	.675	.780	.887
X/CW							
.808			-.3200				
.834	-.3170						
.850				-.3520	-.3550	-.3630	
.857			-.4300				
.865	-.3530						
.908	-.2810			-.4040			-.3010
.905			-.5060				
.950				-.4630	-.4230	-.4420	
.953			-.2780				
.965	-.2140						

MACH (2) = 1.248 BETAT (5) = 0.200

Y/BW	.299	.364	.427	.534	.675	.780	.887
X/CW							
.000	-.4470	-.1770	.2200	.5020	.4180	.4050	.3780
.050				.0660	-.0400	-.1790	-.1950
.081			.2010				
.086		-.0170					
.094	-.2530						
.150				.0790	.0880	-.0700	-.0510
.177			.1410				
.229	-.1300						
.246		.1230					
.250				-.0080	-.0570	-.0230	-.0140
.362	.0810						
.400				-.0420	-.0950		.0310
.402			-.0520				
.497	.0810						
.550				-.1300	-.1650		
.565			-.1500				
.600							-.1770
.650						-.2080	
.700	-.1700				-.2720		
.725				-.2910			
.750						-.2860	-.3310
.760			-.3730				
.775				-.3570	-.3410		
.808			-.3530				
.834	-.2520						
.850				-.4440	-.3980	-.3980	
.857			-.3370				
.865	-.2500						
.908	-.2280			-.4640			-.3440
.905			-.3170				
.950				-.4280	-.4790	-.4770	
.953			-.2850				

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A

AMES 11-707 IA9 C2A + S3 + T9 LOWER WING (RBML33)

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (2) = 1.248 BETAT (5) = 8.200

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.965	-.2010						

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A (RBML34) (27 APR 73)

AMES 11-707 IA9 CBA + S3 + T9 LOWER WING

REFERENCE DATA

SREF = 2.4210 SQ.FT. XMRP = 20.5300 INCHES
LREF = 39.8490 INCHES YMRP = .0000 INCHES
BREF = 39.8490 INCHES ZMRP = .0000 INCHES
SCALE = .0300 SCALE

PARAMETRIC DATA

ALPHAT = .000 ORBINC = .500
RUDDER = -15.000 ELEVON = .000
RUDFLR = .000

SECTION (1)LOWER WING

DEPENDENT VARIABLE CP

MACH (1) = 1.097 BETAT (1) = -8.200

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.1160	-.0310	.5270	.7590	.6860	.7040	.6120
.050				.3050	.2650	.2010	.2360
.081			.4220				
.086		.0300					
.094	-.0940						
.150				.3230	.2970	.2030	.2340
.177			.3470				
.229	-.0390						
.248		.3700					
.250				.2340	.2520	.2470	.2140
.362	.3740						
.400				.2410	.1930		.1730
.402			.2040				
.497	.3850						
.550				.0690	-.0570		
.585			.0920				
.600							-.1090
.650						-.1220	
.700	.1400				-.2070		
.725				-.1900			
.750						-.2420	-.2870
.760			-.3410				
.775				-.3090	-.2950		
.800			-.3480				
.834	-.3020						
.850				-.4490	-.3860	-.3960	
.857			-.5010				
.865	-.5360						
.900	-.5210			-.5230			-.2950
.905			-.4380				
.950				-.4720	-.5230	-.4920	
.953			-.2240				
.965	-.1960						

MACH (1) = 1.100 BETAT (2) = -4.090

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.2020	-.1070	.4710	.6950	.6250	.6330	.5520
.050				.2020	.1640	.0850	.1280
.081			.3520				
.086		.0430					
.094	-.1440						

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A

AMES 11-707 IA9 C2A + S3 + T9 LOWER WING (RBML34)

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (1) = 1.100 BETAT (2) = -4.090

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.150				.2360	.1810	.1010	.1440
.177			.2640				
.229	-.1200						
.246		.3060					
.250				.1160	.1490	.1620	.1350
.362	.3080						
.400				.1350	.1100		.1020
.402			.0690				
.497	.2870						
.550				.0220	-.0900		
.565			.0120				
.600							-.1560
.650						-.1650	
.700	.0070				-.2480		
.725				-.2270			
.750						-.2840	-.3350
.760			-.3710				
.775				-.3410	-.3340		
.808			-.3690				
.834	-.3450						
.850				-.4800	-.4180	-.4360	
.857			-.5300				
.865	-.5620						
.900	-.9110			-.4880			-.3430
.905			-.1730				
.950				-.2150	-.5560	-.5270	
.953			-.1610				
.965	-.1380						

MACH (1) = 1.099 BETAT (3) = .020

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.3550	-.1500	.3920	.6050	.5390	.5430	.4820
.050				.1980	.0520	-.0230	-.0130
.081			.2780				
.086		.0940					
.094	-.2170						
.150				.1460	.0970	-.0160	.0710
.177			.1590				
.229	.0710						
.246		.2290					
.250				.0120	.0170	.0880	.0820
.362	.2220						
.400				-.0210	.0430		.0590
.402			-.0780				
.497	.1530						

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A (RBML34)

AMES 11-707 IA9 CEA + S3 + T9 LOWER WING

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (1) = 1.050 BETAT (3) = .020

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.550				-.0800	-.1630		
.585			-.1110				-.1990
.600						-.2050	
.650					-.2640		
.700	-.1010			-.2530			
.725						-.2960	-.3700
.750							
.760			-.4090				
.775				-.3680	-.3330		
.808			-.4180				
.834	-.4110						
.850				-.5080	-.4430	-.4600	
.857			-.5640				
.865	-.3520						
.900	-.2830			-.2240			-.3610
.905			-.1980				
.950				-.1720	-.5180	-.5510	
.953			-.1790				
.965	-.1360						

MACH (1) = 1.100 BETAT (4) = 4.150

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.5370	-.1680	.2950	.5560	.5010	.4780	.4260
.050				.0250	-.0210	-.0780	-.1040
.081			.2230				
.086		.0830					
.094	-.2500			.1250	.0460	-.0640	.0470
.150							
.17[illegible]			.0770				
.229	.0800						
.246		.1760		-.0430	-.0380	.0550	.0610
.250							
.362	.1720			-.0290	.0270		.0500
.402							
.402			-.0910				
.497	.0070			-.0650	-.1510		
.550							
.565			-.0910				-.2090
.600						-.2190	
.650					-.2940		
.700	-.1300			-.2930			
.725						-.3280	-.3810
.750							
.760			-.4410				
.775				-.4060	-.3810		

DATE 2C SEP 73 TABULATED PRESSURE DATA - IA9A

AMES 11-7D7 IA9 C2A + S3 + T9 LOWER WING (RBML34)

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (1) = 1.100 BETAT (4) = 4.130

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.808			-.4450				
.834	-.3160						
.850				-.5380	-.4680	-.4820	
.857			-.5070				
.855	-.2960						
.900	-.2540			-.2060			-.3840
.905			-.2570				
.950				-.1700	-.3190	-.5720	
.953			-.1570				
.965	-.1550						

MACH (1) = 1.099 BETAT (5) = 8.250

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.6150	-.1180	.2100	.4580	.4070	.4060	.3910
.050				.0990	.0090	-.0720	-.0280
.081			.2440				
.086		.0740					
.094	-.3060						
.150				.1000	.0520	-.0270	.0670
.177			.1320				
.229	.0210						
.246		.1550					
.250				-.0220	-.0200	.0560	.0630
.362	.1250						
.400				-.0270	-.0100		.0440
.402			-.0850				
.497	.0810						
.550				-.1110	-.1430		
.565			-.1610				
.600							-.2190
.650						-.2190	
.700	-.2120				-.3000		
.725				-.2960			
.750						-.3320	-.3810
.760			-.3480				
.775				-.3690	-.3840		
.808			-.2810				
.834	-.2340						
.850				-.4390	-.4700	-.4660	
.857			-.2890				
.865	-.2360						
.900	-.2220			-.4240			-.3880
.905			-.2640				
.950				-.3150	-.4930	-.5760	
.953			-.2480				

DATE 20 SEP 75 TABULATED PRESSURE DATA - IA9A

AMES 11-707 IA9 CBA + S3 + T9 LOWER WING (RBML34)

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (1) = 1.099 BETAT (5) = 8.250

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.965	-.2160						

MACH (2) = 1.249 BETAT (1) = -8.160

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.0020	.0080	.4490	.8230	.7550	.7610	.6890
.050				.3040	.2970	.2220	.2390
.081			.4220				
.086		.0210					
.094	-.0200			.3730	.3280	.2140	.2720
.150							
.177			.3080				
.229	-.0080						
.246		.3460		.2600	.2590	.2940	.2660
.250							
.362	.0440			.2810	.2460		.2470
.400							
.402			.2290				
.497	.4440			.1330	.0210		
.550							
.565			.1290				-.0050
.600						-.0310	
.650					-.0990		
.700	.1280			-.0370			
.725						-.1320	-.1780
.750							
.760			-.1370				
.775				-.1380	-.1570		
.806			-.1820				
.834	-.1330			-.2730	-.2290	-.2640	
.850							
.857			-.3180				
.865	-.3340						
.900	-.4480			-.3470			-.1950
.905			-.4500				
.950				-.4190	-.3610	-.3230	
.953			-.4660				
.965	-.4370						

MACH (2) = 1.250 BETAT (2) = -4.070

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.0990	-.0650	.3420	.7480	.6840	.6960	.6230
.050				.2210	.1980	.1560	.1450
.081			.3350				
.086		-.0530					
.094	-.0720						

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A

AMES 11-707 IA9 C2A + S3 + T9 LOWER WING (RBML34)

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (2) = 1.250 BETAT (2) = -4.070

Y/BW	.299	.364	.427	.534	.673	.780	
X/CW							
.150				.3010	.2730	.1420	.2090
.177			.3130				
.229	-.0670						
.246		.2050					
.250				.1940	.1810	.2190	.2130
.362	-.0350						
.400				.1800	.1930		.2050
.402			.1500				
.497	.3530						
.550				.0770	-.0160		
.565			.0640				
.600							-.0440
.650						-.0680	
.700	.0350				-.1420		
.725				-.1270			
.750						-.1680	-.2140
.760			-.1670				
.775				.1540	-.2190		
.808			-.1980				
.834	-.1760						
.850				-.2720	-.2760	-.3010	
.857			-.3330				
.865	-.3620						
.900	-.4640			-.3480			-.2320
.905			-.4610				
.950				-.4220	-.3620	-.3820	
.953			-.4770				
.965	-.3120						

MACH (2) = 1.249 BETAT (3) = .020

Y/BW	.299	.364	.427	.534	.673	.785	.887
X/CW							
.000	-.2510	-.1440	.3060	.6470	.5730	.5900	.5350
.050				.1580	.1230	.0680	.0470
.081			.3120				
.086		-.1050					
.094	-.1110						
.150				.1870	.1990	.0650	.1150
.177			.2330				
.229	-.1100						
.246		.2470					
.250				.1210	.0780	.1200	.1290
.362	.1310						
.400				.0490	.0840		.1340
.402			.0290				
.497	.2300						

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A (RBNL34)

AMES 11-707 IA9 O2A + S3 + T9 LOWER WING

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (2) = 1.249 BETAT (3) = .020

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.550				-.0240	-.1000		
.565			-.0240				-.1020
.600						-.1290	
.650					-.1690		
.700	-.0880			-.2080			
.725						-.2050	-.2650
.750			-.2430				
.760				-.2420	-.2720		
.775			-.2610				
.808							
.834	-.2460			-.3250	-.3430	-.3390	
.850			-.3900				
.857							
.865	-.4170			-.3750			-.2740
.900	-.4570		-.5080				
.905				-.4530	-.3890	-.4280	
.950			-.4400				
.953							
.965	-.2060						

MACH (2) = 1.245 BETAT (4) = 4.110

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.4050	-.1580	.2860	.5650	.4910	.4980	.4930
.050				.0850	-.0040	-.0320	-.0180
.081			.2340				
.086		-.1380					
.094	-.1730			.0620	.1100	.0140	.0680
.150			.1340				
.177							
.229	-.1690						
.246		.1900		.0010	-.0260	.1180	.1270
.250							
.362	.1490			.0160	.0690		.1260
.400							
.402			-.0210				
.497	.0450			-.0490	-.1620		
.550							
.565			-.0900				-.1170
.600						-.1120	
.650					-.1910		
.700	-.1360			-.1750			
.725						-.2180	-.2670
.750							
.760			-.2470				
.775				-.2240	-.2730		

DATE 25 SEP 73 TABULATED PRESSURE DATA - IA9A

AMES 11-707 IA9 C2A + S3 + T9 LOWER WING (RBML34)

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (2) = 1.245 BETAT (4) = 4.110

Y/BW	.299	.364	.427	.534	.673	.785	.887
X/CW							
.808			-.2670				
.834	-.2950						
.850				-.3280	-.3150	-.3490	
.857			-.3930				
.865	-.2910						
.900	-.1960			-.3990			-.2870
.905			-.4720				
.950				-.4680	-.4000	-.4290	
.953			-.3520				
.965	-.2150						

MACH (2) = 1.247 BETAT (5) = 8.200

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.4520	-.1900	.1700	.4770	.4230	.4330	.3810
.050				.1280	.0580	-.0360	-.1470
.081			.2390				
.086		.0440					
.094	-.2510						
.150				.1280	.1030	-.0130	.0270
.177			.1670				
.229	-.1070						
.246		.1390					
.250				-.0040	-.0120	.0350	.0500
.362	.0940						
.400				-.0190	.0080		.0650
.402			-.0480				
.497	.0970						
.550				-.0890	-.1430		
.565			-.1250				
.600							-.1580
.650						-.1810	
.700	-.1470				-.2530		
.725				-.2720			
.750						-.2620	-.3140
.760			-.3510				
.775				-.3320	-.3150		
.808			-.3320				
.834	-.2210						
.850				-.4160	-.3690	-.3810	
.857			-.3180				
.865	-.2350						
.900	-.2180			-.4260			-.3250
.905			-.3080				
.950				-.4130	-.4480	-.4550	
.953			-.2780				

DATE 25 SEP 73 TABULATED PRESSURE DATA - IA9A (FBM_34)

AMES 11-7D7 IA9 C2A + S3 + T9 LOWER WING

DEPENDENT VARIABLE CP

SECTION (1)LOWER WING

MACH (2) = 1.247 BETAT (5) = 8.200

Y/BW	.299	.364	.427	.534	.673	.785	.887
X/CW							
.965	-.1910						

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A (RBML35) (27 APR 73)

AMES 11-707 IA9 C2A + S3 + T9 LOWER WING

REFERENCE DATA

SREF = 2.4210 SQ.FT. XMRP = 28.5300 INCHES
LREF = 39.8490 INCHES YMRP = .0000 INCHES
BREF = 39.8490 INCHES ZMRP = .0000 INCHES
SCALE = .0300 SCALE

PARAMETRIC DATA

ALPHAT = 2.000 ORBINC = .500
RUDDER = -15.000 ELEVON = .000
RUDFLR = .000

SECTION (1)LOWER WING

DEPENDENT VARIABLE CP

MACH (1) = 1.102 BETAT (1) = -8.210

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.1070	-.0400	.4890	.7240	.6450	.6520	.4860
.050				.4180	.3930	.3380	.3970
.081			.5000				
.086		.1730					
.094	-.0720						
.150				.3950	.3900	.3010	.3150
.177			.4130				
.229	-.0060						
.246		.4230					
.250				.3050	.3230	.3160	.2760
.362	.4120						
.400				.2900	.2520		.2210
.402			.2640				
.497	.4230						
.550				.1260	-.0250		
.565			.1360				
.600							-.0520
.650						-.0730	
.700	.1770				-.1730		
.725				-.1610			
.750						-.1990	-.2430
.760			-.3230				
.775				-.2840	-.2600		
.808			-.3220				
.834	-.2890						
.890				-.4250	-.3530	-.3590	
.857			-.4790				
.865	-.5210						
.900	-.6170			-.4950			-.7360
.905			-.5400				
.950				-.5640	-.4930	-.4590	
.953			-.2220				
.965	-.1850						

MACH (1) = 1.095 BETAT (2) = -4.090

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.2310	-.1270	.4190	.6680	.5870	.5980	.4450
.050				.3120	.2870	.2360	.3150
.081			.4230				
.086		.0920					
.094	-.1210						

DATE 20 SEP 73 TABULATED PRESSURE DATA - 1A9A (RBNL35)

AMES 11-707 1A9 C2A + S3 + T9 LOWER WING

DEPENDENT VARIABLE CP

SECTION (1)LOWER WING

MACH (1) = 1.095 BETAT (2) = -4.090

Y/BW	.299	.364	.427	.534	.675	.780	.887
X/CW							
.150				.2980	.2960	.2200	.2420
.177			.3180				
.229	-.0750						
.246		.3410		.1980	.2400	.2480	.2130
.250							
.362	.3250			.2180	.1840		.1360
.400							
.402			.1560				
.497	.3170			.0740	-.0670		
.550							
.585			.0640				-.1120
.600						-.1240	
.650					-.2100		
.700	.0990			-.2020			
.725						-.2440	-.2860
.750							
.780			-.3530				
.775				-.3190	-.3020		
.808			-.3620				
.834	-.3690						
.850				-.4600	-.3890	-.4080	
.857			-.5130				
.885	-.5320						
.900	-.3090			-.5320			-.2580
.905			-.1680				
.930				-.2100	-.5300	-.5000	
.953			-.1630				
.965	-.1370						

MACH (1) = 1.089 BETAT (3) = .080

Y/BW	.299	.364	.427	.534	.675	.780	.887
X/CW							
.000	-.4160	-.2140	.3320	.5760	.4920	.5340	.4200
.050				1780	.1570	.1290	.2410
.081			.3160				
.086		.0710					
.094	-.1740						
.150				.1840	.1780	.1490	.1830
.177			.1940				
.229	.0910						
.246		.2540		.0560	.1610	.1940	.1660
.290							
.362	.2180			.1610	.1300		.1000
.400							
.402			.0020				
.497	.1580						

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A

AMES 11-707 IA9 C2A + S3 + T9 LOWER WING (RBNL35)

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (1) = 1.099 BETAT (3) = .020

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.550				.0060	-.1060		
.565			-.0100				-.1540
.600						-.1820	
.650					-.2460		
.700	.0060			-.2460			
.725						-.2690	-.3220
.750							
.760			-.4040		-.3520	-.3310	
.775							
.808			-.4040				
.834	-.3940				-.4860	-.4170	-.4240
.850							
.857			-.5460				
.865	-.3360						
.900	-.2900			-.2200			-.3190
.905			-.1720				
.950				-.1500	-.4950	-.5170	
.953			-.1570				
.965	-.1000						

MACH (1) = 1.101 BETAT (4) = 4.130

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.5890	-.1920	.2360	.4850	.4650	.4650	.3550
.050				.1190	.1170	.0730	.1800
.081			.2260				
.086		.0600					
.094	-.2530			.1250	.1350	.0980	.1290
.150							
.177			.1050				
.229	.0710						
.246		.1590					
.300				.0310	.1130	.1420	.1210
.362	.1590						
.400				.0920	.0780		.1060
.402			-.0080				
.497	.0150						
.550				-.0410	-.1410		
.565			-.0690				
.600							-.1770
.650						-.1920	
.700	-.0700				-.2810		
.725				-.2830			
.750						-.3040	-.3460
.760			-.4420				
.775				-.3900	-.3590		

DEPENDENT VARIABLE CP

SECTION (1)LOWER WING

MACH (1) = 1.2[illegible]1 BETAT (4) = 4.130

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.808			-.4390				
.834	-.3680						
.850				-.5190	-.4450	-.4560	
.857			-.5120				
.865	-.2870						
.900	-.2580			-.1980			-.3530
.905			-.1930				
.950				-.1430	-.2370	-.5470	
.953			-.1170				
.965	-.1310						

MACH (1) = 1.108 BETAT (5) = 8.250

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.0280	-.1070	.1180	.4[illegible]0	.3720	.3950	.2900
.050				.1710	.1280	.0810	.1860
.081			.2820				
.086		.0790					
.094	-.3180						
.130				.1420	.1190	.1050	.1200
.177			.1750				
.229	.0530						
.246		.1790					
.250				.0560	.1150	.1310	.1040
.362	.1450						
.400				.0730	.0660		.0730
.402			-.0300				
.497	.1050						
.550				-.0660	-.1500		
.585			-.0800				
.600							-.1990
.650						-.2030	
.700	-.1520				-.2920		
.725				-.2970			
.750						-.3100	-.3600
.760			-.3520				
.775				-.3630	-.3710		
.808			-.2630				
.834	-.2040						
.850				-.4100	-.4530	-.4620	
.857			-.2780				
.865	-.2090						
.900	-.2020			-.4100			-.3640
.905			-.2660				
.950				-.3030	-.3190	-.3470	
.953			-.2350				

AMES 11-707 IA9 O2A + S3 + T9 LOWER WING (RBML35)

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (1) = 1.106 BETAT (5) = 8.250

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.965	-.2020						

MACH (2) = 1.248 BETAT (1) = -8.160

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.0490	-.0050	.5170	.6060	.7270	.7360	.6190
.050				.4190	.4000	.3440	.4040
.081			.5060				
.086		.0490					
.094	.0360						
.150				.4220	.4120	.3160	.3560
.177			.4400				
.229	.0290						
.246		.4260					
.250				.3240	.3430	.3680	.3390
.362	.2540						
.400				.3330	.3100		.2810
.402			.2720				
.497	.4720						
.550				.2200	.0750		
.565			.2290				
.600							.0440
.650						.0230	
.700	.2750				-.0510		
.725				-.0240			
.750						-.0630	-.1360
.760			-.1350				
.775				-.1280	-.1310		
.808			-.1720				
.834	-.1190						
.850				-.2630	-.2130	-.2260	
.857			-.3010				
.865	-.3270						
.900	-.4420			-.3360			-.1280
.905			-.4420				
.950				-.4080	-.3460	-.3120	
.953			-.4530				
.965	-.4270						

MACH (2) = 1.244 BETAT (2) = -4.070

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.1550	-.1180	.3740	.7440	.6590	.6630	.5550
.050				.3310	.3210	.2370	.3390
.081			.4010				
.086		-.0420					
.094	-.0380						

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A

AMES 11-707 IA9 CBA + S3 + T9 LOWER WING (RBML35)

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (2) = 1.244 BETAT (2) = -4.070

Y/BW	.299	.384	.427	.534	.673	.780	.887
X/CW							
.150				.3510	.3230	.2400	.2910
.177			.3600				
.229	-.0400						
.246		.3110					
.250				.2470	.2440	.3040	.2740
.362	.0570						
.400				.2310	.2470		.2170
.402			.1840				
.497	.3750						
.550				.1210	.0240		
.565			.0850				
.600							-.0060
.650						-.0850	
.700	.0880				-.1040		
.725				-.0470			
.750						-.1290	-.1760
.760			-.1470				
.775				-.1330	-.1840		
.808			-.1980				
.834	-.1510						
.850				-.2740	-.2320	-.2720	
.867			-.3150				
.885	-.3490						
.900	-.4800			-.3480			-.1680
.905			-.4570				
.950				-.4210	-.3550	-.3540	
.953			-.4680				
.965	-.3930						

MACH (2) = 1.250 BETAT (3) = .080

Y/BW	.299	.384	.427	.534	.673	.780	.887
X/CW							
.000	-.3060	-.2300	.3420	.6240	.5500	.5670	.4750
.050				.2430	.2400	.1780	.2500
.081			.3570				
.086		-.0690					
.094	-.0980						
.150				.2520	.2220	.1500	.2090
.177			.2530				
.229	-.0850						
.246		.2510					
.250				.1390	.1500	.2050	.1980
.362	.1880						
.400				.0920	.1500		.1520
.402			.0490				
.497	.2230						

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A

AMES 11-707 IA9 C2A + S3 + T9 LOWER WING (RBNL35)

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (2) = 1.250 BETAT (3) = .020

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.550				.0550	-.0350		
.565			.0220				-.0570
.600						-.0580	
.650					-.1490		
.700	-.0440			-.1070			
.725						-.1620	-.2040
.750							
.760			-.2230				
.775				-.1660	-.2280		
.808			-.2450				
.834	-.2970			-.3060	-.2430	-.2980	
.850							
.857			-.3580				
.865	-.4060			-.3750			-.2290
.900	-.4500		-.4920				
.905				-.4420	-.3750	-.3750	
.950			-.4540				
.953							
.965	-.2750						

MACH (2) = 1.248 BETAT (4) = 4.100

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.4250	-.2900	.2370	.5490	.4750	.4880	.4320
.050				.1440	.1290	.0820	.2100
.081			.2700				
.086		-.1160					
.094	-.1470			.1080	.1490	.0920	.2220
.150							
.177			.1370				
.229	-.1380						
.246		.1980					
.250				.0210	.0570	.2320	.1870
.362	.1750						
.400				.0500	.1570		.1980
.402			.0360				
.497	.0280						
.550				.0450	-.0170		
.565			.0120				
.600							-.0340
.650						-.0520	
.710	-.0610				-.1300		
.725				-.1130			
.750						-.1580	-.2090
.760			-.2050				
.775				-.2000	-.2090		

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A (RBML35)

AMES 11-707 IA9 CBA + S3 + T9 LOWER WING

DEPENDENT VARIABLE CP

SECTION (1)LOWER WING

MACH (2) = 1.248 BETAT (4) = -4.100

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.803			-.2510				
.834	-.2610			-.3280	-.2860	-.3040	
.850			-.3830				
.857							
.865	-.3900			-.3950			-.2350
.900	-.4090		-.4990				
.905				-.4580	-.3830	-.3870	
.950			- 3050				
.953							
.965	-.2230						

MACH (2) = 1.248 BETAT (5) = 8.200

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.4600	-.2210	.1120	.4720	.4030	.4070	.3440
.050				.2010	.1440	.0860	.1630
.081			.2660				
.088		.0630					
.094	-.2230			.1320	.1310	.0710	.1320
.150			.2060				
.177							
.229	-.0460						
.248		.1590		.0470	.0670	.1310	.1250
.250							
.362	.1240			.0450	.0800		.1340
.400							
.402			-.0040				
.497	.1500			-.0360	-.0870		
.550							
.565			-.0760				-.1060
.600						-.1290	
.650					-.2020		
.700	-.1080			-.2210			
.725						-.2170	-.2710
.750							
.760			-.3090				
.775				-.2870	-.2640		
.818			-.2810				
.834	-.1920			-.3670	-.3300	-.3410	
.850							
.857			-.2690				
.865	-.2040			-.3980			-.2830
.900	-.1840						
.905			-.2950	-.4120	-.4370	-.4250	
.950							
.953			-.2620				

DATE 25 SEP 73 TABULATED PRESSURE DATA - IA9A

AMES 11-7D7 IA9 C2A + S3 + T9 LOWER WING (RBNL35)

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (2) = 1.248 BETAT (5) = 8.200

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.965	-.1650						

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A (RBML36) (27 APR 73)

AMES 11-7ft IA9 C2A + S3 + T9 LOWER WING

REFERENCE DATA

SREF =	2.4210 SQ.FT.	XMRP =	20.5300 INCHES		
LREF =	39.8490 INCHES	YMRP =	.0000 INCHES		
BREF =	39.8490 INCHES	ZMRP =	.0000 INCHES		
SCALE =	.0300 SCALE				

PARAMETRIC DATA

ALPHAT =	4.000	ORBINC =	.500
RUDDER =	-15.000	ELEVON =	.000
RUDFLR =	.000		

SECTION (1)LOWER WING

MACH (1) = 1.103 BETAT (1) = -8.200

DEPENDENT VARIABLE CP

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.1380	-.0700	.4250	.6780	.6050	.5960	.3930
.050				.4780	.4680	.4240	.4870
.081			.5320				
.086		.1770					
.094	-.0250			.4330	.4430	.3630	.3710
.150							
.177			.4330				
.229	.1080						
.246		.4340					
.250				.3340	.3640	.3610	.3160
.362	.4150						
.400				.3140	.2850		.2300
.402			.2820				
.497	.4140						
.550				.1380	-.0060		
.565			.1470				
.600							-.0140
.650						-.0470	
.700	.1870				-.1530		
.725				-.1500			
.750						-.1730	-.2140
.760			-.3120				
.775					-.2680	-.2380	
.808			-.3120				
.834	-.2860						
.850				-.4110	-.3350	-.3360	
.857			-.4680				
.865	-.5160						
.900	-.6350			-.4840			-.1980
.905			-.6030				
.950				-.5480	-.4730	-.4350	
.953			-.2280				
.965	-.1830						

MACH (1) = 1.099 BETAT (2) = -4.050

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.2640	-.1860	.3550	.6290	.5550	.5490	.3470
.050				.3780	.3640	.3260	.4110
.081			.4530				
.086		.1040					
.094	-.0820						

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A

AMES 11-7?? 749 CBA + S3 + T9 LOWER WING (RBML36)

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (1) = 1.099 BETAT (2) = -4.090

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.150				.3360	.3570	.2880	.3010
.177			.3420				
.229	.0320						
.246		.3520					
.250				.2350	.2850	.2950	.2560
.362	.3250						
.400				.2440	.2230		.1800
.402			.1840				
.497	.3250						
.550				.0900	-.0480		
.565			.0770				
.600							-.0750
.650						-.0850	
.700	.1110				-.1920		
.725				-.1880			
.750						-.2110	-.2510
.760			-.3430				
.775				-.3090	-.2770		
.808			-.3510				
.834	-.3270						
.850				-.4360	-.3670	-.3740	
.857			-.5020				
.865	-.5470						
.900	-.3740			-.5110			-.2180
.905			-.1980				
.950				-.2120	-.5040	-.4690	
.953			-.1700				
.965	-.1190						

MACH (1) = 1.098 BETAT (3) = .020

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.4820	-.3380	.2730	.5330	.4710	.4850	.2950
.050				.2650	.2610	.2570	.3520
.081			.3600				
.086		.0710					
.094	-.1530						
.150				.2570	.2550	.2260	.2480
.177			.2330				
.229	.0930						
.246		.2580					
.250				.1270	.2140	.2450	.2120
.362	.2240						
.400				.1830	.1640		.1370
.402			.0860				
.497	.1790						

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A (RBML36)

AMES 11-707 IA9 O2A + S3 + T9 LOWER WING

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (1) = 1.098 BETAT (3) = .020

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.550				.0320	-.0850		
.565			.0020				-.1280
.600						-.1230	
.650					-.2260		
.700	.0130			-.2340			
.725						-.2440	-.2870
.750							
.760			-.4010				
.775				-.3450	-.3150		
.808			-.4020				
.834	-.3680						
.850				-.4780	-.4000	-.4060	
.857			-.5330				
.865	-.3210						-.2590
.900	-.2620			-.2140			
.905			-.1590				
.950				-.1300	-.5310	-.5010	
.953			-.1330				
.965	-.0850						

MACH (1) = 1.098 BETAT (4) = 4.140

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.5970	-.2370	.1560	.4530	.4130	.4130	.2360
.050				.2150	.2260	.2060	.3100
.081			.2620				
.086		.0510					
.094	-.2250						
.150				.1800	.2130	.1810	.2130
.177			.1630				
.229	.0590						
.246		.1720					
.250				.1010	.1770	.2060	.1810
.362	.1550						
.400				.1220	.1270		.1590
.402			.0610				
.497	.0350						
.550				-.0580	-.1070		
.565			-.0290				
.600							-.1470
.650						-.1470	
.700	-.1470				-.2510		
.725				-.2610			
.750						-.2660	-.3190
.760			-.4230				
.775				-.3740	-.3350		

DATE 29 SEP 73 TABULATED PRESSURE DATA - IA9A

AMES 11-7D7 IA9 O2A + S3 + T9 LOWER WING (FBHL36)

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (1) = 1.098 BETAT (4) = 4.140

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.858			-.4230				
.834	-.3870			-.5010	-.4260	-.4270	
.850							
.857			-.4930				
.865	-.2710						
.900	-.2340			-.2480			-.3100
.905			-.1920				
.950				-.1310	-.3160	-.5210	
.953			-.1100				
.965	-.1300						

MACH (1) = 1.100 BETAT (5) = 8.260

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.6320	-.1650	.0440	.3400	.2500	.3130	.1460
.050				.2090	.2000	.2030	.2920
.081			.2980				
.086		.0720					
.094	-.3190						
.150				.1690	.1940	.1710	.1840
.177			.1930				
.229	.0550						
.246		.1860					
.250				.0710	.1580	.1730	.1430
.362	.1430						
.400				.1100	.0980		.1040
.412			-.0110				
497	.1060						
.550				-.0430	-.1250		
.565			-.0830				
.600							-.1620
.650						-.1710	
.700	-.1560				-.2640		
.725				-.2820			
.750						-.2770	-.3310
.760			-.3480				
.775				-.3530	-.3430		
.808			-.2700				
.834	-.2030						
.850				-.4090	-.4280	-.4310	
.857			-.2920				
.865	-.2140						
.900	-.2040			-.4060			-.3320
.905			-.2690				
.950				-.3030	-.2940	-.3110	
.953			-.2260				

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A (REML36)

AMES 11-707 IA9 O2A + S3 + T9 LOWER WING

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (1) = 1.100 BETAT (5) = 8.260

Y/BW	.299	.364	.427	.534	.673	.786	.887
X/CW							
.965	-.1950						

MACH (2) = 1.248 BETAT (1) = -8.150

Y/BW	.299	.364	.427	.534	.673	.786	.887
X/CW							
.000	-.0820	-.0250	[illegible]	.7873	[illegible]	[illegible]	.5430
.050				.4830	[illegible]	.4360	.5190
.081			.5580				
.086		.0890					
.094	.0820						
.150				.4610	.4780	.3980	.4260
.177			.4620				
.229	.0640						
.246		.4620					
.250				.3620	.4050	.4210	.3290
.362	.4060						
.400				.3300	.3510		.3120
.402			.3220				
.497	.4630						
.550				.2400	.1960		
.565			.2320				
.600							.0730
.650						.0570	
.700	.2750				-.0320		
.725				-.0120			
.750						-.0550	-.1100
.760			-.1310				
.775				-.1180	[illegible]		
.808			-.1620				
.834	-.1210						
.850				-.2530	[illegible]	[illegible]	
.857			-.2960				
.865	-.3250						
.900	-.4370			-.3230			[illegible]
.915			-.4340				
.950				-.3910	[illegible]	[illegible]	
.953			-.4420				
.965	-.4010						

MACH (2) = 1.249 BETAT (2) = -4.060

Y/BW	.299	.364	.427	.534	.673	.786	.887
X/CW							
.000	-.2020	-.1770	.3760	[illegible]	[illegible]	[illegible]	[illegible]
.050				.4520	[illegible]	[illegible]	[illegible]
.081			.4920				
.086		.0200					
.094	.0110						

DATE 2[illegible] SEP [illegible] TABULATED PRESSURE DATA - IA9A (RBML36)

AMES 11-7ft IA9 C2A + S3 + T9 LOWER WING

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (2) = 1.249 BETAT (2) = -4.060

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.150				.3810	.3700	.3160	.3570
.177			.3850				
.229	-.0110						
.246		.3780					
.250				.2680	.3000	.3590	.3350
.362	.1370						
.400				.2770	.2880		.2670
.402			.2000				
.497	.3760						
.550				.1590	.0570		
.565			.1320				
.600						.0100	.0280
.650					-.0750		
.700	.0820			-.0300			
.725						-.0930	-.1410
.750							
.760			-.1440				
.775				-.1390	-.1330		
.808			-.1840				
.834	-.1430						
.850				-.2710	-.2100	-.2380	
.857			-.3170				
.865	-.3390						
.900	-.4480			-.3380			-.1310
.905			-.4490				
.950				-.4040	-.3400	-.3030	
.953			-.4550				
.965	-.2860						

MACH (2) = 1.249 BETAT (3) = .010

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.3550	-.3130	.2840	.5810	.5370	.5480	.4070
.050				.3190	.3130	.2380	.3550
.081			.3880				
.086		-.0540					
.094	-.0760						
.150				.2860	.2810	.2110	.2750
.177			.2840				
.229	-.0750						
.246		.2590					
.250				.1680	.2010	.2550	.2540
.362	.1970						
.400				.1230	.1940		.2010
.402			.0590				
.497	.2260						

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A (RBHL36)

AMES 11-707 IA9 C2A + S3 + T9 LOWER WING

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (2) = 1.249 BETAT (3) = .010

Y/BW	.299	.364	.427	.534	.675	.780	.887
X/CW							
.550				.0920	.0130		
.565			.0370				-.0080
.600						-.0220	
.650					-.0780		
.700	-.0140			-.0710			
.725						-.1100	-.1650
.750							
.760			-.2050				
.775				-.1830	-.1590		
.808			-.2430				
.834	-.2350						
.850				-.3070	-.2560	-.2490	
.857			-.3610				
.865	-.4020						
.900	-.4040			-.3750			-.2210
.905			-.4900				
.950				-.4320	-.3820	-.3490	
.953			-.4340				
.965	-.2460						

MACH (2) = 1.245 BETAT (4) = 4.110

Y/BW	.299	.364	.427	.534	.675	.780	.887
X/CW							
.000	-.4350	-.3190	.1610	.5060	.4530	.4690	.3750
.050				.2060	.2150	.2210	.3540
.081			.2770				
.086		-.0990					
.094	-.1310						
.150				.1570	.1920	.2220	.2820
.177			.1640				
.229	-.1300						
.246		.1960					
.250				.0880	.1850	.2880	.2600
.362	.1650						
.400				.1510	.2310		.2020
.402			.0560				
.497	.0360						
.550				.0740	-.0010		
.565			-.0020				
.600							-.0480
.650						-.0550	
.700	-.0530				-.1310		
.725				-.1270			
.750						-.1560	-.1960
.760			-.2370				
.775				-.2220	-.2040		

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A

AMES 11-707 IA9 C2A + S3 + T9 LOWER WING (RBNL36)

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (2) = 1.245 BETAT (4) = 4.110

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.808			-.2640				
.834	-.2430						
.850				-.3350	-.2760	-.2850	
.857			-.3860				
.865	-.3440						
.900	-.2230			-.3930			-.2260
.905			-.4990				
.950				-.4530	-.3950	-.3730	
.953			-.2490				
.965	-.2030						

MACH (2) = 1.246 BETAT (5) = 8.210

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.4780	-.2730	.0250	.4040	.3320	.3900	.2370
.050				.2450	.2050	.1410	.2750
.081			.2780				
.086		.0570					
.094	-.1920						
.150				.1520	.1950	.1490	.1910
.177			.2260				
.229	-.0220						
.246		.1610					
.250				.0980	.1410	.1780	.1640
.362	.1140						
.400				.0900	.1050		.1400
.402			.0260				
.497	.1410						
.550				-.0070	-.0600		
.565			-.0610				
.600							-.0850
.650						-.1000	
.700	-.0920				-.1790		
.725				-.1840			
.750						-.1940	-.2440
.750			-.2690				
.775				-.2790	-.2490		
.808			-.2960				
.834	-.1910						
.850				-.3840	-.3170	-.3220	
.857			-.3160				
.865	-.2090						
.900	-.1890			-.4280			-.2570
.905			-.3140				
.950				-.4310	-.4310	-.4020	
.953			-.2840				

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A (RBML36)

AMES 11-7D7 IA9 O2A + S3 + T9 LOWER WING

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (2) = 1.246 BETAT (5: = 0.210

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.965	-.1670						

DATE 25 SEP 73 TABULATED PRESSURE DATA - IA9A (RBNL37) (27 APR 73)

AMES 11-707 IA9 C2A + S3 + T9 LOWER WING

REFERENCE DATA

SREF =	2.4210 SQ.FT.	XMRP =	28.5300 INCHES
LREF =	39.8490 INCHES	YMRP =	.0000 INCHES
BREF =	39.8490 INCHES	ZMRP =	.0000 INCHES
SCALE =	.0300 SCALE		

PARAMETRIC DATA

ALPHAT =	6.000	ORBINC =	.500
RUDDER =	-15.000	ELEVON =	.000
RUDFLR =	.000		

SECTION (1)LOWER WING

DEPENDENT VARIABLE CP

K CH (1) = 1.100 BETAT (1) = -8.180

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.1590	-.1450	.3630	.6350	.5590	.5310	.2760
.050				.5400	.5410	.5040	.5620
.081			.5710				
.086		.2020					
.094	.0260						
.150				.4700	.4940	.4160	.4210
.177			.4590				
.229	.1520						
.246		.4540					
.250				.3630	.4020	.3990	.3560
.362	.4260						
.400				.3290	.3110		.2590
.402			.2960				
.497	.4220						
.550				.1410	.0090		
.565			.1480				.0190
.600						-.0200	
.650					-.1430		
.700	.1900			-.1470			
.725						-.1490	-.1860
.750							
.760			-.3070				
.775				-.2610	-.2230		
.808			-.3070				
.834	-.2870						
.850				-.4090	-.3240	-.3140	
.857			-.4660				
.865	-.5130						
.900	-.6340			-.4900			-.1650
.905			-.6130				
.950				-.5460	-.4670	-.4170	
.953			-.2320				
.965	-.1850						

MACH (1) = 1.100 BETAT (2) = -4.090

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.3300	-.3210	.2820	.5780	.5050	.4820	.2190
.050				.4570	.4610	.4280	.5140
.081			.5080				
.086		.1150					
.094	-.0420						

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A (RBNL37)

AMES 11-FOOT IA9 C2A + S3 + T9 LOWER WING

DEPENDENT VARIABLE CP

SECTION (1)LOWER WING

MACH (1) = 1.100 BETAT (2) = -4.080

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.150				.3920	.4260	.3670	.3700
.177			.3850				
.229	.1210						
.246		.3640		.2850	.3390	.3520	.3120
.250							
.362	.3470			.2760	.2640		.2190
.400			.2240				
.402							
.497	.3450			.1070	-.0280		
.550			.0990				-.0330
.565						-.0540	
.600					-.1700		
.650							
.700	.1270			-.1790			
.725						-.1810	-.2160
.750			-.3390				
.760				-.2920	-.2560		
.775			-.3390				
.808							
.834	-.3210			-.4290	-.3470	-.3460	
.850			-.4940				
.857							-.1780
.885	-.5410			-.5040			
.900	-.3650		-.2400				
.905				-.2090	-.4850	-.4440	
.930			-.1790				
.955							
.965	-.0970						

MACH (1) = 1.096 BETAT (3) = .010

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.5440	-.5000	.2020	.4970	.4430	.4340	.1830
.050				.3490	.3590	.3550	.4480
.061			.4090				
.086		.0700					
.094	-.1100			.2880	.3330	.3070	.3240
.150			.2730				
.177							
.229	.0730						
.246		.2620		.1910	.2760	.3050	.2660
.250							
.362	.2370			.2140	.2130		.1470
.400			.1340				
.402							
.497	.1950						

DATE 20 SEP 7[illegible] TABULATED PRESSURE DATA - IA9A

AMES 11-7D7 IA9 O2A + S3 + T9 LOWER WING (RBML37)

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (1) = 1.090 BETAT (3) = .010

Y/BW	.299	.364	.427	.534	.675	.780	.887
X/CW							
.550				.0550	-.0610		
.565			.0220				-.0830
.600						-.0890	
.650					-.2000		
.700	.0400			-.2200			
.725						-.2130	-.2490
.750							
.760			-.3920				
.775				-.3340	-.2920		
.800			-.3890				
.834	-.3850						
.850				-.4540	-.3760	-.3790	
.857			-.5360				
.865	-.2960						
.900	-.2440			-.4620			-.2250
.905			-.1850				
.950				-.1340	-.5140	-.4750	
.953			-.1330				
.965	-.0700						

MACH (1) = 1.100 BETAT (4) = 4.140

Y/BW	.259	.364	.427	.534	.675	.780	.887
X/CW							
.000	-.5960	-.3100	.0670	.4450	.3820	.3740	.1250
.050				.2750	.3040	.3000	.4030
.081			.2960				
.086		.0380					
.094	-.2010						
.150				.2240	.2690	.2690	.2770
.177			.1910				
.229	.0420						
.246		.1730					
.250				.1370	.2230	.2630	.2280
.362	.1460						
.400				.1460	.1620		.1530
.402			.0820				
.497	.0710						
.550				.0080	-.0930		
.565			-.0180				
.600							-.1160
.650						-.1210	
.700	-.0370				-.2360		
.725				-.2580			
.750						-.2490	-.2820
.760			-.4200				
.775				-.3720	-.3240		

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A (RBML37)

AMES 11-707 IA9 C2A + S3 + T9 LOWER WING

DEPENDENT VARIABLE CP

SECTION (1)LOWER WING

MACH (1) = 1.100 BETAT (4) = 4.140

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.808			-.4180				
.834	-.3950			-.5000	-.4120	-.4100	
.850							
.857			-.5190				
.865	-.2800			-.4340			-.2820
.900	-.2250						
.905			-.2210				
.950				-.1530	-.5430	-.5050	
.953			-.1200				
.965	-.1310						

MACH (1) = 1.080 BETAT (5) = 8.280

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.6540	-.1810	-.0290	.2570	.1700	.2490	.0260
.050				.2400	.2820	.2720	.3710
.081			.2990				
.086		.0440					
.094	-.2980			.1950	.2450	.2230	.2420
.150							
.177			.1980				
.229	.0780						
.246		.1680		.1030	.1940	.2140	.1920
.250							
.362	.1260			.1240	.1230		.1500
.400							
.402			.0160				
.497	.0690			-.0350	-.1180		
.550							
.565			-.0820				-.1300
.600						-.1480	
.650					-.2530		
.700	-.1570			-.2810			
.725						-.2570	-.3060
.750							
.760			-.3440				
.775				-.3530	-.3310		
.808			-.2710				
.834	-.2020			-.4110	-.4140	-.4170	
.850							
.857			-.2800				
.865	-.2110						
.900	-.2010			-.4050			-.3050
.905			-.2700				
.950				-.2760	-.3570	-.5050	
.953			-.2210				

DATE 20 SEP 73 TABULATED PRESSURE DATA - 1A9A (RBNL37)

AMES 11-707 1A9 C2A + S3 + T9 LOWER WING

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (1) = 1.099 BETAT (5) = 6.280

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.965	-.1800						

MACH (2) = 1.247 BETAT (1) = -8.130

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.1040	-.0750	.4370	.7510	.6710	.6620	.4470
.050				.5470	.5540	.5200	.6000
.081			[illegible]				
.086		.1330					
.094	.1110			.4950	.5340	.4590	.4820
.150							
.177			.4840				
.229	.1060						
.246		.4680		.3950	.4490	.4640	.4310
.250							
.362	.4180			.3990	.3840		.3480
.400							
.402			.3490				
.497	.4490			.2510	.1120		
.550							.0990
.565			.2410			.0840	
.600							
.650					-.0250		
.700	.2760			-.0060			
.725						-.0330	-.0720
.750							
.760			-.1270				
.775				-.1090	-.0910		
.808			-.1550				
.834	-.1230						
.850				-.2460	-.1820	-.1820	
.857			-.2900				
.865	-.3260						
.900	-.4350			-.3140			-.0590
.905			-.4280				
.950				-.3770	-.3120	-.2760	
.953			-.4310				
.965	-.3860						

MACH (2) = 1.249 BETAT (2) = -4.050

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.2480	-.2670	.3300	.6630	.5930	.5820	.3710
.050				.4700	.4760	.4460	.5490
.081			.5230				
.086		.0270					
.094	.0220						

DATE 26 SEP 73 TABULATED PRESSURE DATA - IA9A (RBM,37)

AMES 11-707 IA9 O2A + S3 + T9 LOWER WING

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (2) = 1.248 BETAT (2) = -4.050

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.150				.4180	.4390	.4060	.4310
.177			.4140				
.229	.0130						
.246		.3940					
.250				.3080	.3850	.4180	.3780
.362	.3400						
.400				.3470	.3370		.3110
.402			.2430				
.497	.3730						
.550				.2070	.0840		
.568			.1880				.0620
.600						.0540	
.650					-.0470		
.700	.2200			-.0410			
.725						-.0590	-.0990
.750							
.760			-.1600				
.775				-.1380	-.1190		
.808			-.1900				
.834	-.1630						
.850				-.2690	-.2060	-.2070	
.857			-.3180				
.865	-.3550						
.900	-.4580			-.3360			-.1100
.905			-.4510				
.950				-.4000	-.3340	-.2980	
.953			-.4530				
.965	-.2540						

MACH (2) = 1.247 BETAT (3) = .020

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.3960	-.3760	.1920	.5680	.5180	.5160	.3340
.050				.3860	.3910	.3340	.4680
.081			.4410				
.086		-.0320					
.094	-.0370						
.150				.3900	.3370	.2980	.3640
.177			.3190				
.225	-.0360						
.246		.2710					
.250				.2120	.2490	.3520	.3420
.362	.2000						
.400				.1930	.2730		.2800
.402			.1040				
.497	.2370						

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A (RBML37)

AMES 11-707 IA9 C2A + S3 + T9 LOWER WING

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (2) = 1.247 BETAT (3) = .020

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.550				.1800	.0740		
.565			.1440				.0270
.600						.0180	
.650					-.0850		
.700	.0900			-.1000			
.725						-.0960	-.1350
.750			-.2270				
.760				-.1920	-.1660		
.775			-.2490				
.808							
.834	-.2270			-.3110	-.2460	-.2440	
.850			-.3650				
.857							
.865	-.4070			-.3760			-.2000
.900	-.3460		-.4910				
.905				-.4350	-.3670	-.3350	
.950			-.4660				
.953							
.965	-.2180						

MACH (2) = 1.252 BETAT (4) = 4.120

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.4360	-.3610	.0700	.4720	.4380	.4410	.2900
.050				.2640	.3230	.3030	.4590
.081			.3060				
.086		-.0390					
.094	-.1090						
.150				.2190	.2840	.3110	.3500
.177			.1840				
.229	-.1080						
.246		.1920					
.250				.1570	.2480	.3460	.3200
.362	.1680						
.400				.1520	.2690		.2380
.402			.0970				
.497	.0400						
.550				.1240	.0260		
.565			.0780				
.600							.1680
.650						-.1070	
.700	.0090				-.1060		
.725				-.1210			
.750						-.1140	-.1590
.760			-.2390				
.775				-.2170	-.1870		

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A (RBML37)

AMES 11-7D7 IA9 O2A + S3 + T9 LOWER WING

DEPENDENT VARIABLE CP

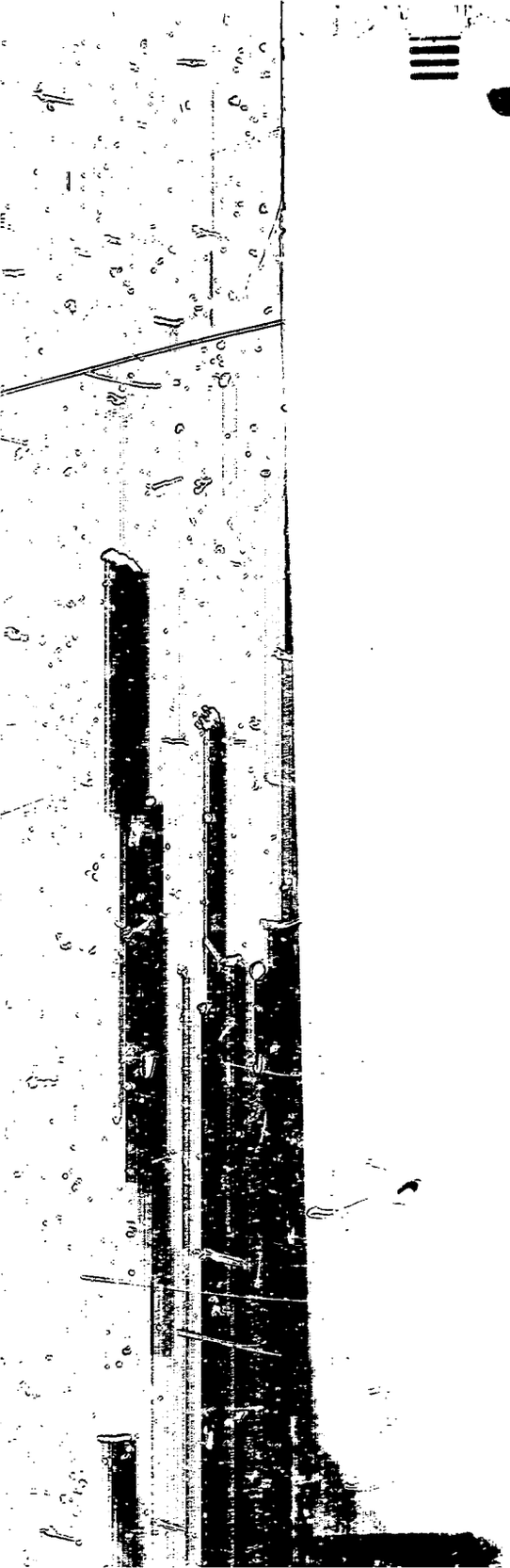
SECTION (1)LOWER WING

MACH (2) = 1.252 BETAT (4) = 4.120

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.808			-.2600				
.834	-.2530			-.3310	-.2660	-.2670	
.850			-.3850				
.857							-.1820
.865	-.3750			-.3940			
.900	-.1880		-.4800				
.905				-.4430	-.3840	-.3519	
.950			-.2400				
.953							
.965	-.1880						

MACH (2) = 1.247 BETAT (5) = 8.230

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.4750	-.3200	-.0200	.3160	.2760	.3450	.1610
.050				.2560	.2740	.2220	.3570
.081			.2900				
.086		.0810					
.094	-.1640			.2020	.2420	.2050	.2480
.150			.2410				
.177							
.229	-.0030						
.246		.1650		.1220	.1670	.2230	.2220
.250							
.362	.0960			.0990	.1430		.1900
.400			.0360				
.402							
.497	.1580			.0150	-.0430		
.550			-.0470				-.0490
.565						-.0675	
.600					-.1550		
.650				-.1770			
.700	-.1180					-.1690	-.2120
.725							
.750			-.2880				
.760				-.2690	-.2270		
.775			-.2870				
.808							
.834	-.1800			-.3710	-.2980	-.2990	
.850			-.3160				
.857							-.2230
.865	-.2020			-.4080			
.900	-.1740						
.905			-.3060	-.4130	-.4110	-.3790	
.950							
.953			-.2730				



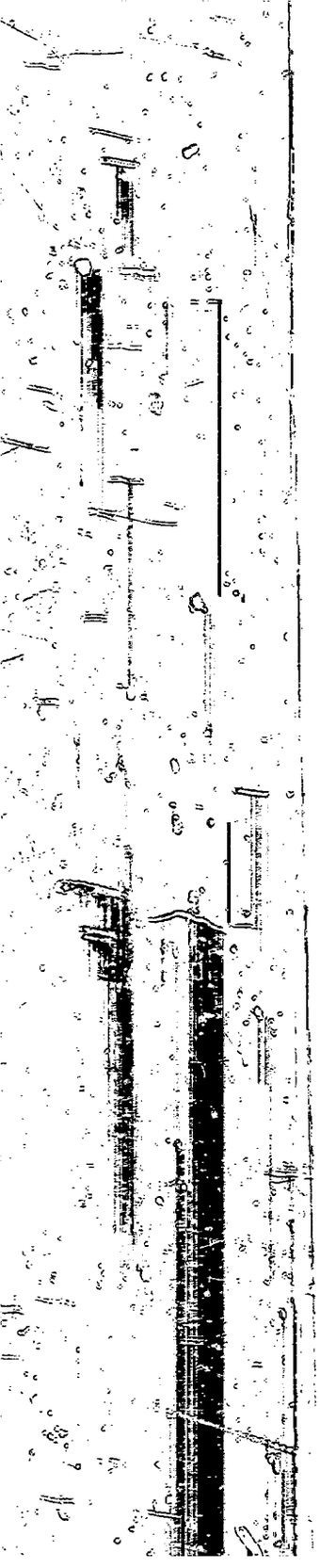
DATE 21 SEP 71 TABULATED PRESSURE DATA - IA9A (RBML37)

AMES 11-7ft IA9 02A + S3 + T9 LOWER WING

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (2) = 1.247 BETAT (5) = 8.230

Y/BW	.299	.364	.427	.534	.673	.785	.887
X/CW							
.965	-.1545						



DATE 25 SEP 73 TABULATED PRESSURE DATA - IA9A (REV=38) (27 APR 73)

AMES 11-707 IA9 02A + S3 + T9 LOWER WING

REFERENCE DATA

SREF =	2.4210 SQ.FT.	XMRP =	28.5300 INCHES		
LREF =	39.8490 INCHES	YMRP =	.0000 INCHES		
BREF =	39.8490 INCHES	ZMRP =	.0000 INCHES		
SCALE =	.0300 SCALE				

PARAMETRIC DATA

ALPHAT =	8.000	ORBINC =	.500
RUDDER =	-15.000	ELEVCP =	.000
RUDFLR =	.000		

SECTION (1)LOWER WING

DEPENDENT VARIABLE CP

MACH (1) = 1.099 BETAT (1) = -3.170

Y/BW	.299	.364	.427	.534	.673	.788	.887
X/CW							
.000	-.2530	-.2600	.2900	.6030	.5070	.4550	.1520
.050				.6140	.6230	.5920	.5330
.081			.6230				
.086		.1310					
.094	.0640			.5257	.5590	.4870	.4800
.150							
.177			.5030				
.229	.1900						
.246		.4880		.4170	.4540	.4520	.4040
.270							
.362	.4440			.3660	.3540		.3030
.400							
.402			.3310				
.497	.4450			.1680	.0450		
.550							
.565			.1710				.0570
.600						.0140	
.650					-.1170		
.700	.2130			-.1220			
.725						-.1170	-.1520
.750							
.760			-.2900				
.775				-.2360	-.1940		
.808			-.2890				
.834	-.2810			-.3830	-.2960	-.2820	
.850							
.857			-.4470				
.865	-.5080			-.4690			-.1230
.900	-.6190						
.905			-.6160				
.950				-.5250	-.4410	-.3870	
.953			-.2240				
.965	-.1870						

MACH (1) = 1.099 BETAT (2) = -4.070

Y/BW	.299	.364	.427	.534	.673	.788	.887
X/CW							
.000	-.4230	-.4890	.1800	.5410	.4540	.4140	.1010
.050				.5250	.5430	.5150	.3710
.081			.5430				
.086		.1220					
.094	.0140						

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A (RBML38)

AMES 11-707 IA9 O2A + S3 + T9 LOWER WING

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (1) = 1.099 BETAT (2) = -4.070

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.150				.4440	.4890	.4340	.4290
.177			.4160				
.229	.1270						
.246		.3970					
.250				.3340	.3930	.4040	.3600
.362	.3440						
.400				.3060	.3040		.2680
.402			.2550				
.497	.3440						
.550				.1220	-.0040		
.565			.1100				
.600							.0080
.650						-.0170	
.700	.1290				-.1470		
.725				-.1660			
.750						-.1460	-.1800
.760			-.3360				
.775				-.2760	-.2300		
.808			-.3320				
.834	-.3360						
.850				-.4180	-.3260	-.3150	
.857			-.4870				
.865	-.5150						
.900	-.2960			-.5020			-.1700
.905			-.6340				
.950				-.3860	-.4680	-.4180	
.953			-.2140				
.965	-.1220						

MACH (1) = 1.099 BETAT (3) = .020

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.5960	-.5150	.0960	.4670	.4140	.3820	.0670
.050				.4080	.4500	.4420	.5230
.081			.4360				
.086		.0600					
.094	-.0350						
.150				.3430	.4000	.3800	.3810
.177			.3050				
.229	.0720						
.246		.2920					
.250				.2430	.3260	.3960	.3160
.362	.2430						
.400				.2360	.2490		.2310
.402			.1710				
.497	.2200						

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (1) = 1.099 BETAT (3) = .020

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.550				.0710	-.0420		
.565			.0360				
.600							-.0330
.650						-.0520	
.700	.0480				-.1650		
.725				-.2160			
.750						-.1810	-.2110
.760			-.3950				
.775				-.3250	-.2710		
.808			-.3850				
.834	-.3540						
.850				-.4560	-.3630	-.3520	
.857			-.4690				
.865	-.2420						
.900	-.2120			-.5340			-.2100
.905			-.3500				
.950				-.1600	-.4950	-.4530	
.953			-.1120				
.965	-.0810						

MACH (1) = 1.099 BETAT (4) = 4.180

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.6010	-.3650	-.0110	.4000	.3670	.3480	.0390
.050				.3260	.3790	.3740	.4740
.081			.3170				
.086		.0280					
.094	-.1420						
.150				.2610	.3350	.3200	.3330
.177			.2260				
.229	.0420						
.246		.1900					
.250				.1710	.2650	.3070	.2740
.362	.1480						
.400				.1600	.1940		.1980
.402			.1050				
.497	.1110						
.550				.0110	-.0820		
.565			-.0100				
.600							-.0660
.650						-.0920	
.700	-.0220				-.2250		
.725				-.2550			
.750						-.2180	-.2500
.760			-.4180				
.775				-.3670	-.3120		

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A

AMES 11-?07 IA9 O2A + S3 + T9 LOWER WING (RBML38)

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (1) = 1.095 BETAT (4) = 4.160

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.908			-.4160				
.834	-.3630						
.850				-.4860	-.3990	-.3860	
.857			-.3440				
.865	-.2230						
.900	-.2030			-.5500			-.2480
.905			-.3220				
.950				-.1900	-.5250	-.4840	
.953			-.1450				
.965	-.1280						

MACH (1) = 1.097 BETAT (5) = 8.310

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.6840	-.2950	-.1550	.1240	.1890	.2480	-.0410
.050				.2720	.3170	.3140	.4380
.081			.3180				
.086		-.0010					
.094	-.2460						
.150				.2110	.2660	.2640	.2990
.177			.2180				
.229	.0540						
.246		.1630					
.250				.1140	.2050	.2550	.2440
.362	.1100						
.400				.1150	.1350		.1940
.402			.0290				
.497	.0800						
.550				-.0360	-.1120		
.565			-.0790				
.600							-.0910
.650						-.1260	
.700	-.1470				-.2490		
.725				-.2810			
.750						-.2420	-.2740
.760			-.3430				
.775				-.3290	-.3250		
.808			-.2490				
.834	-.2010						
.850				-.3730	-.3990	-.4040	
.857			-.2650				
.865	-.2070						
.900	-.1950			-.3820			-.2710
.905			-.2660				
.950				-.2630	-.4700	-.4930	
.953			-.2100				

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A (RBM.38)

AMES 11-707 IA9 C2A + S3 + TS LOWER WING

DEPENDENT VARIABLE CP

SECTION (1)LOWER WING

MACH (1) = 1.097 BETAT (5) = 8.310

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.965	-.1680						

MACH (2) = 1.245 BETAT (1) = -8.110

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.1180	-.1560	.3690	.7200	.6320	.5990	.3350
.050				.6090	.6270	.6050	.6770
.081			.6310				
.086		.1730					
.094	.1420			.5370	.5880	.5360	.5380
.150							
.177			.5110				
.229	.1480						
.246		.4910		.4310	.4950	.5150	.4780
.250							
.362	.4330			.4200	.4170		.3870
.400							
.402			.3700				
.497	.4570			.2600	.1270		
.550							
.565			.2500				.1330
.600						.1160	
.650					-.0110		
.700	.2860			.0000			
.725						-.0050	-.0370
.750							
.760			-.1240				
.775				-.0990	-.0700		
.808			-.1470				
.834	-.1250						
.850				-.2350	-.1660	-.1570	
.857			-.2780				
.865	-.3230						
.900	-.4260			-.3050			-.0240
.905			-.4200				
.950				-.3610	-.2940	-.2530	
.953			-.4190				
.965	-.3630						

MACH (2) = 1.251 BETAT (2) = -4.040

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.2960	-.3220	.2400	.6310	.5620	.5370	.2640
.050				.5360	.5610	.5480	.6310
.081			.0390				
.086		.0570					
.094	.0440						

AMES 11-707 IA9 C2A + S3 + T9 LOWER WING (RBM,38)

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (2) = 1.251 BETAT (2) = -4.040

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.150				.4690	.5110	.4930	.4960
.177			.4430				
.229	.0530						
.246		.3990					
.250				.3530	.4430	.4810	.4440
.362	.3350						
.450				.3760	.3780		.3600
.482			.3020				
.497	.3770						
.550				.2260	.1070		
.565			.2010				
.600							.1020
.650						.0920	
.700	.2160				-.0290		
.725				-.0250			
.750						-.0260	-.0640
.760			-.1570				
.775				-.1250	-.0930		
.808			-.1810				
.834	-.1660						
.850				-.2590	-.1850	-.1600	
.857			-.3110				
.865	-.3560						
.900	-.4310			-.3260			-.0820
.905			-.4430				
.950				-.3830	-.3150	-.2730	
.953			-.4430				
.965	-.2440						

MACH (2) = 1.246 BETAT (3) = .020

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.4120	-.3850	.0550	.5210	.4800	.4730	.2130
.050				.4440	.4670	.4500	.5680
.081			.4740				
.086		.0310					
.094	-.0160						
.150				.3720	.4050	.4250	.4370
.177			.3430				
.229	.0110						
.246		.2880					
.250				.2380	.3630	.4240	.3890
.362	.2180						
.450				.3090	.3110		.3130
.482			.1790				
.497	.2490						

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (2) = 1.246 BETAT (3) = .020

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.550				.1440	.0670		
.565			.1160				
.600							.0570
.650						.0400	
.700	.1230				-.0700		
.725				-.0890			
.750						-.0700	-.1070
.760			-.2200				
.775				-.1830	-.1480		
.808			-.2440				
.834	-.2290						
.850				-.3020	-.2290	-.2210	
.857			-.3650				
.865	-.4040						
.900	-.2170			-.3700			-.1480
.905			-.4860				
.950				-.4270	-.3530	-.3130	
.953			-.4500				
.965	-.1920						

MACH (2) = 1.245 BETAT (4) = 4.130

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.4330	-.3940	-.0100	.4260	.4050	.4390	.1910
.050				.3180	.3880	.4080	.5320
.081			.3050				
.086		.0250					
.094	-.0980						
.150				.2670	.3400	.3900	.4010
.177			.2010				
.229	-.0700						
.246		.1770					
.250				.1750	.3220	.3810	.3540
.362	.1480						
.400				.2180	.2570		.2830
.402			.1210				
.497	.0500						
.550				.0940	.0230		
.565			.0620				
.600							.0370
.650						.0090	
.700	.0630				-.1040		
.725				-.1330			
.750						-.1980	-.1310
.760			-.2560				
.775				-.2270	-.1880		

AMES 11-707 IA9 O2A + S3 + T9 LOWER WING (RBML38)

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (2) = 1.245 BETAT (4) = 4.130

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.808			-.2730				
.834	-.2570						
.850				-.3360	-.2660	-.2490	
.857			-.3830				
.865	-.2440						
.900	-.1670			-.3990			-.1620
.905			-.3450				
.950				-.4400	-.3840	-.3430	
.953			-.2490				
.965	-.1840						

MACH (2) = 1.245 BETAT (5) = 8.250

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.4750	-.3550	-.1020	.2470	.2780	.3110	.1090
.050				.2930	.3240	.2860	.4400
.081			.3030				
.086		.0120					
.094	-.1690						
.150				.2470	.2670	.2590	.3250
.177			.2430				
.229	.0860						
.246		.1430					
.250				.1330	.1930	.2840	.2880
.362	.0780						
.400				.1150	.1790		.2350
.402			.0220				
.497	.1520						
.550				.0280	-.0310		
.565			-.0230				
.600							-.0150
.650						-.0540	
.700	-.1130				-.1600		
.725				-.1910			
.750						-.1560	-.1830
.760			-.3020				
.775				-.2810	-.2340		
.808			-.2570				
.834	-.1760						
.850				-.3650	-.3040	-.2930	
.857			-.2670				
.865	-.1830						
.900	-.1690			-.3700			-.1920
.905			-.2800				
.950				-.3670	-.4120	-.3780	
.953			-.2580				

DATE 20 SEP 73 TABULATED PRESSURE DATA : IHJM

AMES 11-707 IA9 CEA + S3 + T9 LOWER WING (RBML38)

SECTION (1)LOWER WING

DEPENDENT VARIABLE CP

MACH (2) = 1.245 BETAT (5) = 8.250

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.965	-.1530						

AMES 11-707 IA9 02A + S3 + T9 LOWER WING (RBML39) (27 APR 73)

REFERENCE DATA

SREF =	2.4210 SQ.FT.	XMRP =	28.5300 INCHES		
LREF =	39.8490 INCHES	YMRP =	.0000 INCHES		
BREF =	39.8490 INCHES	ZMRP =	.0000 INCHES		
SCALE =	.0300 SCALE				

PARAMETRIC DATA

ALPHAT =	-8.000	ORBINC =	.500
RUDDER =	-5.000	ELEVON =	.000
RUDFLR =	.000		

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (1) = 1.105 BETAT (1) = -8.180

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.0960	-.2550	.4920	.6880	.6270	.5870	.5380
.050				-.1030	-.2530	-.6910	-.5300
.081			.1510				
.086		-.0750					
.094	-.1930						
.150				.1320	-.1290	-.1930	-.4370
.177			.1550				
.229	-.1250						
.246		.2330					
.250				.0230	-.0890	-.0490	-.3170
.362	.2870						
.400				.0140	-.0140		.0040
.402			.0050				
.497	.2840						
.550				-.1170	-.2250		
.565			-.1180				
.600							-.1740
.650						-.2670	
.700	-.1200				-.3520		
.725				-.3320			
.750						-.3660	-.3880
.760			-.4070				
.775				-.3850	-.4330		
.808			-.4090				
.834	-.3980						
.850				-.4960	-.4840	-.5040	
.857			-.5670				
.865	-.5870						
.900	-.5930			-.5660			-.4030
.905			-.2990				
.950				-.3140	-.4840	-.2920	
.953			-.2710				
.965	-.2420						

MACH (1) = 1.097 BETAT (2) = -4.070

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.1820	-.3290	.4050	.5870	.5190	.4550	.4040
.050				-.2050	-.4220	-.7460	-.6430
.081			.1090				
.086		-.1480					
.094	-.2370						

DATE 20 SEP 73 TABULATED PRESSURE DATA -- IA9A (RBML39)

AMES 11-707 IA9 C2A + S3 + T9 LOWER WING

DEPENDENT VARIABLE CP

SECTION (1)LOWER WING

MACH (1) = 1.097 BETAT (2) = -4.070

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.150				.0170	-.2190	-.2770	-.5960
.177			.0890				
.229	-.1420						
.246		.1830					
.250				-.0500	-.1570	-.1790	-.4830
.362	.2390						
.400				-.0990	-.1090		-.0500
.402			-.1040				
.497	.1980						
.550				-.1930	-.2980		
.565			-.2010				-.2350
.600						-.3310	
.650					-.4240		
.700	-.2190			-.4280			
.725						-.4250	-.4210
.750							
.760			-.4630				
.775				-.4910	-.5050		
.808			-.4470				
.834	-.4200						
.850				-.5580	-.5670	-.5630	
.857			-.5770				
.865	-.6190						
.900	-.4000			-.2840			-.4470
.905			-.2660				
.950				-.2420	-.2720	-.5570	
.953			-.2590				
.965	-.1970						

MACH (1) = 1.098 BETAT (3) = .020

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.2710	-.3760	.3380	.4880	.4040	.3130	.2550
.050				-.2420	-.5300	-.7970	-.7440
.081			.0940				
.086		.0250					
.094	-.2260			-.0760	-.2920	-.4110	-.6330
.150			.0160				
.177							
.229	-.0180						
.246		.1460		-.1280	-.2130	-.2840	-.5920
.250							
.362	.1670			-.1840	-.1860		-.1220
.400			-.1740				
.402							
.497	.0920						

AMES 11-707 IA9 O2A + S3 + T9 LOWER WING (RBML39)

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (1) = 1.098 BETAT (3) = .020

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.550				-.2900	-.3770		
.565			-.2820				
.600							-.2800
.650						-.3950	
.700	-.3150				-.4760		
.725				-.4710			
.750						-.4750	-.4680
.760			-.5200				
.775				-.5060	-.5500		
.808			-.5010				
.834	-.4840						
.850				-.4660	-.6100	-.5820	
.857			-.6250				
.865	-.3960						
.900	-.3940			-.2530			-.4940
.905			-.2910				
.950				-.2500	-.2910	-.4250	
.953			-.2260				
.965	-.2300						

MACH (1) = 1.104 BETAT (4) = 4.160

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	.0000	.0000	.0000	.0000	.0000	.0000	.0000
.050				.0000	.0000	.0000	.0000
.081			.0000				
.086		.0000					
.094	.0000						
.150				.0000	.0000	.0000	.0000
.177			.0000				
.229	.0000						
.246		.0000					
.250				.0000	.0000	.0000	.0000
.362	.0000						
.400				.0000	.0000		.0000
.402			.0000				
.497	.0000						
.550				.0000	.0000		
.565			.0000				
.600							.0000
.650						.0000	
.700	.0000				.0000		
.725				.0000			
.750						.0000	.0000
.760			.0000				
.775				.0000	.0000		

DATE 20 SEP 73 TABULATED PRESSURE DATA - TA9A

AMES 11-7OT IA9 O2A + S3 + T9 LOWER WING (RBML39)

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (1) = 1.104 BETAT (4) = 4.160

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.808			.0000				
.834	.0000			.0000	.0000	.0000	
.850							
.857			.0000				
.865	.0000			.0000			.0000
.900	.0000						
.905			.0000	.0000	.0000	.0000	
.950							
.953			.0000				
.965	.0000						

MACH (1) = 1.099 BETAT (5) = 8.310

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.4640	-.3780	.2840	.3600	.2120	.0590	-.0280
.050				-.1780	-.5250	-.8570	-.7250
.081			.0930				
.086		.0250					
.094	-.2940			-.1090	-.1000	-.4220	-.7750
.150							
.177			.0030				
.229	-.0320						
.246		.0940		-.1590	-.2580	-.4320	-.7420
.250							
.362	.0710			-.2050	-.2200		-.0330
.400							
.402			-.2080				
.497	.0370			-.2760	-.3530		
.550							
.565			-.2760				-.3090
.600						-.3780	
.650					-.4650		
.700	-.2400			-.4440			
.725						-.4560	-.4450
.750							
.760			-.4490				
.775				-.5040	-.5180		
.808			-.3490				
.834	-.2840			-.5030	-.5750	-.5650	
.850							
.857			-.3420				
.865	-.2840			-.4480			-.4780
.900	-.2790						
.905			-.3260				
.950				-.2150	-.2830	-.3050	
.953			-.2470				

AMES 11-7ft IA9 C2A + S3 + T9 LOWER WING (FBML39)

SECTION - LOWER WING DEPENDENT VARIABLE CP

MACH (1) = 1.099 BETAT (5) = 8.319

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.965	-.2710						

MACH (2) = 1.251 BETAT (1) = -8.125

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	.0020	-.0730	.2880	.6690	.6300	.6040	.5990
.050				-.3870	-.4030	-.4500	-.3800
.081			.1550				
.086		-.0850					
.094	-.0550						
.150				.1250	-.2160	-.1040	-.3660
.177			.0350				
.229	-.0540						
.246		.0300					
.250				.1160	.1320	-.0200	-.2800
.362	-.0340						
.400				.1160	.0900		.0120
.402			.1110				
.497	.3100						
.550				.0030	-.0980		
.565			.0190				
.600							-.0580
.650						-.1530	
.700	.0020				-.2260		
.725				-.2120			
.750						-.2330	-.2430
.760			-.2410				
.775				-.2820	-.2950		
.808			-.2460				
.834	-.1890						
.850				-.3480	-.3530	-.3500	
.857			-.3740				
.865	-.3720						
.900	-.4780			-.3840			-.2760
.905			-.4950				
.950				-.4560	-.4330	-.4210	
.953			-.4970				
.965	-.3950						

MACH (2) = 1.249 BETAT (2) = -4.050

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.0820	-.1690	.1330	.5380	.5090	.4870	.4880
.050				-.4880	-.4160	-.4960	-.4670
.081			-.1080				
.086		-.1530					
.094	-.1270						

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A (RBML39)

AMES 11-707 IA9 C2A + S3 + T9 LOWER WING

DEPENDENT VARIABLE CP

SECTION (1)LOWER WING

MACH (2) = 1.249 BETAT (2) = -4.050

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.150				-.0900	-.3500	-.1990	-.4340
.177			.0300				
.229	-.1500						
.246		-.0800		.0700	.0210	-.1150	-.3530
.250							
.362	-.0890			.0160	.0280		-.0490
.400							
.402			.0260				
.497	.2230			-.0760	-.1660		
.550							
.565			-.0530				-.1170
.600						-.2190	
.650					-.2710		
.700	-.0730			-.2680			
.725						-.2780	-.2900
.750							
.760			-.3110				
.775				-.3320	-.3440		
.808			-.2870				
.804	-.2390			-.4120	-.3940	-.3820	
.850							
.857			-.4000				
.865	-.4110			-.4280			-.3120
.900	-.5010						
.905			-.5210				
.950				-.4890	-.4740	-.4570	
.953			-.3720				
.965	-.3600						

MACH (2) = 1.246 BETAT (3) = .020

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.1580	-.1960	.0180	.4120	.4210	.3740	.3720
.050				-.4130	-.4030	-.5510	-.5120
.081			-.0370				
.086		-.1820					
.094	-.1650			.0290	-.3570	-.2630	-.4630
.150			-.0230				
.177							
.229	-.1820						
.246		-.0460		-.0150	-.0460	-.1950	-.4120
.250							
.362	-.0480			-.0660	-.0590		-.0070
.400			-.0640				
.402							
.497	.1440						

AMES 11-707 IA9 C2A + S3 + T9 LOWER WING (RBML39)

SECTION (1) LOWER WING DEPENDENT VARIABLE CP

MACH (2) = 1.246 BETAT (3) = .020

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.550				-.1700	-.2260		
.565			-.1630				
.600							-.1780
.650						-.2490	
.700	-.1690				-.3440		
.725				-.3330			
.750						-.3360	-.3420
.760			-.3770				
.775				-.3920	-.4050		
.808			-.3500				
.834	-.2830						
.850				-.4690	-.4490	-.4430	
.857			-.4480				
.875	-.4490						
.900	-.3780			-.4780			-.3730
.905			-.5530				
.950				-.5260	-.5220	-.5170	
.953			-.3730				
.965	-.3840						

MACH (2) = 1.246 BETAT (4) = 4.130

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.2570	-.2370	-.0070	.3890	.3420	.2650	.2470
.050				-.3220	-.4820	-.6030	-.5820
.081			-.0290				
.086		-.2410					
.094	-.1990						
.150				-.1050	-.2980	-.3660	-.5620
.177			.0230				
.229	-.2060						
.246		.0740					
.250				-.1620	-.2290	-.2860	-.5040
.362	.0490						
.400				-.1420	-.1480		-.1900
.402			-.1360				
.497	-.0180						
.550				-.2380	-.2700		
.565			-.2090				
.600							-.1830
.650						-.2770	
.700	-.2120				-.3840		
.725				-.3460			
.750						-.3580	-.3400
.760			-.3730				
.775				-.3990	-.4270		

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A

AMES 11-707 IA9 C2A + S3 + T9 LOWER WING (RBML39)

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (2) = 1.246 BETAT (4) = 4.130

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.808			-.3800				
.834	-.3120						
.850				-.4710	-.4710	-.4480	
.857			-.4850				
.865	-.2970						
.900	-.2630			-.5180			-.3760
.905			-.4120				
.950				-.2480	-.4620	-.5010	
.953			-.2450				
.965	-.2270						

MACH (2) = 1.245 BETAT (5) = 8.250

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.3850	-.2730	.1290	.3980	.2650	.1600	.1290
.050				-.2630	-.5240	-.6170	-.5840
.081			.1040				
.086		-.2060					
.094	-.2230						
.150				-.1460	-.1880	-.3770	-.5690
.177			-.0070				
.229	-.2210						
.246		.1520					
.250				-.1380	-.2170	-.3620	-.5340
.362	.0180						
.400				-.1660	-.1670		-.0010
.402			-.1720				
.497	-.0130						
.550				-.2240	-.2700		
.565			-.2130				
.600							-.2550
.650						-.3180	
.700	-.2070				-.3970		
.725				-.3730			
.750						-.3930	-.3770
.760			-.4240				
.775				-.4330	-.4580		
.808			-.4030				
.834	-.2590						
.850				-.5140	-.4930	-.4870	
.857			-.3830				
.865	-.2750						
.900	-.2620			-.5360			-.4090
.905			-.3470				
.950				-.3240	-.5520	-.5440	
.953			-.2420				

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A

AMES 11-707 IA9 CEA + S3 + T9 LOWER WING (RBML39)

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (2) = 1.245 BETAT (5) = 8.250

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.965	-.2220						

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A (RBML40) (27 APR 73)

AMES 11-707 IA9 C2A + S3 + T9 LOWER WING

REFERENCE DATA

SREF =	2.4210 SQ.FT.	XMRP =	28.5300 INCHES
LREF =	39.8490 INCHES	YMRP =	.0000 INCHES
BREF =	39.8490 INCHES	ZMRP =	.0000 INCHES
SCALE =	.0300 SCALE		

PARAMETRIC DATA

ALPHAT =	-4.000	ORBINC =	.500
RUDDER =	-5.000	ELEVON =	.000
RUDFLR =	.000		

SECTION (1)LOWER WING

MACH (1) = 1.101 BETAT (1) = -0.190

DEPENDENT VARIABLE CP

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.1250	-.1060	.5520	.7670	.7150	.6950	.6440
.050				.1030	.0200	-.2060	-.2370
.081			.2970				
.086		-.0300					
.094	-.1490						
.150				.2190	.1130	.0060	.0590
.177			.2540				
.229	-.0740						
.246		.3000					
.250				.1100	.0940	.1080	.0860
.362	.3250						
.400				.1270	.0840		.0830
.402			.0800				
.497	.3320						
.550				-.0270	-.1410		
.565			-.0[illegible]3				-.1770
.600						-.2070	
.650					-.2550		
.700	-.[illegible]40			-.2310			
.725						-.2910	-.3670
.750							
.760			-.3690				
.775				-.3490	-.3480		
.808			-.3810				
.834	-.3490						
.850				-.4890	-.4310	-.4460	
.857			-.5380				
.865	-.5800						
.900	-.4960			-.5610			-.3710
.905			-.4000				
.950				-.4180	-.5610	-.5290	
.953			-.2580				
.965	-.2220						

MACH (1) = 1.101 BETAT (2) = -4.080

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.2030	-.1550	.4810	.6850	.6240	.5970	.5390
.050				.0040	-.0750	-.3870	-.3690
.081			.2320				
.086		.0300					
.094	-.1690						

AMES 11-707 IA9 C2A + S3 + T9 LOWER WING (RBML40)

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (1) = 1.101 BETAT (2) = -4.080

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.150				.1460	.0430	-.0940	-.0820
.177			.1690				
.229	-.1440						
.246		.2440					
.250				.0210	-.0380	.0120	-.0010
.362	.2670						
.400				.0080	.0000		.0260
.402			-.0120				
.497	.2370						
.550				-.1140	-.2180		
.565			-.1350				
.600							-.2410
.650						-.2800	
.700	-.1640				-.3620		
.725				-.3360			
.750						-.3840	-.4160
.760			-.4010				
.775				-.3740	-.4350		
.808			-.4140				
.834	-.4030						
.850				-.5090	-.4970	-.3220	
.857			-.5720				
.865	-.5960						
.900	-.3380			-.4930			-.4480
.905			-.2190				
.950				-.2300	-.5750	-.6050	
.953			-.2130				
.965	-.1900						

MACH (1) = 1.101 BETAT (3) = .020

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.3090	-.1930	.4030	.5890	.5070	.4660	.4420
.050				-.0670	-.1680	-.5100	-.4360
.081			.1850				
.086		.0720					
.094	-.1990						
.150				.0440	-.0300	-.1760	-.2170
.177			.0950				
.229	.0530						
.246		.1890					
.250				-.0580	-.1420	-.1000	-.1070
.362	.1940						
.400				-.1210	-.0910		-.0130
.402			-.1370				
.497	.1260						

AMES 11-7?? IA9 O2A + S3 + T9 LOWER WING (RBML4D)

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (1) = 1.101 BETAT (3) = .020

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.550				-.1930	-.2770		
.565			-.2170				
.600							-.2620
.650						-.2970	
.700	-.2510				-.3990		
.725				-.3600			
.750						-.4050	-.4260
.760			-.4530				
.775				-.4290	-.4720		
.808			-.4590				
.834	-.4530						
.850				-.5410	-.5000	-.5490	
.857			-.5440				
.865	-.4790						
.900	-.3480			-.2450			-.4540
.905			-.2490				
.950				-.2050	-.4230	-.5870	
.953			-.2220				
.965	-.1960						

MACH (1) = 1.089 BETAT (4) = 4.140

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.4480	-.2150	.3320	.5190	.4270	.3960	.3430
.050				-.1230	-.3080	-.6190	-.4770
.081			.1480				
.086		.0760					
.094	-.2430						
.150				-.0720	-.0380	-.1960	-.3490
.177			.0060				
.229	.0580						
.246		.1500					
.250				-.0880	-.1620	-.1520	-.1960
.362	.1500						
.400				-.1430	-.1200		.0120
.402			-.1670				
.497	-.0510						
.550				-.1770	-.2660		
.565			-.1870				
.600							-.2540
.650						-.2960	
.700	-.1890				-.3680		
.725				-.3590			
.750						-.3850	-.4140
.760			-.4880				
.775				-.4480	-.4300		

AMES 11-707 IA9 C2A + S3 + T9 LOWER WING (RBML40)

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (1) = 1.099 BETAT (4) = 4.140

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.808			-.4700				
.834	-.3390						
.850				-.5660	-.4910	-.5090	
.857			-.3990				
.865	-.2880						
.900	-.2700			-.4140			-.4230
.905			-.3840				
.950				-.2260	-.4160	-.5820	
.953			-.1900				
.965	-.2120						

MACH (1) = 1.100 BETAT (5) = 8.260

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.5790	-.1060	.3270	.4800	.3690	.3110	.2440
.050				-.0440	-.1680	-.5880	-.4330
.081			.1730				
.086		.0770					
.094	-.2560						
.150				.0000	-.0480	-.1990	-.3270
.177			.0770				
.229	.0120						
.246		.1390					
.250				-.0790	-.1610	-.1200	-.1060
.362	.1080						
.400				-.0950	-.0910		.0340
.402			-.1360				
.497	.0670						
.550				-.1920	-.2590		
.565			-.2310				
.600							-.2360
.650						-.2910	
.700	-.2180				-.3740		
.725				-.3770			
.750						-.3730	-.4010
.760			-.4140				
.775				-.4440	-.4320		
.808			-.2920				
.834	-.2490						
.850				-.4350	-.4850	-.4850	
.857			-.2860				
.865	-.2480						
.900	-.2340			-.3950			-.4010
.905			-.2710				
.950				-.2080	-.2530	-.4580	
.953			-.1930				

DATE 20 SEP 73

AMES 11-707 IA9 OEA + 85 + T9 LOWER WING (RBML40)

SECTION (1)LOWER WING

DEPENDENT VARIABLE CP

MACH (1) = 1.100 BETAT (5) = 8.260

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.965	-.2320						

MACH (2) = 1.244 BETAT (1) = -8.150

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	.0010	.0020	.3610	.7750	.7390	.7390	.6960
.050				.0550	-.0270	-.2010	-.1870
.081			.2250				
.086		-.0750					
.094	-.0500			.2840	.2010	.0720	.0570
.150							
.177			.2980				
.229	-.0640						
.246		.1270		.1930	.0940	.1490	.1350
.250							
.362	-.0950			.1650	.1520		.1840
.400							
.402			.1660				
.497	.3900			.0510	-.0460		
.550							
.565			.0570				-.0640
.600						-.0980	
.650					-.1680		
.700	.0580			-.1530			
.725						-.1970	-.2300
.750							
.760			-.1860				
.775				-.1950	-.2460		
.808			-.2150				
.834	-.1820			-.2910	-.3030	-.3240	
.850							
.857			-.3510				
.865	-.3660			-.3600			-.2770
.900	-.4730						
.905			-.4760	-.4440	-.3770	-.4000	
.950							
.953			-.4820				
.965	-.4150						

MACH (2) = 1.245 BETAT (2) = -4.060

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.0830	-.0800	.2670	.6660	.6380	.6350	.6010
.050				-.0970	-.1300	-.3130	-.2490
.081			.2510				
.086		-.1410					
.094	-.1210						

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A

AMES 11-707 IA9 O2A + S3 + T9 LOWER WING (RBML40)

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (2) = 1.245 BETAT (2) = -4.060

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.150				.1740	.1410	.0020	-.0590
.177			.2160				
.229	-.1340						
.246		.0130					
.250				.1100	.0230	.0630	.0350
.362	-.0660						
.400				.0790	.0770		.1350
.402			.0720				
.497	.2850						
.550				-.0040	-.0980		
.565			-.0110				
.600							-.0990
.650						-.1290	
.700	-.0420				-.2070		
.725				-.2030			
.750						-.2260	-.2610
.760			-.2500				
.775				-.2730	-.2860		
.808			-.2540				
.834	-.2210						
.850				-.3290	-.3500	-.3570	
.857			-.3730				
.865	-.3970						
.900	-.4970			-.3780			-.3030
.905			-.4970				
.950				-.4530	-.4320	-.4360	
.953			-.4710				
.965	-.3200						

MACH (2) = 1.248 BETAT (3) = .010

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.100	-.1960	-.1210	.2000	.5800	.5390	.5310	.5080
.150				-.0980	-.1760	-.3860	-.2850
.181			.1850				
.186		-.1340					
.194	-.1590						
.150				.0950	.0720	-.0560	-.1730
.177			.1700				
.229	-.1740						
.246		.1570					
.250				.0340	-.0400	-.0690	-.0260
.362	.0530						
.400				-.0080	.0070		.1040
.402			-.0170				
.497	.1870						

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A (RBML40)

AMES 11-707 IA9 C2A + S3 + T9 LOWER WING

DEPENDENT VARIABLE CP

SECTION (1)LOWER WING

MACH (2) = 1.248 BETAT (3) = .010

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.550				-.1010	-.1710		
.565			-.0950				-.1510
.600						-.1930	
.650					-.2660		
.700	-.1270			-.2700			
.725						-.2860	-.3070
.750			-.3060				
.760				-.3300	-.3290		
.775			-.3010				
.808							
.834	-.2670			-.3960	-.3870	-.3930	
.850			-.4190				
.857							
.865	-.4340			-.4230			-.3510
.900	-.4110		-.5350				
.905				-.4900	-.4800	-.4610	
.950			-.3420				
.953							
.965	-.3380						

MACH (2) = 1.252 BETAT (4) = 4.110

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.3260	-.1530	.2270	.5180	.4410	.4220	.4330
.050				-.0770	-.2710	-.4480	-.3410
.081			.1510				
.086		-.1700					
.094	-.2010			-.0170	-.0020	-.1370	-.2350
.150			.0620				
.177							
.229	-.2100						
.246		.1360		-.0780	-.1410	-.1190	-.0840
.250							
.362	.0980			-.0630	-.0510		.0850
.410			-.0560				
.482							
.497	.0110			-.1510	-.2050		
.550			-.1540				
.565							-.1500
.600						-.1960	
.650					-.2590		
.700	-.1740			-.2820			
.725						-.2660	-.3120
.750							
.760			-.3300				
.775				-.3270	-.3240		

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A

AMES 11-7U7 IA9 C2A + S3 + T9 LOWER WING (RBML40)

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (2) = 1.252 BETAT (4) = 4.110

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.806			-.3390				
.834	-.3120						
.850				-.3870	-.3720	-.3830	
.857			-.4550				
.865	-.3120						
.900	-.2530			-.4290			-.3420
.905			-.4420				
.950				-.2980	-.4470	-.4560	
.953			-.2200				
.965	-.2020						

MACH (2) = 1.250 BETAT (5) = 8.210

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.4410	-.2450	.2980	.4690	.3610	.3380	.3260
.050				-.0820	-.2670	-.4320	-.3370
.081			.1200				
.086		-.0430					
.094	-.2630						
.150				-.0040	.0080	-.1170	-.2420
.177			.0610				
.229	-.1880						
.246		.1310					
.250				-.0700	-.1070	-.1010	-.1330
.362	.0540						
.400				-.0840	-.0820		.0310
.402			-.0960				
.497	-.0070						
.550				-.1590	-.2130		
.565			-.1770				
.600							-.2560
.650						-.2560	
.700	-.1950				-.3220		
.725				-.3260			
.750						-.3210	-.3390
.760			-.3990				
.775				-.3740	-.3780		
.808			-.3890				
.834	-.2740						
.850				-.4650	-.4210	-.4230	
.857			-.4050				
.865	-.2730						
.900	-.2510			-.5000			-.3720
.905			-.3480				
.950				-.4110	-.4970	-.4920	
.953			-.2220				

DATE 25 SEP 73 TABULATED PRESSURE DATA - IA9A

AMES 11-7ft IA9 C2A + S3 + T9 LOWER WING (RBML40)

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (2) = 1.250 BETAT (5) = 8.210

Y/BW	.299	.364	.427	.534	.673	.785	.887
X/CW							
.965	-.2070						

AMES 11-707 IA9 C2A + S3 + T9 LOWER WING (RBML41) (27 APR 73)

REFERENCE D

SREF = 2.4210 SQ.FT. XMRP = 28.5300 INCHES
LREF = 39.8490 INCHES YMRP = .0000 INCHES
BREF = 39.8490 INCHES ZMRP = .0000 INCHES
SCALE = .0300 SCALE

PARAMETRIC DATA

ALPHAT = .000 ORBINC = .500
RUDDER = -5.000 ELEVON = .000
RUDFLR = .000

SECTION (1)LOWER WING

DEPENDENT VARIABLE CP

MACH (1) = 1.101 BETAT (1) = -8.200

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.1290	-.0380	.5240	.7560	.6830	.7000	.5920
.050				.2950	.2760	.2230	.2320
.081			.4190				
.086		.0380					
.094	-.1100						
.150				.3180	.2860	.2060	.2260
.177			.3430				
.229	-.0520						
.246		.3670					
.250				.2220	.2340	.2390	.2540
.362	.3680						
.400				.2290	.1860		.1840
.432			.1970				
.497	.3810						
.550				.0790	-.0790		
.565			.0830				
.600							-.1250
.650						-.1360	
.700	.1310				-.2230		
.725				-.2020			
.750						-.2570	-.3020
.760			-.3540				
.775				-.3240	-.3120		
.808			-.3560				
.834	-.3330						
.850				-.4660	-.4030	-.4150	
.857			-.5170				
.865	-.5490						
.900	-.5550			-.5390			-.3430
.905			-.4380				
.950				-.5520	-.5430	-.5120	
.953			-.2450				
.965	-.2130						

MACH (1) = 1.098 BETAT (2) = -4.090

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.2100	-.1180	.4670	.6950	.6240	.6340	.5490
.050				.1970	.1640	.1970	.1340
.081			.3450				
.086		.0400					
.094	-.1510						

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (1) = 1.098 BETAT (2) = -4.090

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.150				.2300	.1700	.1010	.1360
.177			.2550				
.229	-.1290						
.245		.3010					
.250				.1100	.1310	.1550	.1260
.362	.3000						
.400				.1260	.1000		.1120
.402			.0600				
.497	.2800						
.550				.0050	-.1040		
.565			-.0080				
.600							-.1640
.650						-.1750	
.700	.0030				-.2590		
.725				-.2370			
.750						-.2960	-.3430
.760			-.3820				
.775				-.3540	-.3460		
.808			-.3900				
.834	-.3670						
.850				-.4920	-.4340	-.4530	
.857			-.5430				
.865	-.5720						
.900	-.3480			-.5380			-.3870
.905			-.1870				
.950				-.2210	-.5730	-.5420	
.953			-.1930				
.965	-.1570						

MACH (1) = 1.100 BETAT (3) = .020

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.100	-.3590	-.1560	.3880	.6050	.5460	.5430	.4790
.150				.0940	.1650	-.0230	-.0240
.181			.2750				
.186		.0910					
.194	-.2150						
.150				.1460	.1820	-.0140	.0640
.177			.1580				
.229	.0690						
.240		.2310					
.250				.0660	-.0020	.0790	.0680
.362	.2190						
.400				-.0240	.0480		.0680
.402			-.0860				
.497	.1520						

AMES 11-707 IA9 C2A + S3 + T9 LOWER WING (RBML41)

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (1) = 1.100 BETAT (3) = .020

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.550				-.0810	-.1760		
.565			-.1120				
.600							-.2060
.650						-.2120	
.700	-.1100				-.2740		
.725				-.2600			
.750						-.3090	-.3630
.760			-.4130				
.775				-.3780	-.3650		
.808			-.4210				
.834	-.4260						
.850				-.5160	-.4550	-.4680	
.857			-.5710				
.865	-.3630						
.900	-.2930			-.2580			-.4020
.905			-.2030				
.950				-.1840	-.5160	-.5620	
.953			-.1800				
.965	-.1380						

MACH (1) = 1.100 BETAT (4) = 4.130

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.5310	-.1620	.3080	.5560	.5040	.4820	.4290
.050				.0330	.0140	-.0590	-.1030
.081			.2260				
.086		.0920					
.094	-.2380						
.150				.1310	.0460	-.0530	.0520
.177			.0830				
.229	.0890						
.246		.1840					
.250				-.0350	-.0380	.0630	.0610
.362	.1700						
.400				-.0040	.0350		.0690
.402			-.0680				
.497	.0130						
.550				-.0470	-.1520		
.565			-.0720				
.600							-.2050
.650						-.2150	
.700	-.1130				-.2920		
.725				-.2870			
.750						-.3240	-.3770
.760			-.4330				
.775				-.3980	-.3840		

DATE 28 SEP 79 TABULATED PRESSURE DATA [illegible] (RBML41)

AMES 11-707 1A9 C0A + S3 + T9 LOWER WING

DEPENDENT VARIABLE CP

SECTION (1)LOWER WING

MACH (1) = 1.100 BETAT (4) = 4.130

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.808			-.4330				
.834	-.3060						
.850				-.5310	-.4670	-.4800	
.857			-.4940				
.865	-.2940			-.2100			-.4120
.900	-.2520						
.905			-.2410				
.950				-.1620	-.3250	-.5710	
.953			-.1380				
.965	-.1420						

MACH (1) = 1.100 BETAT (5) = 6.250

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.6050	-.1260	.2130	.4590	.4110	.4070	.3860
.050				.0950	.0190	-.0450	-.0370
.081			.2380				
.086		.0810					
.094	-.3010			.0980	.0430	-.0240	.0610
.150			.1360				
.177							
.229	.0260						
.246		.1540		-.0220	-.0220	.0540	.0650
.250							
.362	.1250			-.0230	-.0080		.0630
.400			-.0730				
.402							
.497	.0850			-.1110	-.1450		
.550			-.1490				
.565							-.2170
.620						-.2170	
.650					-.2960		
.700	-.2050			-.2920			
.725						-.3270	-.3810
.750							
.760			-.3280				
.775				-.3630	-.3820		
.808			-.2620				
.834	-.2160			-.4230	-.4630	-.4790	
.850							
.857			-.2730				
.865	-.2180			-.3990			-.4130
.900	-.2040						
.905			-.2540				
.950				-.2830	-.4570	-.5660	
.953			-.1790				

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A

AMES 11-707 IA9 C2A + S3 + T9 LOWER WING (RBML41)

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (1) = 1.100 BETAT (5) = 8.250

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.965	-.2080						

MACH (2) = 1.247 BETAT (1) = -8.160

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.0020	.0070	.4550	.8230	.7560	.7590	.6830
.050				.3050	.2900	.2330	.2320
.081			.4250				
.086		.0270					
.094	-.0160						
.150				.3720	.3100	.2290	.2740
.177			.3920				
.229	-.0090						
.246		.3540					
.250				.2580	.2300	.2940	.2640
.362	.0500						
.400				.2590	.2440		.2680
.402			.2320				
.497	.4490						
.550				.1320	.0190		
.565			.1320				
.600							-.0060
.650						-.0310	
.700	.1290				-.1020		
.725				-.0390			
.750						-.1320	-.1800
.760			-.1350				
.775				-.1410	-.1610		
.808			-.1780				
.834	-.1350						
.850				-.2740	-.2290	-.2680	
.857			-.3180				
.865	-.3290						
.900	-.4410			-.3500			-.2230
.905			-.4490				
.950				-.4210	-.3620	-.3240	
.953			-.4560				
.965	-.4230						

MACH (2) = 1.251 BETAT (2) = -4.060

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.1000	-.0630	.3430	.7450	.6830	.6870	.6140
.050				.2220	.2170	.1570	.1420
.081			.3380				
.086		-.0510					
.094	-.0750						

AMES 11-707 IA9 CEA + S3 + T9 LOWER WING

DEPENDENT VARIABLE CP

SECTION (1)LOWER WING

MACH (2) = 1.251 BETAT (2) = -4.060

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.150				.3060	.2620	.1510	.2120
.177			.3130				
.229	-.0650						
.246		.2150					
.250				.2010	.1570	.2250	.2150
.362	-.0310						
.400				.1880	.1970		.2270
.402			.1570				
.497	.3510						
.550				.0830	-.0200		
.565			.0620				-.0430
.600						-.0670	
.650					-.1410		
.700	.0350			-.1230			
.725						-.1670	-.2150
.750							
.760			-.1650				
.775				-.1500	-.2190		
.808			-.1970				
.834	-.1830						
.850				-.2670	-.2780	-.3010	
.857			-.3230				
.865	-.3590						
.900	-.4620			-.3410			-.2560
.905			-.4520				
.950				-.4160	-.3620	-.3810	
.953			-.4550				
.965	-.3090						

MACH (2) = 1.246 BETAT (3) = .020

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.2480	-.1380	.3210	.6470	.5740	.5920	.5210
.050				.1630	.1440	.0740	.0520
.081			.3040				
.086		-.1110					
.094	-.1140						
.150				.1970	.1890	.0700	.1160
.177			.2290				
.229	-.1100						
.246		.2380					
.250				.1300	.0490	.1230	.1250
.362	.1380						
.400				.0600	.0920		.1580
.402			.0240				
.497	.2290						

AMES 11-707 IA9 C2A + S3 + T9 LOWER WING (RBML41)

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (2) = 1.246 BETAT (3) = .020

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.550				-.0140	-.1010		
.565			-.0330				
.600							-.1010
.650						-.1280	
.700	-.0880				-.1870		
.725				-.1970			
.750						-.2060	-.2670
.760			-.2480				
.775				-.2340	-.2680		
.808			-.2640				
.834	-.2560						
.850				-.3150	-.3400	-.3370	
.857			-.3780				
.865	-.4190						
.900	-.4390			-.3650			-.2980
.905			-.4860				
.950				-.4420	-.3830	-.4260	
.953			-.4120				
.965	-.2850						

MACH (2) = 1.247 BETAT (4) = 4.110

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.4020	-.1620	.2880	.5830	.4900	.4970	.4780
.050				.0910	.0090	-.0420	-.0250
.081			.2380				
.086		-.1350					
.094	-.1700						
.150				.0700	.0950	.0020	.0890
.177			.1430				
.229	-.1680						
.246		.1900					
.250				.1060	-.0590	.1430	.1280
.362	.1470						
.400				.0210	.0810		.1420
.402			-.0170				
.497	.0450						
.550				-.0350	-.0660		
.565			-.0820				
.600							-.0990
.650						-.1110	
.700	-.1190				-.1960		
.725				-.1490			
.750						-.2100	-.2600
.760			-.2420				
.775				-.2030	-.2710		

DATE 25 SEP 73 TABULATED PRESSURE DATA - IA9A

AMES 11-707 IA9 CBA + S3 + T9 LOWER WING (KBWL41)

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (2) = 1.247 BETAT (4) = 4.110

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.808			-.2640				
.834	-.2850			-.3280	-.2940	-.3510	
.850							
.857			-.3690				
.865	-.2730			-.3920			-.3090
.900	-.1950		-.4600				
.905				-.4600	-.4000	-.4140	
.950			-.2890				
.953							
.965	-.2000						

MACH (2) = 1.246 BETAT (5) = 8.200

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.4530	-.1880	.1780	.5160	.4410	.4300	.3790
.050				.1090	.0440	-.0420	-.0670
.081			.2390				
.086		.0630					
.094	-.2390			.1400	.0700	-.0500	.0050
.150			.1750				
.177							
.229	-.1080						
.246		.1450		-.0090	-.0720	.0160	.0400
.250							
.382	.0970			-.0280	.0070		.0870
.400							
.402			-.0420				
.497	.1020			-.0910	-.1480		
.550							
.565			-.1260				-.1520
.600						-.1730	
.650					-.2500		
.700	-.1420			-.2610			
.725						-.2580	-.3150
.750							
.760			-.3500				
.775				-.3280	-.3130		
.808			-.3180				
.834	-.2080			-.4180	-.3680	-.3760	
.850							
.857			-.3070				
.865	-.2190			-.4300			-.3470
.900	-.1990						
.905			-.2800				
.950				-.4080	-.4480	-.4510	
.953			-.1940				

DATE 25 SEP 73 TABULATED PRESSURE DATA - IA9A

AMES 11-707 IA9 O2A + S3 + T9 LOWER WING (RBML41)

SECTION : 1)LOWER WING DEPENDENT VARIABLE CP

MACH (2) = 1.246 BETAT (5) = 8.200

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.965	-.1720						

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A

AMES 11-707 IA9 C2A + S3 + T9 LOWER WING (RBML42) (27 APR 73)

REFERENCE DATA

SREF = 2.4210 SQ.FT. XMRP = 28.5300 INCHES
LREF = 39.8490 INCHES YMRP = .0000 INCHES
BREF = 39.8490 INCHES ZMRP = .0000 INCHES
SCALE = .0300 SCALE

PARAMETRIC DATA

ALPHAT = 4.000 ORBINC = .500
RUDDER = -5.000 ELEVON = .000
RUDFLR = .000

SECTION (1)LOWER WING

DEPENDENT VARIABLE CP

MACH (1) = 1.101 BETAT (1) = -8.190

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.1380	-.0860	.4260	.6750	.6020	.5990	.3750
.050				.4820	.4810	.4480	.4860
.081			.5350				
.086		.1790					
.094	-.0230						
.150				.4320	.4420	.3770	.3700
.177			.4350				
.229	.1080						
.246		.4580					
.250				.3340	.3530	.3610	.3170
.362	.4160						
.400				.3150	.2860		.2370
.402			.2830				
.497	.4170						
.550				.1380	-.0120		
.565			.1470				
.600							-.0150
.650						-.0450	
.700	.1910				-.1540		
.725				-.1460			
.750						-.1720	-.2170
.760			-.3090				
.775				-.2660	-.2370		
.788			-.3080				
.834	-.2940						
.850				-.4100	-.3340	-.3350	
.857			-.4670				
.865	-.5110						
.900	-.6260			-.4810			-.2390
.906			-.6000				
.950				-.5460	-.4730	-.4350	
.953			-.2190				
.963	-.1780						

MACH (1) = 1.102 BETAT (2) = -4.090

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.2600	-.1760	.3580	.6300	.5570	.5510	.3270
.050				.3810	.3750	.3540	.4190
.081			.4590				
.086		.1090					
.094	-.0780						

DATE 29 SEP 73 TABULATED PRESSURE DATA - IA9A

AMES 11-707 IA9 C2A + S3 + T9 LOWER WING (RBML42)

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (1) = 1.152 BETAT (2) = -4.090

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.150				.3420	.3500	.3000	.3040
.177			.3460				
.229	.0460						
.246		.3600					
.250				.2360	.2720	.2990	.2590
.362	.3270						
.400				.2450	.2230		.1850
.402			.1860				
.497	.3280						
.550				.0910	-.0560		
.565			.0830				-.0810
.600						-.0850	
.650					-.1900		
.700	.1160			-.1870			
.725						-.2080	-.2550
.750							
.760			-.3400				
.775				-.3020	-.2740		
.808			-.3460				
.834	-.3300						
.850				-.4340	-.3660	-.3690	
.857			-.5000				
.865	-.5350						
.900	-.3960			-.5110			-.2650
.905			-.2000				
.950				-.2170	-.5000	-.4660	
.953			-.1710				
.965	-.1200						

MACH (1) = 1.098 BETAT (3) = .020

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.040	-.4840	-.3370	.2760	.5360	.4710	.4840	.2810
.050				.2660	.2700	.2760	.3560
.081			.3630				
.086		.0730					
.094	-.1430						
.150				.2350	.2450	.2370	.2510
.177			.2340				
.229	.0910						
.246		.2600					
.250				.1240	.1990	.2420	.2140
.362	.2190						
.400				.1830	.1630		.1460
.402			.0910				
.497	.1790						

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A

AMES 11-7ft IA9 O2A + S3 + T9 LOWER WING (RBML42)

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (1) = 1.098 BETAT (3) = .020

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.550				.0280	-.0870		
.565			.0000				-.1290
.600						-.1220	
.650					-.2210		
.700	.0120			-.2350			
.725						-.2430	-.2830
.750							
.760			-.3980				
.775				-.3460	-.3090		
.808			-.3980				
.834	-.3990						
.850				-.4800	-.3990	-.4050	
.857			-.5350				
.865	-.3000						
.900	-.2600			-.2130			-.2980
.905			-.1580				
.950				-.1260	-.5280	-.4990	
.953			-.1260				
.965	-.0790						

MACH (1) = 1.099 BETAT (4) = 4.140

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.5990	-.2380	.1540	.4400	.4100	.4060	.2050
.050				.2220	.2330	.2320	.3150
.081			.2680				
.086		.0570					
.094	-.2230						
.150				.1870	.2060	.1880	.2130
.177			.1660				
.229	.0710						
.246		.1740					
.250				.1050	.1630	.2060	.1780
.362	.1610						
.400				.1240	.1270		.1150
.402			.1640				
.497	.0590						
.550				-.0070	-.1140		
.565			-.0250				
.600							-.1500
.650						-.1470	
.700	-.0350				-.2500		
.725				-.2620			
.750						-.2680	-.3100
.760			-.4150				
.775				-.3740	-.3370		

DATE 20 SEP TABULATED PRESSURE DATA - IA9A

AMES 11-707 IA9 C2A + S3 + T9 LOWER WING (RBML42)

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (1) = 1.099 BETAT (4) = 4.140

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.808			-.4120				
.834	-.3480						
.850				-.5010	-.4250	-.4280	
.857			-.4690				
.865	-.2810						
.900	-.2340			-.2280			-.3480
.905			-.2000				
.950				-.1310	-.2910	-.5230	
.953			-.0960				
.965	-.1160						

MACH (1) = 1.100 BETAT (5) = 8.260

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.6270	-.1640	.0420	.3520	.2550	.3050	.1230
.050				.2120	.2040	.2240	.2960
.081			.3020				
.086		.0770					
.094	-.3050						
.150				.1700	.1870	.1740	.1900
.177			.1970				
.229	.0600						
.246		.1900					
.250				.0760	.1480	.1770	.1450
.362	.1440						
.400				.1080	.0990		.1180
.402			.0010				
.497	.1070						
.550				-.0410	-.1320		
.565			-.0760				
.600							-.1580
.650						-.1650	
.700	-.1440				-.2590		
.725				-.2740			
.750						-.2730	-.3260
.760			-.3350				
.775				-.3460	-.3380		
.800			-.2480				
.834	-.1950						
.850				-.3970	-.4210	-.4260	
.857			-.2730				
.865	-.2020						
.900	-.1920			-.3930			-.3580
.905			-.2480				
.950				-.2790	-.2350	-.4940	
.953			-.1520				

DATE 23 SEP 73 TABULATED PRESSURE DATA - IA9A (RBML42)

AMES 11-7D7 IA9 C2A + S3 + T9 LOWER WING

DEPENDENT VARIABLE CP

SECTION (1)LOWER WING

MACH (1) = 1.100 BETAT (5) = 8.260

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.965	-.1810						

MACH (2) = 1.245 BETAT (1) = -8.140

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.0840	-.0340	.4970	.7810	.7010	.7030	.5160
.050				.4840	.4860	.4550	.5150
.081			.5540				
.086		.0890					
.094	.0720						
.150				.4580	.4650	.4060	.4210
.177			.4590				
.229	.0610						
.246		.4610					
.250				.3590	.3450	.4180	.3850
.362	.4030						
.400				.3790	.3500		.3210
.402			.3130				
.497	.4570						
.550				.2390	.0820		
.565			.2310				.0690
.600						.0540	
.650					-.0360		
.700	.2690			-.0130			
.725						-.0600	-.1050
.750							
.760			-.1350				
.775				-.1190	-.1140		
.808			-.1660				
.834	-.1280						
.850				-.2530	-.2000	-.2070	
.857			-.2960				
.865	-.3300						
.900	-.4390			-.3240			-.1310
.905			-.4360				
.950				-.3910	-.3330	-.2970	
.953			-.4260				
.965	-.3870						

MACH (2) = 1.246 BETAT (2) = -4.060

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.2120	-.1830	.3820	.7060	.6310	.6310	.4540
.050				.4010	.3960	.3590	.4480
.081			.4820				
.086		.0140					
.094	.0830						

AMES 11-707 IA9 C2A + S3 + T9 LOWER WING (RBML42)

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (2) = 1.246 BETAT (2) = -4.060

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.150				.3780	.3560	.3250	.3500
.177			.3820				
.229	-.0190						
.246		.3750					
.250				.2680	.2310	.3470	.3330
.362	.1710						
.400				.2700	.2870		.2770
.402			.2010				
.497	.3690						
.550				.1580	.0420		
.565			.1260				
.600							.0270
.650						.070	
.700	.0720				-.0810		
.725				-.0290			
.750						-.0960	-.1460
.760			-.1530				
.775				-.1390	-.1420		
.808			-.1900				
.834	-.1570						
.850				-.2720	-.2110	-.2400	
.857			-.3180				
.865	-.3460						
.900	-.4550			-.3400			-.1640
.905			-.4480				
.950				-.4070	-.3430	-.3080	
.955			-.4460				
.965	-.2880						

MACH (2) = 1.249 BETAT (3) = .020

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.3570	-.3190	.2840	.5820	.5390	.5430	.3890
.050				.3250	.3210	.2730	.3620
.081			.3920				
.096		-.0530					
.104	-.0690						
.150				.2880	.2740	.2210	.2820
.177			.2870				
.229	-.0680						
.246		.2620					
.250				.1670	.1340	.2550	.2610
.362	.1960						
.400				.1260	.1970		.2230
.402			.0660				
.497	.2260						

AMES 11-707 1A9 02A + S3 + T9 LOWER WING

SECTION (1)LOWER WING

DEPENDENT VARIABLE CP

MACH (2) = 1.249 BETAT (3) = .020

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.550				.0840	.0000		
.565			.0360				-.0060
.600						-.0160	
.650					-.0670		
.700	-.0140			-.0740			
.725						-.1060	-.1640
.750							
.760			-.2040				
.775				-.1830	-.1600		
.800			-.2420				
.834	-.2360						
.850				-.3100	-.2540	-.2480	
.857			-.3660				
.865	-.3940						-.2200
.900	-.4190			-.3790			
.905			-.4870				
.950				-.4370	-.3790	-.3450	
.953			-.4570				
.965	-.2440						

MACH (2) = 1.247 BETAT (4) = 4.110

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.4350	-.3150	.1600	.5080	.4520	.4900	.3570
.050				.2180	.2260	.2610	.3640
.081			.2850				
.086		-.0920					
.084	- *220						
.150				.1660	.1960	.2330	.2870
.177			.1700				
.229	-.1210						
.246		.2060					
.250				.0970	.1640	.2970	.2750
.362	.1700						
.400				.1730	.2340		.2090
.402			.0650				
.497	.0410						
.550				.0900	-.0210		
.565			.0330				-.0340
.600						-.0490	
.650					-.1190		
.700	-.0330			-.1170			
.725						-.1430	-.1950
.750							
.760			-.2300				
.775				-.2110	-.1970		

AMES 11-707 IA9 O2A + S3 + T9 LOWER WING (RBML42)

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (2) = 1.247 BETAT (4) = 4.110

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.808			-.2540				
.834	-.2370						
.850				-.3200	-.2760	-.2770	
.857			-.3750				
.865	-.3370						
.900	-.2170			-.3810			-.2290
.905			-.4790				
.950				-.4400	-.3940	-.3680	
.953			-.2140				
.965	-.1990						

MACH (2) = 1.246 BETAT (5) = 8.210

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.4710	-.2640	.0420	.4090	.3370	.3820	.2365
.050				.2450	.1930	.1450	.2710
.081			.2880				
.086		.0690					
.094	-.1920						
.150				.1590	.1750	.1410	.1930
.177			.2200				
.229	-.0160						
.246		.1700					
.250				.0760	.0960	.1860	.1680
.362	.1300						
.400				.0950	.1110		.1620
.402			.0260				
.497	.1370						
.550				.0030	-.0690		
.565			-.0450				
.600							-.0840
.650						-.0970	
.700	-.0730				-.1780		
.725				-.1790			
.750						-.1930	-.2480
.760			-.2860				
.775				-.2730	-.2490		
.808			-.2810				
.834	-.1810						
.850				-.3800	-.3150	-.3240	
.857			-.3150				
.865	-.2020						
.900	-.1900			-.4210			-.2830
.905			-.3110				
.950				-.4320	-.4270	-.4040	
.953			-.2230				

AMES 11-707 IA9 C2A + S3 + T9 LOWER WING (RBML42)

SECTION (1)LOWER WING

DEPENDENT VARIABLE CP

MACH (2) = 1.246 BETAT (5) = 8.210

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.965	-.1650						

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A

AMES 11-707 IA9 C2A + S3 + T9 LOWER WING (RbML43) (27 APR 73)

REFERENCE DATA

SREF = 2.4210 SQ.FT. XMRP = 28.5300 INCHES
LREF = 39.8490 INCHES YMRP = .0000 INCHES
BREF = 39.8490 INCHES ZMRP = .0000 INCHES
SCALE = .0300 SCALE

PARAMETRIC DATA

ALPHAT = 8.000 ORBINC = .500
RUDDER = -5.000 ELEVON = .000
RUDFLR = .000

SECTION (1)LOWER WING

DEPENDENT VARIABLE CP

MACH (1) = 1.101 BETAT (1) = -8.160

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.2210	-.2560	.2690	.6080	.5100	.4580	.1430
.050				.6060	.6270	.6030	.6310
.081			.6150				
.086		.2340					
.094	.0710						
.150				.5120	.5490	.4920	.4780
.177			.4850				
.229	.1930						
.246		.4800					
.250				.3970	.4360	.4480	.4020
.362	.4370						
.400				.3450	.3470		.3100
.402			.3100				
.497	.4200						
.550				.1500	.0320		
.565			.1480				
.600							.0560
.650						.0120	
.700	.1960				-.1270		
.725				-.1330			
.750						-.1170	-.1550
.760			-.2960				
.775				-.2430	-.2030		
.808			-.2950				
.834	-.2900						
.850				-.3860	-.3030	-.2870	
.857			-.4480				
.865	-.4570						
.900	-.6130			-.4730			-.1780
.905			-.6020				
.950				-.5260	-.4450	-.3920	
.953			-.2120				
.965	-.1860						

MACH (1) = 1.097 BETAT (2) = -4.070

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.4130	-.4610	.2040	.5450	.4640	.4190	.0910
.050				.5260	.5570	.5370	.5830
.081			.5430				
.086		.1270					
.094	.0050						

DATE 20 SEP 73 TABULATED PRESSURE DATA - 1A9A

AMES 11-707 1A9 C2A + S3 + T9 LOWER WING (RBML43)

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (1) = 1.097 BETAT (2) = -4.070

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.150				.4400	.4800	.4420	.4310
.177			.4150				
.229	.1250						
.246		.4040					
.250				.3270	.3800	.4060	.3610
.362	.3530						
.400				.2990	.3030		.2730
.402			.2470				
.497	.3440						
.550				.1170	-.0080		
.565			.1070				
.600							.0120
.650						-.0160	
.700	.1380				-.1510		
.725				-.1650			
.750						-.1460	-.1800
.760			-.3290				
.775				-.2750	-.2320		
.808			-.3250				
.834	-.3250						
.850				-.4160	-.3280	-.3140	
.857			-.4780				
.865	-.5290						
.900	-.3330			-.4990			-.2100
.905			-.5520				
.950				-.3200	-.4670	-.4180	
.953			-.1950				
.965	-.0960						

MACH (1) = 1.101 BETAT (3) = .010

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.144	-.5970	-.5240	.1220	.4790	.4170	.3840	.4470
.150				.4020	.4640	.4540	.5250
.181			.4410				
.186		.0680					
.194	-.0370						
.150				.3350	.3960	.3810	.3810
.177			.3020				
.229	.0730						
.246		.2970					
.250				.2300	.3090	.3540	.3150
.362	.2470						
.410				.2290	.2490		.2360
.402			.1650				
.497	.2090						

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A

AMES 11-707 IA9 C2A + S3 + T9 LOWER WING (RBML43)

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (1) = 1.101 BETAT (3) = .010

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.550				.0650	-.0480		
.565			.0370				
.600							-.0350
.650						-.0560	
.700	.0460				-.1890		
.725				-.2130			
.750						-.1830	-.2160
.760			-.3820				
.775				-.3210	-.2760		
.808			-.3740				
.834	-.3850						
.850				-.4510	-.3650	-.3530	
.857			-.5190				
.865	-.2740						
.900	-.2190			-.5300			-.2500
.905			-.2550				
.950				-.1520	-.4970	-.4540	
.953			-.1420				
.965	-.0710						

MACH (1) = 1.099 BETAT (4) = 4.150

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.6000	-.3910	.0020	.4010	.3580	.3380	.0080
.050				.3300	.3940	.3990	.4770
.081			.3220				
.086		.0340					
.094	-.1480						
.150				.2630	.3300	.3340	.3360
.177			.2310				
.229	.0390						
.246		.1940					
.250				.1810	.2570	.3080	.2760
.362	.1480						
.400				.1690	.1980		.2080
.402			.1120				
.497	.1150						
.550				.0200	-.0860		
.565			.0030				
.600							-.0690
.650						-.0920	
.700	-.0060				-.2260		
.725				-.2480			
.750						-.2190	-.2510
.760			-.4090				
.775				-.3620	-.3110		

AMES 11-707 IA9 OEA + 83 + 79 LOWER WING

SECTION (1)LOWER WING

DEPENDENT VARIABLE CP

MACH (1) = 1.099 BETAT (4) = 4.150

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.808			-.4000				
.834	-.3300						
.850				-.4810	-.3990	-.3900	
.857			-.3670				
.865	-.2430						
.900	-.1880			-.5450			-.2870
.905			-.2970				
.950				-.1860	-.5280	-.4860	
.953			-.1090				
.965	-.1280						

MACH (1) = 1.088 BETAT (5) = 8.300

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.0880	-.2450	-.1300	.1520	.1750	.2320	-.0730
.050				.2700	.3990	.3390	.4340
.081			.3180				
.086		-.0010					
.094	-.2420						
.150				.2110	.2640	.2670	.2950
.177			.2140				
.229	.0510						
.246		.1600					
.250				.1160	.2010	.2490	.2390
.362	.1000						
.400				.1160	.1410		.2170
.402			.0290				
.497	.0720						
.550				-.0370	-.1180		
.565			-.0840				
.600							-.0950
.650						-.1270	
.700	-.1480				-.2540		
.725				-.2860			
.750						-.2460	-.2800
.760			-.3410				
.775				-.3380	-.3290		
.808			-.2470				
.834	-.1990						
.850				-.3790	-.4040	-.4090	
.857			-.2590				
.865	-.2060						
.900	-.1940			-.3860			-.3110
.905			-.2530				
.950				-.2540	-.4840	-.4950	
.953			-.1490				

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A

AMES 11-7D7 IA9 C2A + S3 + T9 LOWER WING (RBML43)

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (1) = 1.099 BETAT (5) = 8.300

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.965	-.1620						

MACH (2) = 1.245 BETAT (1) = -8.110

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.1190	-.1530	.3940	.7210	.6350	.6030	.3200
.050				.6080	.6990	.6210	.6790
.081			.6320				
.086		.1780					
.094	.1490			.5390	.5790	.5470	.5410
.150							
.177			.5190				
.229	.1510						
.246		.4950		.4320	.4990	.5170	.4800
.250							
.362	.4360			.4190	.4190		.4030
.400							
.402			.3740				
.497	.4590			.2610	.1230		
.550							.1350
.565			.2550			.1170	
.600					-.0110		
.650				.0030			
.700	.2910					-.0030	-.0350
.725							
.750			-.1160				
.760				-.0970	-.0680		
.775			-.1400				
.808							
.834	-.1260			-.2350	-.1650	-.1570	
.850							
.857			-.2790				
.865	-.3150			-.3030			-.0620
.900	-.4170						
.905			-.4140				
.950				-.3610	-.2930	-.2530	
.953			-.4100				
.965	-.3680						

MACH (2) = 1.249 BETAT (2) = -4.040

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.3010	-.3270	.2390	.6290	.5570	.5340	.2370
.050				.5340	.5690	.5580	.6310
.081			.5620				
.086		.0620					
.094	.0470						

DATE 2) SEP 73 TABULATED PRESSURE DATA (RBML43)

AMES 11-707 IA9 O2A + S3 + T9 LOWER WING

SECTION (1)LOWER WING

DEPENDENT VARIABLE CP

MACH (2) = 1.249 BETAT (2) = -4.040

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.150				.4680	.4990	.5020	.4950
.177			.4460				
.229	.0600						
.246		.4040					
.250				.3560	.3720	.4800	.4410
.362	.3400						
.400				.3750	.3750		.3710
.402			.3070				
.497	.3820						
.550				.2250	.0950		
.565			.2020				
.600							.0990
.650						.0940	
.700	.2210				-.0300		
.725				-.0250			
.750						-.0270	-.0650
.760			-.1560				
.775				-.1270	-.0950		
.800			-.1780				
.834	-.1720						
.850				-.2590	-.1870	-.1820	
.857			-.3100				
.865	-.3520						
.900	-.4260			-.3270			-.1080
.905			-.4390				
.950				-.3850	-.3170	-.2750	
.953			-.4370				
.965	-.2440						

MACH (2) = 1.246 BETAT (3) = .020

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.4150	-.3900	.0520	.5140	.4770	.4690	.1960
.050				.4470	.4790	.4660	.5670
.081			.4760				
.086		.0280					
.094	-.0210						
.150				.3760	.4030	.4330	.4360
.177			.3390				
.229	.1680						
.246		.2080					
.250				.2460	.3440	.4240	.3880
.362	.2130						
.400				.3150	.3190		.3250
.402			.1780				
.497	.2420						

DATE 26 SEP 73 TABULATED PRESSURE DATA - IA9A

AMES 11-7ft IA9 C2A + S3 + T9 LOWER WING (RBML43)

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (2) = 1.246 BETAT (3) = .020

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.550				.1490	.0550		
.565			.1140				.0580
.600						.0410	
.650					-.0710		
.700	.1200			-.0790			
.725						-.0700	-.1080
.750							
.760			-.2190				
.775				-.1760	-.1490		
.808			-.2450				
.834	-.2430						
.850				-.2940	-.2300	-.2210	
.857			-.3510				
.865	-.4070						
.900	-.2150			-.3630			-.1650
.905			-.4740				
.950				-.4180	-.3550	-.3140	
.953			-.4260				
.965	-.1940						

MACH (2) = 1.245 BETAT (4) = 4.130

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.4360	-.3970	-.0140	.4200	.4040	.4380	.1620
.050				.3200	.4020	.4330	.5310
.081			.3160				
.086		.0310					
.094	-.0950						
.150				.2750	.3580	.3950	.3980
.177			.2100				
.229	-.0610						
.246		.1910					
.250				.1770	.2520	.3850	.3540
.362	.1530						
.400				.2220	.2620		.2920
.402			.1360				
.497	.0650						
.550				.0970	.0110		
.565			.0720				
.600							.0350
.650						.1480	
.700	.0660				-.1060		
.725				-.1310			
.750						-.0990	-.1360
.760			-.2420				
.775				-.2230	-.1890		

DATE 20 SEP 73 TABULATED PRESSURE DATA - 1A9A

AMES 11-707 1A9 C2A + S3 + T9 LOWER WING (RBML43)

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (2) = 1.245 BETAT (4) = 4.130

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.808			-.2610				
.834	-.2400						
.850				-.3350	-.2680	-.2520	
.857			-.3680				
.865	-.2240						
.900	-.1550			-.3960			-.1850
.905			-.2910				
.950				-.4380	-.3850	-.3470	
.953			-.2010				
.965	-.1750						

MACH (2) = 1.246 BETAT (5) = 8.250

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.4800	-.3750	-.1080	.2580	.2860	.3120	.0790
.050				.2850	.3180	.3080	.4320
.081			.2970				
.086		-.0080					
.094	-.1730						
.150				.2380	.2550	.2630	.3190
.177			.2410				
.229	.0690						
.246		.1380					
.250				.1270	.1520	.2860	.2840
.362	.0780						
.400				.1220	.1860		.2480
.402			.0210				
.497	.1550						
.550				.0340	-.0440		
.565			-.0120				
.600							-.0160
.650						-.0540	
.700	-.0950				-.1610		
.725				-.1940			
.750						-.1560	-.1830
.760			-.2980				
.775				-.2800	-.2350		
.808			-.2460				
.834	-.1760						
.850				-.3580	-.3080	-.2920	
.857			-.2580				
.865	-.1770						
.900	-.1680			-.3590			-.2190
.905			-.2620				
.950				-.3590	-.4140	-.3790	
.953			-.1780				

DATE 25 SEP 73 TABULATED PRESSURE DATA - IA9A

AMES 11-7D7 IA9 O2A + S3 + T9 LOWER WING (RBML43)

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (2) = 1.246 BETAT (5) = 8.250

Y/BW	.299	.364	.427	.534	.573	.780	.887
X/CW							
.965	-.1540						

AMES 11-707 IA9 C2A + S3 + T9 LOWER WING (RBML44) (27 APR 73)

REFERENCE DATA

SREF = 2.4210 SQ.FT. XMRP = 28.5300 INCHES
LREF = 39.8490 INCHES YMRP = .0000 INCHES
BREF = 39.8490 INCHES ZMRP = .0000 INCHES
SCALE = .0300 SCALE

PARAMETRIC DATA

BETAT = .000 ORBINC = -1.200
RUDDER = .000 ELEVON = .000
RUDFLR = .000

SECTION (1)LOWER WING

DEPENDENT VARIABLE CP

MACH (1) = .600 ALPHAT(1) = -8.050

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.1640	-.3860	-.0600	-.1960	-.2090	-.5230	-.4630
.050				-.7380	-.9800	-1.1630	-.8350
.081			-.3830				
.086		-.2510					
.094	-.1050						
.150				-.4090	-.6430	-.6340	-.7790
.177			-.3700				
.229	-.0590						
.246		-.1910					
.250				-.3990	-.4540	-.4560	-.6450
.362	-.0690						
.400				-.3010	-.3100		-.3290
.402			-.3590				
.497	-.2350						
.550				-.3610	-.4200		
.565			-.3720				
.600							-.3070
.650						-.2960	
.700	-.3420				-.3460		
.725				-.3130			
.750						-.2550	-.2819
.760			-.3580				
.775				-.2470	-.2660		
.808			-.2010				
.834	-.2300						
.850				-.1830	-.1740	-.1719	
.857			-.1620				
.865	-.1990						
.900	-.1510			-.0830			-.0719
.905			-.0840				
.950				.0290	.0650	-.0680	
.953			.0110				
.965	-.0800						

MACH (1) = .600 ALPHAT(2) = -5.990

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.1060	-.2500	-.0690	.0450	-.0570	-.2340	-.1790
.050				-.5910	-.7680	-.8620	-.7270
.081			-.3000				
.086		-.0990					
.094	-.0850						

AMES 11-7ft IA9 C2A + S3 + T9 LOWER WING (RBML44)

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (1) = .600 ALPHAT(2) = -5.990

Y/BW / X/CW	.299	.364	.427	.534	.673	.780	.887
.150				-.3340	-.4030	-.4750	-.5190
.177			-.2870				
.229	-.0360						
.246		-.1520					
.250				-.3410	-.3320	-.3060	-.4220
.362	-.0390						
.400				-.2600	-.2680		-.2490
.402			-.2950				
.497	-.2010						
.550				-.3330	-.3900		
.565			-.3630				
.600							-.2780
.650						-.2850	
.700	-.3310				-.3320		
.725				-.3040			
.750						-.2510	-.2640
.760			-.3560				
.775				-.2500	-.2620		
.808			-.2040				
.834	-.2350						
.850				-.1930	-.1770	-.1650	
.857			-.1720				
.865	-.1940						
.900	-.1360			-.0880			-.0490
.905			-.0920				
.950				.0290	.0150	.0210	
.953			.0130				
.965	-.0390						

MACH (1) = .598 ALPHAT(3) = -3.990

Y/BW / X/CW	.299	.364	.427	.534	.673	.780	.887
.000	-.0680	-.1260	.1760	.2380	.1670	.0730	.0890
.050				-.4600	-.5670	-.6340	-.6230
.081			-.2220				
.086		-.0490					
.094	-.0670						
.150				-.2610	-.2880	-.4660	-.3290
.177			-.2270				
.229	-.0230						
.246		-.1050					
.250				-.2890	-.2570	-.2310	-.2310
.362	-.0230						
.400				-.2240	-.2380		-.1760
.402			-.2620				
.497	-.1660						

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (1) = .598 ALPHAT(3) = -3.990

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.550				-.3140	-.3620		
.565			-.3290				-.2640
.600						-.2740	
.650					-.3160		
.700	-.3110			-.3020			
.725						-.2420	-.2510
.750							
.760			-.3220				
.775				-.2500	-.2520		
.800			-.2100				
.834	-.2260						
.850				-.2000	-.1700	-.1670	
.857			-.1730				
.865	-.1800						
.900	-.1130			-.1020			-.0540
.905			-.0830				
.950				.0190	.0290	.0200	
.953			.0100				
.965	-.0380						

MACH (1) = .599 ALPHAT(4) = -1.970

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.0520	-.0470	.2480	.3790	.3410	.3020	.3160
.050				-.3110	-.3960	-.4270	-.5140
.081			-.1240				
.086		-.0350					
.094	-.0450						
.150				-.1820	-.1880	-.3180	-.1970
.177			-.1640				
.229	-.0100						
.246		-.0600					
.250				-.2230	-.1880	-.1710	-.1610
.362	-.0040						
.400				-.1890	-.1920		-.1390
.402			-.2290				
.497	-.1330						
.550				-.2890	-.3320		
.565			-.3000				
.600							-.2430
.650						-.2560	
.700	-.2870				-.3050		
.725				-.2930			
.750						-.2380	-.2440
.760			-.3200				
.775				-.2430	-.2540		

SECTION (1)LOWER WING DEPENDENT VARIABLE C_P

MACH (1) = .599 ALPHAT(4) = -1.970

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.808			-.2060				
.834	-.2120						
.850				-.1950	-.1710	-.1660	
.857			-.1660				
.865	-.1690						
.900	-.1180			-.1020			-.0630
.905			-.0970				
.950				.0240	.0300	.0220	
.953			.0090				
.965	-.0360						

MACH (1) = .600 ALPHAT(5) = .060

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.0600	-.0080	.2790	.4600	.4270	.4250	.3960
.050				-.2380	-.2150	-.1890	-.2760
.081			-.0400				
.086		-.0080					
.094	-.0360						
.150				-.1180	-.1020	-.2430	-.1100
.177			-.1100				
.229	.0030						
.246		-.0190					
.250				-.1690	-.1300	-.1060	-.0980
.362	.0280						
.400				-.1490	-.1560		-.1020
.402			-.1950				
.497	-.0980						
.550				-.2590	-.3120		
.565			-.2810				
.600							-.2310
.650						-.2420	
.700	-.2670				-.2980		
.725				-.2810			
.750						-.2340	-.2440
.760			-.3060				
.775				-.2420	-.2530		
.808			-.2010				
.834	-.2030						
.850				-.1970	-.1740	-.1680	
.857			-.1740				
.865	-.1710						
.900	-.1120			-.1030			-.0660
.905			-.1070				
.950				.0110	.0210	.0190	
.953			-.0026				

SECTION (1)LOWER WING

DEPENDENT VARIABLE C

MACH (1) = .600 ALPHAT(5) = .060

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.965	-.0340						

MACH (1) = .600 ALPHAT(6) = 2.070

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.0630	.0020	.2750	.4690	.4400	.4450	.3230
.050				-.1090	-.0750	-.1140	-.0550
.081			.0210				
.086		.0060					
.094	-.0160			-.0450	-.0180	-.1460	-.0300
.150			-.0490				
.177							
.229	.0140						
.246		.0150		-.1210	-.0690	-.0480	-.0430
.250							
.362	.0470			-.1140	-.1100		-.0480
.400			-.1620				
.402							
.497	-.0650			-.2340	-.2860		
.550			-.2610				
.565							-.2080
.600						-.2180	
.650					-.2810		
.700	-.2530			-.2720			
.725						-.2190	-.2360
.750							
.760			-.3090				
.775				-.2350	-.2410		
.808			-.1950				
.834	-.1990						
.850				-.1950	-.1730	-.1730	
.857			-.1730				
.865	-.1640						
.900	-.1140			-.1120			-.0620
.905			-.1140				
.950				.0110	.0170	.0100	
.953			-.0760				
.965	-.0390						

MACH (1) = .600 ALPHAT(7) = 4.010

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.1370	-.0340	.2340	.4500	.3860	.3510	.1820
.050				-.1020	.0520	-.1020	.1140
.081			.1070				
.086		.0290					
.094	-.0650						

AMES 11-707 1A9 C2A + S3 + T9 LOWER WING

SECTION (1)LOWER WING

DEPENDENT VARIABLE CP

MACH (1) = .600 ALPHAT(7) = 4.010

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.150				.0070	.0540	-.0560	.0370
.177			.0030				
.229	.0280						
.246		.0570					
.250				-.0670	-.0130	.0140	.0090
.362	.0730						
.400				-.0800	-.0640		-.0070
.402			-.1370				
.497	-.0370						
.550				-.2060	-.2660		
.565			-.2410				
.600							-.1620
.650						-.1970	
.700	-.2440				-.2670		
.725				-.2590			
.750						-.2080	-.2380
.760			-.3090				
.775				-.2520	-.2340		
.808			-.1920				
.834	-.1970						
.850				-.1900	-.1730	-.1690	
.857			-.1780				
.865	-.1610						
.900	-.1060			-.1060			-.0560
.905			-.1130				
.950				.0150	.0140	.0070	
.953			-.0090				
.965	-.0290						

MACH (1) = .598 ALPHAT(8) = 6.040

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.2080	-.1220	.1590	.3610	.2280	.1370	-.3030
.050				.1040	.1360	.1470	.2410
.081			.1680				
.086		.0400					
.094	.0180						
.150				.0700	.1390	.0190	.1150
.177			.0520				
.229	.0430						
.246		.0930					
.250				-.0200	.0480	.0680	.0620
.362	.0910						
.400				-.0460	-.0180		.0110
.402			-.0950				
.497	-.0810						

SECTION (1)LOWER WING

DEPENDENT VARIABLE CP

MACH (1) = .598 ALPHAT(8) = 8.040

X/CW \ Y/BW	.299	.364	.427	.534	.673	.780	.887
.550				-.1770	-.2240		
.565			-.2160				
.600							-.1500
.650						-.1720	
.700	-.2180				-.2470		
.725				-.2420			
.750						-.1870	-.2110
.760			-.2980				
.775				-.2170	-.2140		
.808			-.1880				
.834	-.1920						
.850				-.1860	-.1640	-.1640	
.857			-.1690				
.865	-.1530						
.900	-.1080			-.1060			-.0480
.905			-.1150				
.950				.0120	.0110	.0010	
.953			-.0080				
.965	-.0820						

MACH (1) = .899 ALPHAT(9) = 8.080

X/CW \ Y/BW	.299	.364	.427	.534	.673	.780	.887
.000	-.2900	-.2080	.0850	.2550	.0440	-.1210	-.7890
.050				.1820	.2470	.2670	.3470
.081			.2160				
.088		.0560					
.094	.0290						
.150				.1290	.2200	.1170	.1810
.177			.1020				
.229	.0570						
.248		.1200					
.250				.0370	.1150	.1290	.1130
.362	.1090						
.412				-.0190	.0360		.0520
.432			-.0840				
.497	.0130						
.550				-.1530	-.1970		
.565			-.2160				
.600							-.1220
.650						-.1390	
.700	-.2190				-.2270		
.725				-.2270			
.750						-.1640	-.1970
.760			-.2770				
.775				-.2440	-.2040		

AMES 11-707 IA9 C2A + S3 + T9 LOWER WING (RBML44)

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (1) = .599 ALPHAT(9) = 8.020

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.808			-.1770				
.834	-.1770						
.850				-.1670	-.1550	-.1510	
.857			-.1460				
.865	-.1430						
.900	-.0750			-.0980			-.0550
.905			-.1080				
.950				.0130	.0030	-.0030	
.953			-.0150				
.965	.0030						

MACH (2) = .901 ALPHAT(1) = -8.070

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.0710	-.2660	.1510	.2060	.1120	-.0190	-.0820
.050				-.9670	-.9230	-1.3090	-1.1740
.081			-.1860				
.086		-.1410					
.094	-.0280						
.150				-.3260	-.9240	-.8350	-1.1610
.177			-.2420				
.229	.0360						
.246		-.0300					
.250				-.4000	-.5460	-.6560	-1.1160
.362	.0700						
.400				-.4110	-.3820		-.4700
.402			-.4320				
.497	-.1300						
.550				-.4520	-.5860		
.565			-.4590				
.600							-.3470
.650						-.4160	
.700	-.3780				-.6140		
.725				-.5330			
.750						-.2760	-.3120
.760			-.5040				
.775				-.2160	-.1850		
.808			-.2670				
.834	-.2870						
.850				-.1020	-.1110	-.1460	
.857			-.1580				
.865	-.2840						
.900	-.2040			-.0240			-.0660
.905			-.0790				
.950				.0220	.0590	-.0050	
.953			.0110				

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (2) = .901 ALPHAT(1) = -6.070

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.965	-.1080						

MACH (2) = .901 ALPHAT(2) = -6.030

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.0400	-.1560	.2220	.3050	.2100	.1150	.0570
.050				-.5230	-.7280	-1.2590	-1.0660
.081			-.1490				
.086		-.0230					
.094	-.0250						
.150				-.2640	-.6720	-.7090	-.9950
.177			-.2080				
.229	.0530						
.246		-.0150					
.250				-.3500	-.4830	-.4860	-.9300
.362	.0750						
.400				-.3640	-.3670		-.1470
.402			-.3950				
.497	-.1160						
.550				-.4250	-.5400		
.565			-.3970				
.600							-.2820
.650						-.4480	
.700	-.3480				-.5940		
.725				-.5960			
.750						-.2860	-.2580
.760			-.4060				
.775				-.2080	-.1980		
.808			-.2190				
.834	-.2860						
.850				-.1050	-.0980	-.1080	
.857			-.1540				
.865	-.2820						
.900	-.1090			-.0150			-.0190
.905			-.0710				
.950				.0420	.0750	.0710	
.953			.0220				
.965	-.0940						

MACH (2) = .899 ALPHAT(3) = -4.020

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.0170	-.0680	.2880	.4040	.3170	.2410	.1900
.050				-.3730	-.5660	-1.0910	-.7160
.081			-.0780				
.086		.0190					
.094	-.0060						

AMES 11-7D7 IA9 C2A + S3 + T9 LOWER WING (RBML44)

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (2) = .899 ALPHAT(3) = -4.020

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.150				-.1810	-.3860	-.5210	-.5120
.177			-.1420				
.229	.0490						
.246		.0200					
.250				-.3090	-.3680	-.2940	-.4470
.362	.0970						
.410				-.2490	-.2210		-.2220
.402			-.3250				
.491	-.0770						
.550				-.3180	-.4620		
.565			-.3080				
.600							-.4480
.650						-.5030	
.700	-.2620				-.6020		
.725				-.6100			
.750						-.5860	-.3440
.760			-.4650				
.775				-.3300	-.5170		
.806			-.2620				
.834	-.2750						
.850				-.1240	-.0890	-.0630	
.857			-.1410				
.865	-.2610						
.900	-.1740			-.0190			.0420
.905			-.0400				
.950				.0730	.0940	.1050	
.953			.0450				
.965	-.0650						

MACH (2) = .900 ALPHAT(4) = -1.890

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.0100	.0080	.3370	.4900	.4180	.3700	.3330
.050				-.2300	-.4070	-.7580	-.5420
.081			-.0070				
.086		.0370					
.094	.0020						
.150				-.1170	-.1950	-.3680	-.3040
.177			-.0820				
.229	.0510						
.246		.0500					
.250				-.2270	-.1740	-.1720	-.2020
.362	.1050						
.410				-.1350	-.1920		-.1900
.402			-.2040				
.497	-.0460						

AMES 11-707 1A9 C2A + S3 + T9 LOWER WING (RBML44)

SECTION (1)LOWER WING

DEPENDENT VARIABLE CP

MACH (2) = .900 ALPHAT(4) = -1.890

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.550				-.2947	-.4410		
.565			-.3010				-.4630
.600						-.4890	
.650					-.5970		
.700	-.2440			-.6020			
.725						-.5870	-.5470
.750							
.760			-.5370				
.775				-.3340	-.5440		
.808			-.2730				
.834	-.2720			-.1250	-.0870	-.0620	
.850							
.857			-.1470				
.865	-.2510			-.0210			.0240
.900	-.1480		-.0530				
.905				.0820	.1000	.1050	
.950			.0500				
.953							
.965	-.0410						

MACH (2) = .902 ALPHAT(5) = .010

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.0280	.0410	.3570	.5360	.4770	.4550	.4100
.050				-.1700	-.1850	-.2130	-.3810
.081			.0600				
.086		.0550					
.094	.0160			-.0520	-.0840	-.2510	-.1350
.150							
.177			-.0300				
.229	.0630						
.246		.0830		-.1490	-.1020	-.1040	-.1280
.250							
.362	.1220			-.0970	-.1420		-.1630
.400							
.402			-.1520				
.497	-.0100			-.2640	-.4160		
.550							
.565			-.2750				-.4620
.600						-.4640	
.650					-.5680		
.700	-.2220			-.5830			
.725						-.5680	-.5260
.750							
.760			-.5890				
.775				-.2910	-.4910		

AMES 11-707 IA9 O2A + S3 + T9 LOWER WING (RBM_44)

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (2) = .902 ALPHAT(5) = .010

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.808			-.2430				
.834	- 2660						
.850				-.1200	-.0780	-.0570	
.857			-.1380				
.865	-.2300						
.900	-.1340			-.0210			.0220
.905			-.0450				
.950				.0840	.0860	.1050	
.953			.0620				
.965	-.0270						

MACH (2) = .902 ALPHAT(6) = 1.990

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.0710	.0370	.3480	.5500	.4950	.4880	.3920
.050				-.0560	-.0420	-.1210	-.0920
.081			.1240				
.086		.0620					
.094	.0360						
.150				.0130	.0140	-.1550	-.0480
.177			.0250				
.229	.0680						
.246		.1120					
.250				-.0870	-.0360	-.0400	-.0710
.362	.1330						
.400				-.0620	-.0960		-.1130
.402			-.1030				
.497	.0200						
.550				-.2400	-.3900		
.565			-.2480				
.600							-.4260
.650						-.4260	
.700	-.2000				-.5450		
.725				-.5610			
.750						-.5490	-.5820
.760			-.5220				
.775				-.3040	-.6160		
.808			-.2260				
.834	-.2550						
.850				-.1400	-.0950	-.0800	
.857			-.1460				
.865	-.2170						
.900	-.1230			-.0310			.0050
.905			-.0560				
.950				.0840	.1080	.1090	
.953			.1490				

SECTION (1)LOWER WING

DEPENDENT VARIABLE CP

MACH (2) = .902 ALPHAT(6) = 1.990

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.965	-.0110						

MACH (2) = .901 ALPHAT(7) = 4.010

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.1390	.0050	.3190	.5300	.4580	.4560	.2720
.050				.0510	.0800	.0020	.0810
.081			.1880				
.086		.0740					
.094	.0480						
.150				.0730	.0960	-.0590	.0180
.177			.0740				
.229	.0630						
.246		.1390					
.250				-.0240	.0200	.0240	-.0160
.362	.1560						
.400				-.0220	-.0520		-.0700
.402			-.0710				
.497	.0500						
.550				-.2210	-.3560		
.585			-.2300				-.3550
.600						-.3850	
.650					-.5010		
.700	-.1860						
.725				-.5210			
.750						-.4960	-.5280
.760			-.4720				
.775				-.2840	-.5250		
.808			-.2270				
.834	-.2370						
.850				-.1720	-.1450	-.1470	
.857			-.1600				
.865	-.1840						
.900	-.1250			-.0520			-.0720
.905			-.0660				
.950				.0810	.0910	.0760	
.953			.0580				
.965	-.0150						

MACH (2) = .904 ALPHAT(8) = 6.010

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.2230	-.0720	.2790	.4970	.3780	.3610	.0970
.050				.1350	.1560	.1240	.2060
.081			.2350				
.086		.0880					
.094	.0590						

AMES 11-7D7 IA9 C2A + S3 + T9 LOWER WING (RBML44)

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (2) = .904 ALPHAT(8) = 6.000

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.150				.1280	.1710	.0290	.0920
.177			.1160				
.229	.0930						
.246		.1640					
.250				.0240	.0790	.0810	.0340
.362	.1700						
.400				.0110	-.0020		-.0440
.402			-.0390				
.497	.0740						
.550				-.1920	-.3160		
.565			-.2080				
.600							-.2920
.650						-.3480	
.700	-.1650				-.4580		
.725				-.4870			
.750						-.4320	-.4440
.760			-.4250				
.775				-.2890	-.5020		
.808			-.2310				
.834	-.2360						
.850				-.2330	-.2430	-.3300	
.857			-.1850				
.865	-.1940						
.900	-.1210			-.0990			-.1840
.905			-.0860				
.950				.0550	.0220	-.0719	
.953			.0460				
.965	-.0160						

MACH (2) = .898 ALPHAT(9) = 7.990

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.3020	-.1540	.2340	.4480	.3020	.2490	-.0680
.050				.2100	.2420	.2360	.3080
.081			.2740				
.086		.1010					
.094	.0800						
.150				.1780	.2390	.1130	.1660
.177			.1470				
.229	.1150						
.246		.1870					
.250				.0800	.1350	.1450	.1010
.362	.1910						
.400				.0440	.0440		.0180
.402			-.0110				
.497	.0960						

SECTION (1)LOWER WING

DEPENDENT VARIABLE CP

MACH (2) = .898 ALPHAT(9) = 7.990

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.550				-.1660	-.2600		
.565			-.1870				-.2410
.600						-.2810	
.650					-.3960		
.700	-.1400			-.4040			
.725						-.3600	-.3730
.750							
.760			-.4130				
.775				-.3380	-.4360		
.808			-.2480				
.834	-.2100						
.850				-.2620	-.3320	-.4640	
.857			-.1920				
.865	-.1750						
.900	-.1110			-.1300			-.2710
.905			-.0930				
.950				.0190	-.0480	-.2000	
.953			.0340				
.965	-.0060						

MACH (3) = 1.103 ALPHAT(1) = -8.010

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.2640	-.5500	.2870	.4140	.3270	.2160	.1780
.050				-.6210	-.6880	-.8180	-.7920
.081			.0310				
.086		-.0450					
.094	-.2600						
.150				-.1440	-.5730	-.5020	-.7570
.177			-.0630				
.229	.0430						
.246		.1110					
.250				-.1690	-.2640	-.4150	-.7070
.362	.1510						
.400				-.2050	-.1790		-.5560
.402			-.2140				
.497	.0390						
.550				-.2960	-.3610		
.565			-.2990				
.600							-.2680
.650						-.4120	
.700	-.3330				-.5060		
.725				-.4900			
.750						-.4670	-.4430
.760			-.5370				
.775				-.5430	-.5710		

AMES 11-707 IA9 C2A + S3 + T9 LOWER WING (FORM44)

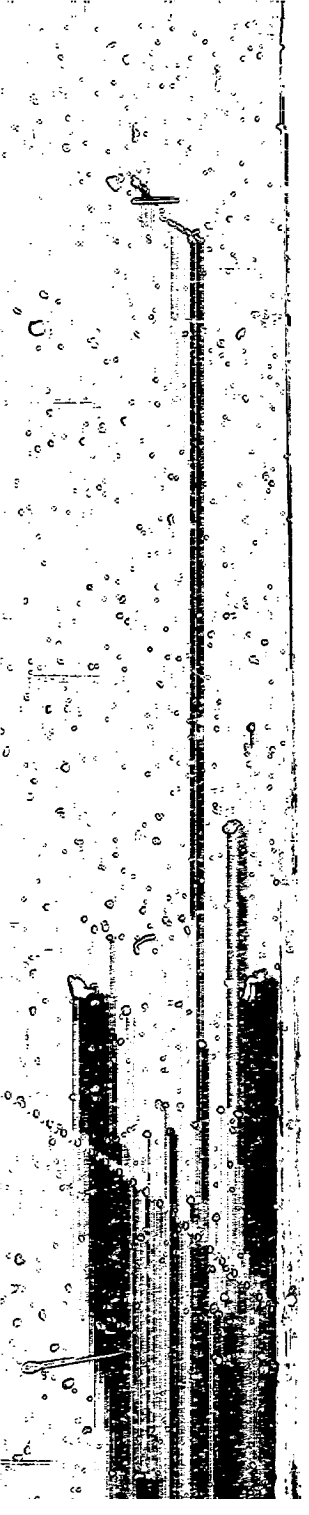
SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (3) = 1.103 ALPHAT(1) = -8.010

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.808			-.4970				
.834	-.4670						
.850				-.4710	-.6260	-.5770	
.857			-.6310				
.865	-.3980						
.900	-.3980			-.2950			-.4330
.905			-.3190				
.950				-.2500	-.2950	-.3490	
.953			-.2180				
.965	-.2190						

MACH (3) = 1.097 ALPHAT(2) = -5.950

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.2860	-.4340	.3430	.4920	.4130	.3340	.2970
.050				-.3890	-.5850	-.7540	-.7110
.081			.0630				
.086		-.0120					
.094	-.2630						
.150				-.1000	-.3970	-.4230	-.6820
.177			-.0210				
.229	.0510						
.246		.1210					
.250				-.1340	-.1650	-.2810	-.5830
.362	.1580						
.400				-.1800	-.1610		-.1990
.402			-.1950				
.497	.0570						
.550				-.2580	-.3250		
.565			-.2850				
.600							-.2520
.650						-.3560	
.700	-.3210				-.4580		
.725				-.4620			
.750						-.4320	-.4270
.760			-.5180				
.775				-.5100	-.5290		
.808			-.4730				
.834	-.4570						
.850				-.4900	-.5780	-.5510	
.857			-.6210				
.865	-.3710						
.900	-.3750			-.2100			-.2100
.905			-.2510				
.950				-.2190	-.2670	-.5520	
.953			-.2090				



MACH (3) = 1.097 ALPHAT(2) = -5.950

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.965	-.2020						

MACH (3) = 1.100 ALPHAT(3) = -3.970

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.2790	-.3180	.3870	.5590	.4940	.4390	.3990
.050				-.2030	-.4240	-.6860	-.5590
.081			.1090				
.086		.0370					
.094	-.2260						
.150				-.0360	-.1190	-.2580	-.4920
.177			.0530				
.229	.0710						
.246		.1450					
.250				-.0650	-.1520	-.1590	-.3730
.362	.1770						
.400				-.1420	-.1280		-.0010
.402			-.1530				
.497	.0870						
.550				-.2120	-.2700		
.565			-.2450				
.600							-.2440
.650						-.2970	
.700	-.2800				-.4060		
.725				-.4030			
.750						-.3970	-.4060
.760			-.4710				
.775				-.4470	-.4820		
.808			-.4530				
.834	-.4330						
.850				-.5390	-.5400	-.5290	
.857			-.3780				
.865	-.4140						
.900	-.3570			-.2320			-.3830
.905			-.2440				
.950				-.2180	-.3190	-.5960	
.953			-.2430				
.965	-.1820						

MACH (3) = 1.102 ALPHAT(4) = -1.990

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.2820	-.2130	.4080	.5950	.5250	.5110	.4690
.050				-.1310	-.3430	-.5290	-.4370
.081			.1420				
.086		.0550					
.094	-.2390						

AMES 11-707 IA9 C2A + S3 + T9 LOWER WING (RBML44)

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (3) = 1.102 ALPHAT(4) = -1.990

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.150				.0160	.0010	-.2040	-.2650
.177			.0550				
.229	.0770						
.246		.1580					
.250				-.0590	-.1140	-.0760	-.0940
.362	.1830						
.400				-.1050	-.0660		.0270
.402			-.1260				
.497	.0950						
.550				-.1780	-.2180		
.565			-.2110				
.600							-.2270
.650						-.2760	
.700	-.2290				-.3680		
.725				-.3430			
.750						-.3780	-.4030
.760			-.4470				
.775				-.4060	-.4550		
.808			-.4460				
.834	-.4280						
.850				-.5160	-.4830	-.5220	
.857			-.4950				
.865	-.3700						
.900	-.2880			-.2210			-.3920
.905			-.2040				
.950				-.1090	-.3660	-.5540	
.953			-.1810				
.965	-.1630						

MACH (3) = 1.100 ALPHAT(5) = .030

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.2900	-.1480	.4170	.6240	.5590	.5540	.5120
.050				-.0270	-.1570	-.2770	-.2520
.081			.1920				
.086		.0640					
.094	-.2*30						
.150				.0790	.0630	-.1370	-.0090
.177			.0860				
.229	.0750						
.246		.1740					
.250				-.0280	-.0440	.0210	.0420
.362	.1850						
.400				-.0390	-.0060		.0480
.402			-.0810				
.497	.0990						

SECTION (1)LOWER WING

DEPENDENT VARIABLE CP

MACH (3) = 1.100 ALPHAT(5) = .030

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.550				-.1260	-.1820		
.565			-.1680				-.2220
.600						-.2470	
.650					-.3190		
.700	-.1680			-.2800			
.795						-.3410	-.3870
.750							
.760			-.4240		-.3750	-.3600	
.775							
.808			-.4240				
.834	-.4280				-.5070	-.4460	-.4630
.850							
.857			-.5080				
.865	-.3120						-.3660
.900	-.2930			-.2490			
.905			-.1980				
.950				-.1750	-.3890	-.5440	
.953			-.1730				
.965	-.1420						

MACH (3) = 1.101 ALPHAT(6) = 2.040

Y/BW	.299	.364	.427	.534	.673	.760	.887
X/CW							
.000	-.3180	-.1290	.3900	.6200	.5530	.5600	.5090
.080				.0430	.0190	-.0160	.0500
.081			.2240				
.086		.0900					
.094	-.1980			.1310	.1160	-.0560	.0920
.150							
.177			.1090				
.229	.0700						
.246		.1700		.0190	.0280	.1080	.1060
.250							
.362	.1710			.0070	.0650		.1120
.440							
.462			-.0640				
.497	.1010			-.0370	-.1010		
.550							
.565			-.0640				-.1770
.620						-.1800	
.650					-.2680		
.700	-.1040			-.2610			
.725						-.2950	-.3480
.750							
.760			-.4310				
.775				-.3730	-.3570		

AMES 11-707 IA9 C2A + S3 + T9 LOWER WING (RBML44)

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (3) = 1.101 ALPHAT(6) = 2.040

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.808			-.4300				
.834	-.4160						
.850				-.5050	-.4380	-.4480	
.857			-.5030				
.865	-.3490						
.900	-.3060			-.2310			-.3560
.905			-.1850				
.950				-.1710	-.5510	-.5410	
.953			-.1790				
.965	-.1270						

MACH (3) = 1.102 ALPHAT(7) = 3.980

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.3490	-.1400	.3560	.5900	.5390	.5480	.4330
.050				.1370	.1340	.1010	.2260
.081			.2720				
.086		.0580					
.094	-.1740						
.150				.1640	.1900	.0790	.1880
.177			.1450				
.229	.0620						
.246		.1910					
.250				.0560	.1510	.1950	.1740
.362	.1790						
.400				.1410	.1370		.1510
.402			-.0100				
.497	.1100						
.550				-.0100	-.1020		
.565			-.0450				
.600							-.1470
.650						-.1640	
.700	-.0280				-.2610		
.725				-.2670			
.750						-.2760	-.3240
.760			-.4270				
.775				-.3660	-.3470		
.808			-.4220				
.834	-.4180						
.850				-.4990	-.4280	-.4350	
.857			-.4540				
.865	-.3230						
.900	-.2720			-.2120			-.3230
.905			-.1640				
.950				-.1510	-.5170	-.5290	
.953			-.1480				

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AMES 11-707 IA9 OPA + S3 + T9 LOWER WING (RBNL44)

SECTION (1)LOWER WING

DEPENDENT VARIABLE CP

MACH (3) = 1.102 ALPHAT(7) = 3.980

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.965	-.1110						

MACH (3) = 1.105 ALPHAT(8) = 6.030

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.3950	-.2550	.3160	.5920	.5320	.5290	.5290
.050				.2250	.2360	.2360	.3620
.081			.3160				
.086		.0650					
.094	-.1130			.2230	.2360	.1670	.2690
.150							
.177			.1900				
.229	.0680						
.246		.2110		.1120	.2160	.2570	.2300
.250							
.362	.1690			.1720	.1780		.1630
.400							
.402			.0980				
.497	.1340			.0160	-.0890		
.550							
.585			-.0910				-.1100
.600						-.1190	
.650					-.2360		
.700	-.0160			-.2640			
.725						-.2370	-.2800
.750							
.760			-.4190				
.775				-.3540	-.3190		
.800			-.4140				
.834	-.3910			-.4820	-.4040	-.4040	
.850							
.857			-.4820				
.865	-.2950			-.1900			-.2390
.900	-.2480						
.905			-.1510	-.1230	-.1280	-.4990	
.950							
.953			-.1280				
.965	-.0790						

MACH (3) = 1.102 ALPHAT(9) = 8.010

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.4470	-.4460	.2520	.5680	.5140	.4880	.2180
.050				.2920	.3390	.3490	.4540
.081			.3510				
.086		.0360					
.094	-.0690						

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A

AMES 11-707 IA9 02A + S3 + T9 LOWER WING (RBML44)

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (3) = 1.102 ALPHAT(9) = 8.010

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.150				.2660	.3610	.2580	.3310
.177			.2240				
.229	.0630						
.246		.2250					
.250				.1700	.2770	.3070	.2800
.362	.1690						
.400				.1980	.2150		.2070
.402			.1150				
.497	.1590						
.550				.0970	-.0490		
.565			-.0200				
.600							-.0740
.650						-.0660	
.700	-.0060				-.2130		
.725				-.2390			
.750						-.2090	-.2450
.760			-.4190				
.775				-.3480	-.3000		
.808			-.4050				
.834	-.2730						
.850				-.4630	-.3680	-.3790	
.857			-.4780				
.865	-.2890						
.900	-.2370			-.4910			-.2030
.905			-.2370				
.950				-.1300	-.5150	-.4770	
.953			-.1160				
.965	-.0620						

MACH (4) = 1.247 ALPHAT(1) = -0.060

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.1770	-.3600	-.1150	.3580	.3770	.3130	.3110
.050				-.5120	-.5080	-.6220	-.6020
.081			-.1070				
.086		-.3080					
.094	-.2140						
.150				-.1530	-.4780	-.3640	-.5800
.177			-.2380				
.229	-.2140						
.246		.0180					
.250				-.1010	-.4520	-.2930	-.5270
.362	-.0660						
.400				-.1120	-.0520		-.4120
.402			-.0970				
.497	.0750						

AMES 11-707 IA9 CEA + B3 + T9 LOWER WING (BML44)

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (4) = 1.247 ALPHAT(1) = -9.080

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.550				-.1880	-.2140		
.565			-.1820				
.600							-.1920
.650						-.3120	
.700	-.2220				-.3650		
.725				-.3880			
.750						-.3800	-.3440
.760			-.4900				
.775				-.4240	-.4300		
.806			-.4130				
.834	-.3240						
.890				-.5090	-.4750	-.4490	
.857			-.4710				
.865	-.4710						
.900	-.3690			-.5290			-.3480
.905			-.3650				
.950				-.5800	-.5420	-.5170	
.953			-.3790				
.965	-.4040						

MACH (4) = 1.220 ALPHAT(2) = -9.980

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.1880	-.2880	.0180	.4880	.4800	.4140	.4080
.050				-.4880	-.4640	-.5140	-.4940
.081			.0350				
.086		-.2470					
.094	-.2130						
.150				-.0020	-.3430	-.2870	-.4820
.177			-.0770				
.229	-.2110						
.246		.1140					
.250				-.0360	-.1180	-.2140	-.4340
.362	-.0100						
.400				-.0760	-.0500		-.2000
.406			-.0650				
.497	.1140						
.550				-.1520	-.1850		
.565			-.1480				
.600							-.1670
.650						-.2410	
.700	-.1890				-.3210		
.725				-.3310			
.750						-.3120	-.3070
.760			-.3990				
.775				-.3940	-.3840		

AMES 11-707 IA9 C2A + S3 + T9 LOWER WING (RBML44)

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (4) = 1.250 ALPHAT(2) = -5.960

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.808			-.3680				
.834	-.2910						
.850				-.4670	-.4410	-.4210	
.857			-.4320				
.865	-.4470						
.900	-.3410			-.4900			-.3090
.905			-.5410				
.950				-.5250	-.5180	-.4840	
.953			-.4200				
.965	-.3760						

MACH (4) = 1.247 ALPHAT(3) = -3.960

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.1760	-.2060	.1360	.5480	.5190	.4890	.4770
.050				-.3490	-.3490	-.4910	-.4390
.081			.0790				
.086		-.1850					
.094	-.2000						
.150				.0290	-.1340	-.1760	-.3810
.177			.0440				
.229	-.1990						
.246		.1310					
.250				-.0040	-.0640	-.0850	-.2400
.362	.0730						
.400				-.0450	-.0230		.0500
.402			-.0520				
.497	.1350						
.550				-.1210	-.1590		
.565			-.1240				
.600							-.1560
.650						-.2090	
.700	-.1780				-.2810		
.725				-.3010			
.750						-.2930	-.3070
.760			-.3860				
.775				-.3680	-.3570		
.808			-.3410				
.834	-.2800						
.850				-.4480	-.4180	-.3950	
.857			-.4170				
.865	-.4470						
.900	-.3700			-.4660			-.3140
.905			-.5430				
.950				-.5010	-.4960	-.4690	
.953			-.3630				

SECTION (1)LOWER WING

DEPENDENT VARIABLE CP

MACH (4) = 1.247 ALPHAT(3) = -3.980

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.965	-.3500						

MACH (4) = 1.248 ALPHAT(4) = -2.000

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.1850	-.1590	.2180	.5970	.5560	.5540	.5250
.050				-.1200	-.2060	-.4060	-.2870
.081			.1660				
.086		-.1610					
.094	-.1820						
.150				.0800	.0580	-.0860	-.1940
.177			.1720				
.229	-.1660						
.246		.1750					
.250				.0440	-.0200	-.0050	-.0230
.362	.1220						
.400				-.0160	.0060		.1070
.402			-.0200				
.497	.1650						
.550				-.0730	-.1140		
.565			-.1090				
.600							-.1380
.650						-.1610	
.700	-.1580				-.2550		
.725				-.2750			
.750						-.2580	-.2880
.760			-.3210				
.775				-.3360	-.3310		
.808			-.2930				
.834	-.2880						
.850				-.4100	-.3870	-.3850	
.857			-.3990				
.865	-.4390						
.900	-.3820			-.4130			-.3030
.905			-.5280				
.950				-.4670	-.4700	-.4800	
.953			-.3150				
.985	-.3220						

MACH (4) = 1.248 ALPHAT(5) = .020

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.1940	-.1250	.3160	.6550	.5910	.6020	.5600
.050				.0570	-.0910	-.1870	-.1410
.081			.2070				
.086		-.1280					
.094	-.1550						

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A (RBML44)

AMES 11-7D7 IA9 C2A + S3 + T9 LOWER WING

DEPENDENT VARIABLE CP

SECTION (1)LOWER WING

MACH (6) = 1.233 ALPHAT(5) = .020

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.150				.0950	.1580	-.0340	.0370
.177			.1930				
.229	-.1290						
.246		.1920					
.250				.0630	.0270	.0600	.0710
.362	.1300						
.400				.0170	.0560		.1280
.402			.0080				
.497	.1740						
.550				-.0460	-.0770		
.565			-.0840				
.600							-.1120
.650						-.1340	
.700	-.1430				-.2250		
.725				-.2560			
.750						-.2360	-.2670
.760			-.2690				
.775				-.2960	-.2960		
.808			-.2710				
.834	-.2650						
.850				-.3500	-.3580	-.3610	
.857			-.3970				
.865	-.4360						
.900	-.3680			-.3670			-.2950
.905			-.5260				
.950				-.4480	-.4480	-.4420	
.953			-.3790				
.965	-.3000						

MACH (4) = 1.244 ALPHAT(6) = 2.070

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.2180	-.1290	.3750	.6590	.5980	.6070	.5420
.050				.1260	.0730	.0540	.0600
.081			.2670				
.086		-.1020					
.094	-.1330						
.150				.1320	.1980	.0220	.1310
.177			.1850				
.229	-.1120						
.246		.1860					
.250				.0960	.0660	.1350	.1500
.362	.1350						
.400				.0550	.1080		.1750
.402			.0180				
.497	.1610						

AMES 11-707 IA9 OEA + S3 + T9 LOWER WING

SECTION (1)LOWER WING

DEPENDENT VARIABLE CP

MACH (4) = 1.244 ALPHAT(6) = 2.070

Y/BW	.299	.384	.427	.534	.673	.780	.887
X/CW							
.550				-.0090	-.0380		
.565			-.0560				-.0810
.600						-.1020	
.650					-.1880		
.700	-.1230			-.2010			
.725						-.2030	-.2420
.750			-.2430				
.760				-.2190	-.2670		
.775			-.2640				
.808							
.834	-.2850			-.3080	-.3310	-.3330	
.850			-.3800				
.857							-.2660
.885	-.4300			-.3760			
.900	-.3930		-.5110				
.905				-.4470	-.3980	-.4110	
.950			-.4430				
.953							
.985	-.2810						

MACH (4) = 1.248 ALPHAT(7) = 4.080

Y/BW	.299	.384	.427	.534	.673	.780	.887
X/CW							
.000	-.2540	-.1780	.3540	.6400	.5900	.6030	.5040
.050				.2020	.2020	.1460	.2270
.081			.2890				
.086		-.0400					
.094	-.1080						
.150				.2130	.2580	.0910	.2130
.177			.2140				
.229	-.0909						
.246		.1990					
.250				.1180	.1270	.2090	.2090
.362	.1450						
.400				.1000	.1670		.2160
.402			.0440				
.497	.1650						
.550				.0150	-.0100		
.565			-.0300				
.600							-.0420
.650						-.0690	
.700	-.0640				-.1540		
.725				-.1090			
.750						-.1680	-.2100
.760			-.2290				
.775				-.1820	-.2170		

DATE 20 SEP 73 TABULATED PRESSURE DATA - IA9A

AMES 11-7FT IA9 CCA + S3 + T9 LOWER WING (RPML44)

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

MACH (4) = 1.248 ALPHAT(7) = 4.020

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.808			-.2420				
.834	-.2600						
.850				-.3030	-.2510	-.2910	
.857			-.3640				
.865	-.4190						
.900	-.3050			-.3790			-.2200
.905			-.5060				
.950				-.4330	-.3800	-.3720	
.953			-.4240				
.965	-.2610						

MACH (4) = 1.248 ALPHAT(8) = 6.030

Y/BW	.299	.364	.427	.534	.673	.780	.887
X/CW							
.000	-.2850	-.2410	.2920	.6400	.5800	.5860	.4410
.050				.2680	.2780	.2270	.3580
.081			.3390				
.086		.0040					
.094	-.0800						
.150				.2430	.3100	.1740	.2890
.177			.2420				
.229	-.0450						
.246		.2060					
.250				.1490	.1880	.2720	.2710
.362	.1500						
.400				.1380	.2110		.2280
.402			.0750				
.497	.1680						
.550				.0890	.0990		
.565			.0600				
.600							.0620
.650						-.0110	
.700	.0260				-.0850		
.725				-.0950			
.750						-.1060	-.1580
.760			-.2300				
.775				-.2060	-.1840		
.808			-.2560				
.834	-.2580						
.850				-.3200	-.2620	-.2540	
.857			-.3760				
.865	-.4140						
.900	-.2610			-.3870			-.1970
.905			-.5140				
.950				-.4390	-.3830	-.3500	
.953			-.3720				

AMES 11-707 1A9 C2A + S3 + T9 LOWER WING (RBML44)

SECTION (1)LOWER WING

DEPENDENT VARIABLE CP

MACH (4) = 1.246 ALPHAT(8) = 6.030

Y/BW	.299	.364	.427	.534	.673	.785	.887
X/CW							
.965	-.2390						

MACH (4) = 1.246 ALPHAT(9) = 8.010

Y/BW	.299	.364	.427	.534	.673	.785	.887
X/CW							
.000	-.3180	-.3230	.2220	.6230	.5710	.5580	.3570
.050				.3410	.3720	.3370	.4810
.081			.3830				
.086		.0260					
.094	-.0500						
.150				.2920	.3790	.2590	.3790
.177			.2700				
.229	.0160						
.246		.2310					
.250				.2020	.2530	.3580	.3550
.362	.1670						
.400				.1820	.2780		.2970
.402			.1150				
.497	.1920						
.550				.1550	.0980		
.565			.1180				
.600							.0370
.650						.0180	
.700	.0800				-.0960		
.725				-.1220			
.750						-.0930	-.1330
.760			-.2460				
.775				-.2080	-.1790		
.808			-.2610				
.834	-.2620						
.850				-.3190	-.2550	-.2450	
.857			-.3810				
.865	-.3800						
.900	-.2230			-.3870			-.1700
.905			-.5140				
.950				-.4390	-.3720	-.3350	
.953			-.4380				
.965	-.2190						